



## REPORT

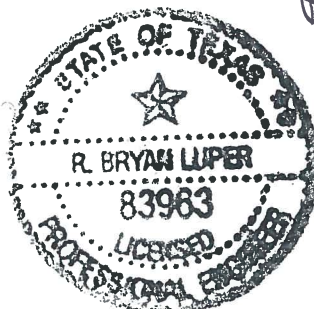
# CONTINGENCY PLAN

*Exide Technologies Frisco Recycling Facility  
7471 Old Fifth Street, Frisco, Texas*

Submitted to:

**Exide Technologies**

Mr. Brad Weaver  
7471 Old 5th Street  
Frisco, Texas 75034



*R. Bryan Luper*

5-29-19

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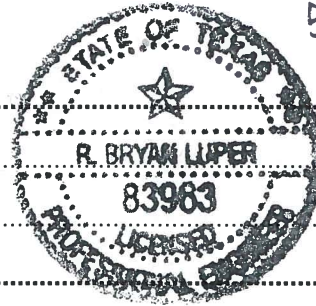
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5-29-19



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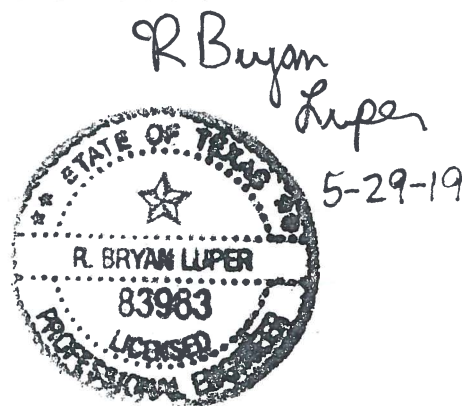
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## 1.0 INTRODUCTION AND PURPOSE

### 1.1 Introduction

The Exide Technologies Frisco Recycling Center is located at Old 7471 5th Street in Frisco, Texas (“the Facility”). The 89-acre Facility is located near the intersection of Parkwood Drive and Eagan Way/Old 5th Street, approximately 1 mile north of the Frisco Police station and 1 mile south of Main Street. The layout of the Facility is shown on Figure 1. The locations of the Facility’s active wastewater, stormwater and waste management units, the North Corrective Action Management Unit (North CAMU), the flood wall, and the proposed Remediation Consolidation Area (RCA), as well as the closed units at the Facility are also shown on Figure 1. A summary of potential types of incidents and responses is provided in Table 1

### 1.2 Purpose

As appropriate, this Contingency Plan was developed to be consistent with 30 Texas Administrative Code §§ 335.152, 335.153 and 40 CFR 264 Subpart C (Preparedness and Prevention) and 40 CFR 265 Subpart D (Contingency Plan). This Contingency Plan describes the actions that personnel will take in response to severe weather, fires, explosions, or any unplanned sudden or non-sudden release of waste constituents to air, soil, or surface water at the Facility. This Contingency plan addresses measures applicable during the active remediation period and, to the extent provisions remain relevant, the post-closure period when the Facility will have limited on-site personnel. This Contingency Plan was also developed to meet the applicable requirements of 44 CFR 65.10(c)(3), which requires that sound emergency practices be included as a part of operating plans and criteria for the flood wall at the Facility.

## 2.0 EMERGENCY COORDINATORS

At all times, there will be at least one employee of Exide or their representative either on the Facility premises or on call (i.e., available to respond to an emergency by reaching the Facility within a short period of time) with the responsibility for coordinating all emergency response measures. A person shall be designated as the Emergency Coordinator (EC) and their contact information will be listed in Appendix A. During the times that remediation and closure activities are being performed at the Site, the Emergency Coordinator (or his formally delegated, qualified and authorized representative) will be on-Site. During the post-closure period and when the site is inactive or unattended, the EC will be on call but will be on the Facility premises when activities or conditions warrant (such as during maintenance activities). The Emergency Coordinator will be thoroughly familiar with all aspects of the Contingency Plan, all operations and activities at the Facility, the location and characteristics of waste, waste handling procedures, the location of all records at the Facility, and the Facility layout. In addition, the EC will have the authority to commit the resources needed to carry out the Contingency Plan.

There may be changes to the Facility's emergency contact information from time to time and Appendix A will be revised as necessary and kept on file at the Facility to maintain a current list of the responsible individuals and organizations and their contact information. Changes to emergency contacts will be revised through a class 1 permit modification with associated written notification made to the relevant personnel and organizations. The notifications will be promptly posted on the Exide Frisco website.

If an individual is injured, or a situation is created that could negatively impact the community, the first call made by the EC will be to 911.

## **3.0 TRAINING**

### **3.1 On-Site Exide Employees and Contractors**

Training on the content of this Contingency Plan will be provided by the EC to each Exide employee and contractor working at the Site as part of the initial health and safety training that is required for all on-Site visitors and personnel. Exide and contractor employees will be required to sign off on a Site orientation form that confirms their understanding of this Contingency Plan, and other health and safety policies required for the Site. The training will be required on the first day of work/visit at the Site and annually thereafter. Should changes be made to this Contingency Plan, additional training will be provided when the revised plan is implemented. The Contingency Plan will also be provided electronically to contractors prior to mobilizing to the Site to ensure that requirements can be incorporated into standard work procedures and plans that will be used at the Site.

### **3.2 Other Parties**

As described in Section 9.1, the Contingency Plan will be provided to local emergency responders and the City of Frisco Management following the TCEQ's approval of the Closure Plan and this Contingency Plan. An offer will also be made to brief these organizations on the type of materials and activities involved at the Facility.

### **3.3 Emergency Response Contractor**

As listed in Appendix A, Remediation Services, Inc. (RSI) will be designated as the primary emergency response contractor. In the event that RSI is not present at the Site at the time of the incident, Sunbelt Industrial Services (Sunbelt) will be utilized as the local contractor for emergency response. RSI and Sunbelt will have a copy of this Contingency Plan and personnel who may respond to the Site in case of an emergency will be trained on the contents of the plan.

## 4.0 CONTINGENCY PLAN IMPLEMENTATION

The Contingency Plan will be implemented whenever the emergency coordinator/alternate determines an imminent or actual hazard exists which could threaten human health or the environment. This section provides the criteria used by the emergency coordinator/alternate in making the decision to implement the Contingency Plan.

The Contingency Plan will be implemented in the following situations:

- Any event at the Facility involving fire and/or an explosion
- In the event of tornadoes or severe weather
- In the case of flood events,
  - Adverse weather projections (flood warnings);
  - Observed increased water flows
  - Potential or actual flood wall breaches
- Any spill occurring outside of the active waste disposal management area
- Any spill within the containment system with the potential for leakage or overflow from the containment system
- Any spill which could result in a fire and/or explosion
- Any spill or release that has the potential for damaging human health or the environment.

In no circumstance should an employee or contractor put themselves in danger. Therefore, it is imperative to assess the situation as rapidly and as accurately as possible. Never attempt to act in any emergency situation without first alerting an emergency coordinator, supervisor, or outside emergency responder. The first duty of employees is to remain safe and report the emergency to the EC. The EC will provide instructions on how to proceed if different than described for each emergency procedure listed in Section 5. In the event of an imminent or actual emergency situation, the EC will follow the emergency response procedures as described in Section 5, notify all Facility personnel or contractors who may be at the Facility, and notify appropriate state or local agencies with designated response roles if their help is needed. Should an evacuation be required, Figure 1 provides an evacuation route map. (Evacuation procedures are described in Section 7). Should any injuries or suspected injuries occur, Figure 2 indicates the route from the Facility to the nearest medical facility.

## 5.0 EMERGENCY RESPONSE PROCEDURES

The following emergency procedures shall be followed in the event of an imminent or actual emergency situation. Emergency situations and response instructions will be communicated to on-site staff, contractors and visitors in person or using a radio or cellular telephone.

### 5.1 Notification

In the event of an emergency:

1. The person first noticing the incident will immediately notify the EC or the on-call alternate. All Facility contractors working at the Facility will be trained to immediately notify other personnel and the EC of a potential hazard. Contractors are to be trained annually (or following any revision to the Plan) on the entire content of the Contingency Plan.
2. The EC will determine whether or not to implement the Contingency Plan.
3. The Contingency Plan may be implemented for less than the entire Facility area.
4. Upon notification, the EC will assess the incident. This assessment will include all of the following:
  - A. Materials involved in the incident
  - B. Need for evacuation or other actions (e.g. move to higher ground)
  - C. Threat to human health or the environment outside the Facility area
  - D. "In-house" incident response capabilities
5. If the emergency coordinator determines that evacuation is required, the EC will activate the EVACUATION PLAN (see Section 7).
6. In the event of an incident that may threaten human health or the environment outside the Facility area, the emergency coordinator will notify the appropriate outside agencies by telephone (see Appendix A). Otherwise, any required notifications will be made after the emergency is under control, according to the protocol outlined in this section.
7. When notifying any response agency, the following information will be given:
  - A. The name and telephone number of the person calling
  - B. The name and address of the Facility
  - C. The time and type of incident (e.g., release, fire, etc.)
  - D. The name and quantity of material(s) involved, to the extent known
  - E. The extent of injuries, if any
  - F. Any known possible hazards to human health or the environment outside the Facility area

### 5.2 Identification of Hazardous Material

In the event of an incident at the Facility, the EC will first identify the sources, amount and types(s) of material involved, as well as the area/extent of the release, fire, flood, or explosion. The initial identification will be by visual analysis of the incident location and the materials involved, review of available records and manifests, or, if necessary, by chemical analyses.

With the release information, the EC will assess possible hazards to human health, the environment, the Facility, and other materials on-site. The assessment will consider both direct and indirect effects of the release, fire,

explosion, flood, or other emergency event. Consideration will be given to the effects of any toxic, irritating, or asphyxiating gases that could be generated and the effects of any hazardous surface water run-offs from water or chemical agents used to control fire and heat induced explosions. Considerations for transport of materials or wastes during flood events will also be considered.

Waste and hazardous materials expected to be at the Facility include the following:

- The following wastes authorized to be contained in the North Corrective Action Management Unit (CAMU):
  - The treated slag that currently exists in cells 1 through 12 of the CAMU
  - Remediation waste associated with clean-up activities for VCP No. 2541 (J Parcel) and other remediation waste approved in the final Remediation Action Plan (RAP) for the Facility and/or the final Closure Plan
- The following wastes authorized to be contained in the Remediation Consolidation area (RCA):
  - Surface soils exceeding applicable protective concentration levels (PCLs) excavated from affected property at the Facility where no cap is planned
  - Sediments and waste materials exceeding applicable PCLs removed from portions of Stewart Creek on or downstream from the Facility
  - Other remediation waste approved in the final RAP and/or the final Closure Plan
- Liquids associated with routine operation of vehicles and power equipment in use by the contractor
- Contact and non-contact storm water
- Wastewater treatment chemicals

### 5.3 Assessment

The EC will first determine the nature of the incident (e.g., flood, fire, explosion, or other release of material). If an explosion or fire occurs that could threaten human health or the environment, the EC will attempt to ascertain the immediate cause in order to determine the potential for another explosion or if additional fires could be started. In the event of an explosion or fire that could threaten human health or the environment, the EC will first notify the Frisco Fire and Police Departments. Subsequently, the National Response Center (phone numbers listed in Appendix A) will be advised of any reportable release. Upon identifying the material causing the incident, the EC will assess the potential and existing hazards through knowledge of hazards posed by individual materials and wastes.

Records for these wastes and materials are available from the following locations:

- Contractors will maintain a book of Safety Data Sheets (SDSs) at the Facility for any hazardous materials used during the Site remediation and closure process of the North CAMU and the RCA
- Information regarding the typical chemical composition of slag such as that disposed in the North CAMU will be kept along with the SDS sheets in the Exide trailer or will be available from an Exide representative or designated consultant or on-site contractor

- Sampling results for remediation wastes will be available in the Exide trailer or will be available from an Exide representative or designated consultant or contractor

The EC will convey all such information to responding emergency assistance teams.

## 5.4 Control Procedures

After assessing the extent of the emergency situation and the possible hazards posed, the emergency coordinator will initiate the following type-specific control procedures with the assistance of Facility contractor personnel and/or any necessary outside agencies. In general, these procedures will be consistent with the emergency response procedures outlined above. The initial response priority in any emergency will be to protect human health and safety and then the environment. Identification, containment, treatment, and disposal assessments will be the secondary response. The EC will document all control, response, and clean-up procedures.

While the Facility is in operation, the Exide trailer will be used as the Emergency Operations Center, if needed and it is safe to do so. In the event that the Exide trailer is not available or is inaccessible, the EC will designate an alternate location as the Emergency Operations Center. The Emergency Operations Center will serve as a location where key personnel can coordinate a response.

### 5.4.1 Fire

No ignitable, corrosive, incompatible, or reactive materials will be accepted in support of the Facility closure. Non-waste related fires from the use of small amounts of these materials (liquids associated with routine operation of vehicles and power equipment in use by the contractor) could occur (vehicle fires, building fires, etc.) and would be responded to as detailed below.

Any fires will be assessed by the Facility contractors. All Facility contractors will be trained to first notify appropriate persons. Any fire will be assessed to determine if it is an incipient stage fire<sup>1</sup>. If so, if facility contractors have been trained on using portable fire extinguishers, they may use the portable fire extinguisher to fight the fires. If the fire has passed the incipient stage, Facility personnel will be trained to call 911 immediately. In no case will Facility contractors risk injury or life fighting a fire.

The fire extinguishers located at the Exide trailers, near the generator located at the North CAMU and at the wastewater treatment plant (see Appendix D) are classified as ABC type. Any fire extinguishers brought to the Site and used by contractors should also be ABC type.

Under no circumstances shall any Facility contractor attempt to fight a fire that cannot readily be extinguished by use of a portable fire extinguisher. Any fire of greater size requires evacuation of the area and notification of the emergency coordinator.

If it possible to do so without risk of injury (following criteria listed above) and the Facility contractor has been appropriately trained, the Facility contractor will attempt to extinguish the fire with the appropriate fire suppression equipment as described below:

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<sup>1</sup> 29 CFR 1910.155(c)(26) defines "incipient stage fire" as a fire which is in the initial or beginning stage and which can be controlled or extinguished by portable fire extinguishers, class II standpipe or small hose systems without the need for protective clothing or breathing apparatus.

- Do use the PASS technique as described in Fire Extinguisher training.
- Do NOT attempt to extinguish a fire
  - That has become too large for a single extinguisher.
  - Places the fire between you and safe egress.
  - If you cannot see your safe egress.
  - Without alerting others.

### 5.4.2 Explosion

Explosive materials are not expected to be used or disposed of at the North CAMU or the RCA or elsewhere at the Facility. The only materials that might be present that represent an explosion hazard are fuels for on-site vehicles and equipment. In the unlikely event of an explosion, the Facility contractor will alert the emergency coordinator and outside emergency personnel.

It is imperative that extreme caution be utilized in assessing emergencies involving an explosion. The Facility contractor will assess the surroundings for the cause of the explosion. The contractor will look specifically for situations where another explosion is imminent or possible. If it is safe to do so, the contractor will remove ignition sources or other causes of explosion.

If there are no signs of further imminent explosions, the fire response will proceed as described above.

### 5.4.3 Tornadoes / Severe Weather / Flood

The following Severe Weather Sheltering Procedures should be followed when there is potential or confirmed severe weather in the area. The designated location to seek shelter for a tornado is the Frisco Police Department located at 7200 Stonebrook Parkway, approximately one mile to the south of the Facility along Parkwood Boulevard. The location is shown on Figure 1.

- In the event of severe weather (tornado, severe thunderstorm or flood watches/warnings), the EC or a designee will monitor the weather status of the area.
- If the local emergency siren blows, or in the event of imminent danger to the Facility, the EC or a designee will provide a verbal warning or notify Facility personnel using another means of communication.
- All employees and contractors should immediately stop work and turn off any equipment in the affected area or in the entire Facility if it is safe to do so, as warranted.
- In the event of a flood warning, equipment and materials should be moved to higher ground, if it is safe to do so. The priorities for a flood emergency are: protection of human health, environment and property; communication of hazardous conditions; and restoration of normal operations.
- For a tornado warning, employees and contractors should proceed by vehicle to the severe weather shelter at the Frisco Police Department in a calm and orderly manner. For a severe thunderstorm warning or flood warning, employees and contractors should seek shelters in vehicles or job trailers, or in areas of higher ground (for flood events).

- Employees and contractors should not leave the severe weather shelter until instructed to do so by the emergency coordinator or designee.
- The EC or designee shall monitor the current weather situation and local emergency services to determine when it is safe for employees and contractors to leave the severe weather shelter.
- After the all clear signal is given and it is safe to leave the severe weather shelter, EC or designee will perform a Facility walkover and follow the procedures for follow-up actions as indicated in Section 8 of this Plan.

#### 5.4.4 Material Spills

For material spills during loading, unloading, or transfer of waste or hazardous substances, the EC and/or contractors will don appropriate personal protective equipment, which may include gloves, disposable coveralls, protective boots, face shields/goggles, and respirators. Any nearby electrical power or potential ignition sources will be isolated.

The worst-case spill or release scenario would occur in connection with a release of materials from a truck prepared to dump waste into the North CAMU or RCA. This worst-case spill could involve up to 30 cubic yards of class 2 waste or waste exceeding applicable PCLs. Such quantity would not cause material to spill beyond the unit boundaries and could be readily contained, recovered, and appropriately placed into the appropriate waste management unit.

Spilled remediation wastes (already approved for disposal at the Facility) will be contained, removed, and transferred into the North CAMU or the RCA. Where necessary and as appropriate, the spill area(s) will be decontaminated or excavated to ensure complete cleanup. Surrounding soils will be sampled and analyzed for the presence of appropriate constituents to assure complete cleanup.

It should be noted that no liquid waste will be disposed in the North CAMU or the RCA. Therefore, any potential hazardous liquid spills would be related to maintenance chemicals, fuels, etc. Absorbent may be applied around liquid spills to contain and absorb free-standing liquid. If necessary, appropriate neutralizing agents would be applied prior to clean-up efforts. Any containers near the spill area would be moved to eliminate the possibility of other leaks. The leaking container would be transferred into a new container. Overpack drums would be packed with absorbent or pozzolanic reagents. Once controlled and absorbed, spilled material would be placed into a compatible empty drum.

In the event of a release, waste will be excavated and placed in compatible 55-gallon drums or roll-off boxes for bulk disposal, as appropriate. Surrounding soils will be sampled and analyzed for the presence of appropriate constituents to confirm effective clean-up.

Any drums and material generated from spill clean-up (other than waste already approved for disposal in the North CAMU or RCA as described above) will be properly labeled and sent to an approved off-site treatment and/or disposal facility. In the event materials are shipped off-site, appropriate manifest system, recordkeeping and reporting requirements will be used.

## 5.5 Prevention of Reoccurrence or Spread of Fires, Explosions or Releases

During an emergency, the EC will take all reasonable measures necessary to ensure that fires, explosions, or releases do not occur, recur, or spread. These measures could include stopping processes, traffic, and operations. Additionally, containers will be isolated or removed to prevent further involvement of the emergency event.

If a fire, explosion or release were to occur during loading, unloading or transfer of waste, the subject operations would cease. Trucks and/or other equipment involved would be moved from the incident area as directed by the EC. Where necessary and practicable, a trench excavation or a containment berm would be made by the heavy equipment in order to contain the release. If this is not practicable, absorbent booms or pads would be used to contain the release. Equipment used would be decontaminated at the point of the incident to limit any spreading by tires or tracks.

## 5.6 Wastewater Discharge

Leachate from the North CAMU is directed to a leachate storage tank and contact stormwater is directed to the Solar Evaporation Pond. If there are any releases of reportable quantities within a 24-hour period from the leachate storage tank or Solar Evaporation Pond, the EC or alternate will call as soon as possible to report the release. The call should go to both the Texas Commission on Environmental Quality (TCEQ) Region IV office spill reporting hotline (800-832-8224) and the National Response Center (NRC) (800-424-8802). See Appendix A for additional information.

## 6.0 EMERGENCY EQUIPMENT

A list of potential emergency equipment is provided as Appendix D and will be updated as needed. An up-to-date version of this list will be maintained at the on-site Exide trailer or will be available from an Exide representative or designated consultant or contractor following final closure activities. The list will include the location and a physical description of each item on the list and a brief outline of its capabilities.

Protective clothing and equipment will be provided to protect employees during normal and emergency operations. Such equipment may include, if necessary, first aid kit, gloves, goggles, disposable coveralls, and respirators. Monthly inspections are performed for the Automated External Defibrillators (AED) at the Facility and the eyewash and emergency showers are inspected weekly. AEDs will only be used in emergency situations and will only be operated by properly trained personnel. Inspections will also be performed after storms or emergency events.

The Frisco Fire Department has its own emergency equipment that is subject to the department's regular inspection and maintenance procedures to respond to any incidents that may occur. The City of Frisco provides fire suppression services for the Facility and has an Insurance Services Office, Inc. (ISO) Public Protection Classification (PPC) of 1 (best public protection on a scale of 1 to 10) based on Classification designated by the State Fire Marshal. Water is provided to the Facility by the City of Frisco and is accessible to City of Frisco emergency responders by hydrants available at the Facility (see Figure 1). The water pressure from the hydrants is sufficient for emergency response needs at the Facility. Fire hydrant flow test data is included in Appendix E.

## 7.0 EVACUATION PLAN

This Contingency Plan includes an evacuation plan for Facility personnel where there is a possibility that evacuation could be necessary. The following paragraphs describe notification and signals to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires).

### 7.1 Notification

If in the assessment of the emergency event the EC determines that evacuation of the Facility or local areas may be advisable, they will immediately notify Facility personnel by telephone or radio and appropriate local authorities by telephone, indicate the extent and type of emergency that exists (fire, spill, etc.), and make themselves available to help appropriate officials with evacuation planning. The foremost local authority is identified as the Frisco Fire Department (911).

In the event of an emergency where environmental contamination associated with reportable releases is imminent, in addition to notifying the Frisco Fire Department (911 emergencies), the following governmental agencies will be notified by the Exide Technologies EC or an alternate Exide Technologies contact:

Agency	Emergencies Notified for:	Telephone #
Frisco Fire Department	Any Potential fire or explosion	911 (Emergencies)
Frisco Hazardous Materials Team	Any hazmat Contingency Plan incident	911 (Emergencies)
Police Department	Any potential evacuation, traffic or security control	911 (Emergencies)
Emergency Medical Service	Any medical emergency	911 (Emergencies)
Collin County Local Emergency Planning Committee (Collin County Fire Marshal)	In the event of a reportable release	972-548-5576
TCEQ Region IV (State Emergency Response Commission, SERC)	All reportable spills or release incidents must be reported within 24 hours	800-832-8224 (24 hr)
National Response Center (NRC) Coast Guard	All reportable spills or releases – RQ	800 424-8802 (24 hr)

The emergency coordinator will provide the following information in the notification:

- Name and telephone number of reporter
- Name and address of facility

- Time and type of incident (e.g., release, fire)
- Name and quantity of material(s) involved, to the extent known
- The extent of injuries, if any
- The possible hazards to human health, or the environment, outside the Facility

Upon the determination that a reportable incident has occurred, the responsible person shall notify the agency as soon as possible but not later than 24 hours after the discovery of the spill or discharge.

In the event of emergencies involving leaks, fire, or explosions (which may require additional assistance), at the direction of the emergency coordinator, the qualified emergency response contractor will be contacted. RSI will be designated as the primary emergency response contractor. In the event that RSI is not available at the time of the incident, Sunbelt will be utilized as the local contractor for emergency response. RSI and Sunbelt will each have a copy of this Contingency Plan and will be trained on the contents of the plan.

## 7.2 Evacuation Routes

Any evacuation of the Facility will follow the normal emergency evacuation procedures as posted within the Exide trailer.

The primary evacuation Route is included as Figure 1. In general, the evacuation route from the North CAMU is to travel south along the west side of the North CAMU along the road and then to the east, exiting the Facility via Eagan Way. The evacuation routes from the RCA and the Exide trailer also travel east and exit the Facility via Eagan Way.

Any evacuation of the surrounding properties will be coordinated with the local fire and police departments.

## 8.0 POST-INCIDENT PROCEDURES

### 8.1 Storage and Treatment of Released Materials

Immediately after an emergency, the EC will provide for treating, storing, or disposing of recovered waste, contaminated soil or surface water, or any other material that results from a release, fire, or explosion at the Facility. When the emergency response and cleanup have been completed, all wash waters and disposable cleaning materials need to be contained and packaged as the same waste category as the waste involved in the emergency and disposed of in accordance with the regulations for that class of waste. The EC will ensure that, in the affected area(s) of the Facility, no waste that may be incompatible with the released material is treated, stored, or disposed until cleanup procedures are completed.

### 8.2 Post-Emergency Equipment Maintenance

All emergency equipment listed in this Contingency Plan will be cleaned and fit for its intended use before waste management operations are performed. Non-expendable items such as tools and material handling equipment are to be inspected and cleaned in an appropriate solvent or detergent and placed back in the original location. Inoperable emergency equipment will be serviced, repaired, or replaced.

All tanks and containerized waste will be thoroughly inspected for leaks, pressure build-up and structural integrity by the construction manager (during closure activities) or the EC. Any deficiencies will be immediately corrected.

### 8.3 Restoration

As soon as practical, but no later than 48 hours after an incident is concluded, the restoration process will be initiated. This process may include the following activities (or other activities as appropriate):

- Inspection and repair of waste management unit caps to their original integrity and Closure Plan specifications
- Any sampling and comparison to appropriate Texas Risk Reduction Program (TRRP) screening levels, with additional actions as required
- Reseeding of repaired cap surfaces in accordance with the original Closure Plan specifications
- Inspection and repair of any damaged Facility equipment, security fencing, flood wall, drainage structures, etc.

### 8.4 Required Written Reports

When this Contingency Plan is implemented to address fire, explosion, or release of reportable quantities of constituents, a follow-up notification letter will be delivered by Exide to the Texas Commission on Environmental Quality, Remediation Division, MC225, PO Box 13087, Austin, Texas 78711-3087, as soon as practicable, but no later than 15 days after the incident or within 5 days for unauthorized discharge to waters (per TPDES permit). If warranted, a written report or follow-up will be provided to the National Response Center (NRC) or other appropriate agencies (such as Environmental Protection Agency), as appropriate. The follow-up notice will update the following information included in the initial notification and provide information on actual response actions taken and advice regarding medical attention necessary for citizens exposed.

- Name, address, and telephone number of the owner or operator

- Name, address, and telephone number of the facility
- Date, time, and type of incident (e.g., fire, explosion)
- Name and quantity of material(s) involved
- The extent of injuries, if any
- An assessment of actual or potential hazards to human health or the environment, where this is applicable
- Estimated quantity and disposition of recovered material that resulted from the incident

An Incident Report form is included as Appendix C.

## 9.0 CONTINGENCY PLAN UPDATE, DISTRIBUTION AND CONTROL

### 9.1 Distribution and Coordination Agreements

Copies of this plan will be distributed, at a minimum, to the following local authorities and service agencies that may be summoned in the event of an emergency:

**FIRE DEPARTMENT/EMERGENCY MANAGEMENT:**

Frisco Fire Department (Central Fire Station)  
Mr. Mark Piland (Fire Chief/Emergency Management Coordinator)  
Mr. Jason Lane, Deputy Emergency Management Coordinator  
8601 Gary Burns Drive  
Frisco, TX 75034  
972-292-6300

**POLICE:**

Frisco Police Department  
Mr. John Bruce (Chief of Police)  
7200 Stonebrook Parkway  
Frisco, Texas, 75034  
972-292-6100

**CITY OF FRISCO**

Mack Borchardt  
Special Assistant to the City Manager  
City of Frisco  
6101 Frisco Square Blvd.  
5th Floor  
Frisco, Texas 75034  
972-292-5127

The Contingency Plan will be provided to these local emergency responders and the City of Frisco Management following the TCEQ's approval of the Closure Plan and this Contingency Plan. Exide will also provide a copy of the plan to any contractor or consultant requested by the City of Frisco. An offer will also be made to brief these organizations on the type of materials and activities involved at the Facility. Letters of notification and a copy of the Agreement Request to the above organizations are included as Appendix B. The Contingency Plan will be incorporated as an Appendix to the Site-Specific Health and Safety Plan (HASP) for the Site. The Contingency Plan and HASP will be provided to all on-Site workers and appropriate State or local oversight staff. If updates are made to the Contingency Plan, revised copies will be submitted to these organizations (and any contractors or consultants requested by the City of Frisco). Exide will consider input to this Contingency Plan from the City of Frisco if it is submitted to the Exide Emergency Coordinator in writing.

### 9.2 Updates/Amendments

Updates or amendments will be reviewed and immediately implemented if

- The Final Closure Plan is revised;
- This Plan fails in an emergency;

- The Facility design, construction, operation, maintenance, or other circumstances change to increase the potential for fires, explosions, or releases of hazardous wastes or hazardous waste constituents, or change the response necessary in an emergency;
- Emergency coordinators are changed; or
- Emergency equipment changes.

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## TABLES

**Table 1: Potential Types of Incidents**  
**Exide Technologies Frisco Recycling Facility**  
**Contingency Plan**

<b>Fire Incidents</b>	
<b>Type of Incident</b>	<b>Potential Response (See Section 5.4.1)</b>
Vehicle or equipment fire	Extinguish or notify and evacuate
Brush fire (lightning)	Extinguish or notify and evacuate
<b>Explosion</b>	
<b>Type of Incident</b>	<b>Potential Response (See Section 5.4.2)</b>
Explosion from vehicle or equipment	Notify
<b>Severe Weather</b>	
<b>Type of Incident</b>	<b>Potential Response (See Section 5.4.3)</b>
Tornado or severe thunderstorm watch	Notify and monitor weather
Tornado or severe thunderstorm warning	Notify, take cover in designated area of Exide trailer or at Frisco Police Department, and monitor weather
Ice/snow storm	Notify, monitor weather, and demobilize from Site as needed
Potential Flooding	Notify, monitor weather, move equipment/materials, and demobilize from Site as needed
<b>Material/Waste/Wastewater Spills</b>	
<b>Type of Incident</b>	<b>Potential Response (See Section 5.4.4 and 5.6)</b>
Waste spill (soil, sediment or other approved remediation waste)	Transfer waste to North CAMU or RCA, characterize and remove impacted surrounding soil (as appropriate)
Release of fuel or fluids from equipment or vehicles	Deploy spill kits, notify if needed, characterize and remove impacted surrounding soil (as appropriate).
Release of fuel from on-site storage tank (contractor portable tank)	Deploy spill kits, notify if needed, characterize and remove impacted surrounding soil (as appropriate)
Release from North CAMU leachate storage tank or solar evaporation pond	Deploy spill kits, notify if needed, characterize and remove impacted surrounding soil (as appropriate).

**Notes:**

- Notify – Notify emergency coordinator and all on-site personnel (i.e., Exide, contractors, visitors) of potential emergency.
- Evacuate – Follow evacuation procedures listed in Section 6.0 of the Contingency Plan.
- Extinguish – If fire is small and can be contained using portable fire extinguisher, contractor can attempt to extinguish if trained.

## FIGURES



LEGEND

- Disposal Area
- Remediation Consolidation
- Approximate North CAMU Extent
- Former Operating Plant Property Boundary
- Equipment Staging
- Proposed Flood Wall
- Evacuation Route
- Fire Hydrant
- Severe Weather Shelter

R. Bryan Luper  
5-29-19  
STATE OF TEXAS  
R. BRYAN LUPER  
83963  
PROFESSIONAL ENGINEER



REFERENCE

1. AERIAL IMAGERY - SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRIID, IGN, AND THE GIS USER COMMUNITY AND PLANT SITE TAKEN 4/1/2017

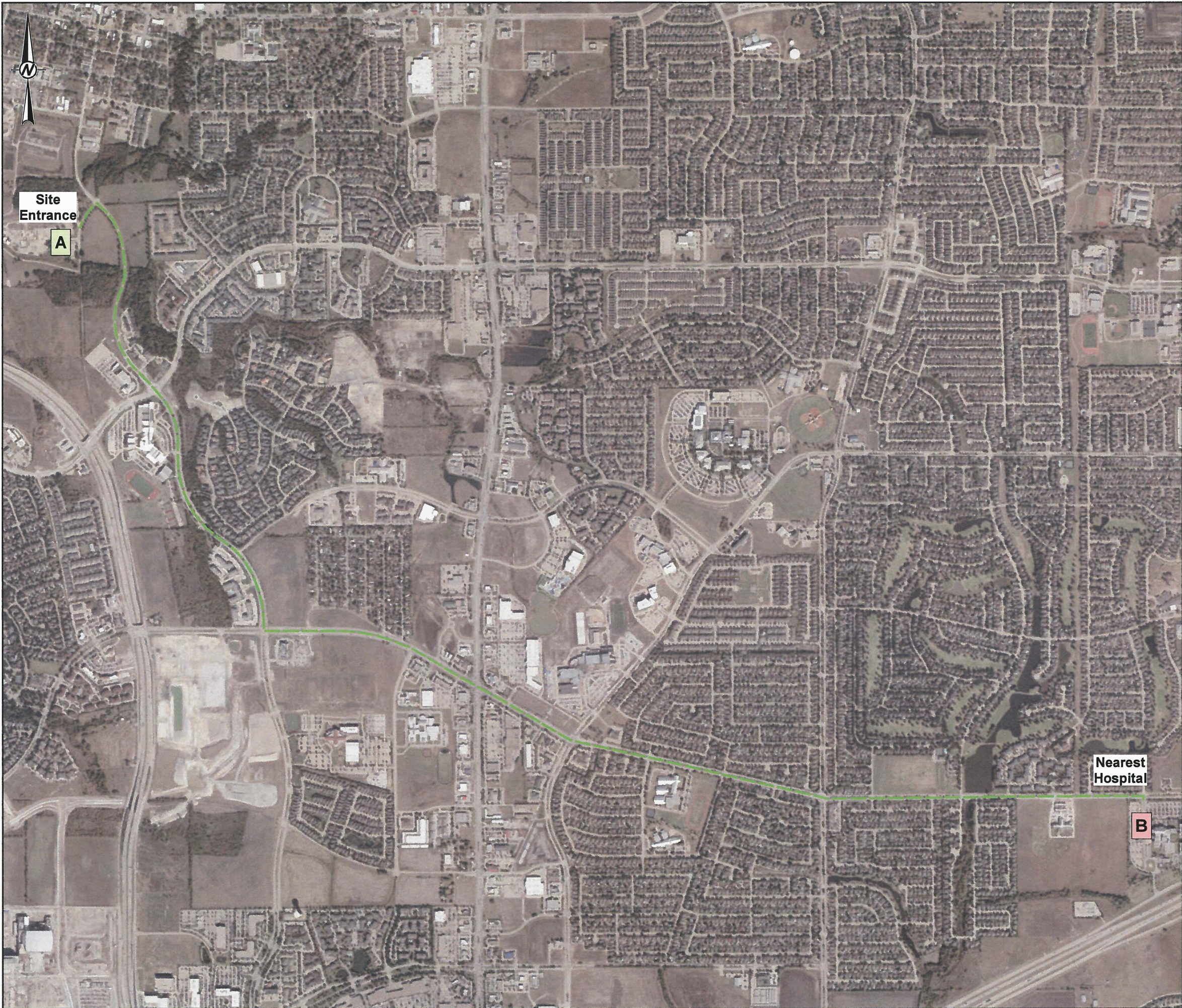
CLIENT  
EXIDE TECHNOLOGIES

PROJECT  
RCRA PERMIT RENEWAL

TITLE  
SITE LAYOUT AND EVACUATION ROUTE

CONSULTANT	YYYY-MM-DD	2019-05-06
	PREPARED	EFT
	DESIGN	EFT
	REVIEW	EPW
	APPROVED	AMF

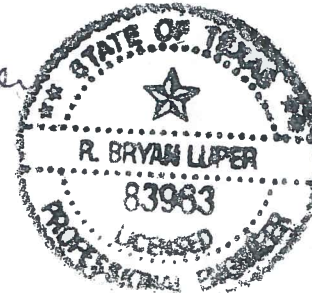
PROJECT No. 13-0208606 CONTROL 1302086ZF034.mxd Rev. 0 FIGURE 1



LEGEND

--- Route to Hospital

R. Bryan Luper  
5-29-19



A

Turn left onto Eagan Way  
▲ Restricted usage road

0.2 mi

➡

Turn right onto Parkwood Blvd

1.4 mi

↶

Turn left onto Lebanon Rd

2.7 mi

➡

Turn right at Palmetto Dr

367 ft

B

1,500 750 0 1,500  
Feet

REFERENCE

1. AERIAL IMAGERY - SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY AND PLANT SITE TAKEN 4/1/2017

CLIENT  
EXIDE TECHNOLOGIES

PROJECT  
RCRA PERMIT RENEWAL

TITLE  
HOSPITAL ROUTE

CONSULTANT	YYYY-MM-DD	2019-05-02
	PREPARED	EFT
	DESIGN	EFT
	REVIEW	EPW
	APPROVED	AMF



PROJECT No.  
13-02086-06

CONTROL  
1302086ZF035.mxd

Rev.  
0

FIGURE  
2

**APPENDIX A**

**EMERGENCY COORDINATORS  
AND EMERGENCY RESPONSE  
CONTACT NUMBERS**

## EMERGENCY RESPONSE CONTACT INFORMATION

---

### PRIMARY EMERGENCY COORDINATOR

Eduardo Salazar, Health and Safety Supervisor and Site Manager

Office

7471 Old 5<sup>th</sup> Street

Frisco, Texas 75034

Cell: (972) 786-5404

Office: (972) 335-2121

eduardo.salazar@exide.com

Home

5940 Madison Drive

The Colony, Texas 75056

### ALTERNATE EMERGENCY COORDINATOR

Brad Weaver, Remediation Director

Office

7471 Old 5<sup>th</sup> Street

Frisco, Texas 75034

Cell: (214) 893-4803

Office: (972) 335-2121

brad.weaver@exide.com

Home

3718 Bluegrass Drive

Grand Prairie, TX 75052

### OTHER EXIDE EMERGENCY CONTACTS

Office

Billy King, Operations Manager

7471 Old 5<sup>th</sup> Street

Frisco, Texas 75034

Office: (972) 335-2121

Cell: (214) 674-0197

billy.king@exide.com

### EMERGENCY (FIRE/POLICE/AMBULANCE)

911

## EMERGENCY RESPONSE CONTACT INFORMATION

---

### **FIRE DEPT/EMERGENCY MANAGEMENT**

Frisco Fire Department (Central Fire Station)  
8601 Gary Burns Drive  
Frisco, Texas, 75034  
(972) 292-6300

### **POLICE**

Frisco Police Department  
7200 Stonebrook Parkway  
Frisco, Texas 75034  
(972) 292-6000

### **TCEQ REGIONAL OFFICE**

Regional Director: Tony Walker  
2309 Gravel Drive  
Fort Worth, TX 76118-6951  
(817) 588-5800

Spill reporting: (800) 832-8224

### **LOCAL EMERGENCY PLANNING COMMITTEE**

Collin County Fire Marshal's Office  
Attn: Collin County LEPC  
4690 Community Ave #200  
McKinney, TX 75071  
(972) 548-5576

### **HOSPITAL**

Centennial Medical Center  
12505 Lebanon Road  
Frisco, TX 75035  
(972) 963-3333

### **PRIMARY RELEASE RESPONDER/CONTRACTOR:**

Remediation Services, Inc. (RSI)  
Grant Sherwood  
Office: 620-331-1200  
Cell: 918-671-6106

Sunbelt Contact Information  
Lance McClure  
Office: 972-492-5108  
Cell: 214-415-5219

## EMERGENCY RESPONSE CONTACT INFORMATION

---

### OTHER EMERGENCY NUMBERS

■ National Response Center	(800) 424-8802
■ Centennial Medical Center (ER)	(972) 963-3039
■ Frisco Medical & Surgical (Staff Doctor)	(972) 377-2447
■ Chemtrek	(800) 424-9300
■ The Spill Center	(800) 847-0959
■ National Poison Number	(800) 222-1222
■ Atmos Energy (gas) emergency number	(866) 322-8667
■ TXU (electricity) transmission and distribution utility for Lewisville and North Texas	(888) 866-7456
■ City of Frisco Water Resources Division	(972) 292-5800
■ Telephone (AT&T)	(800) 499-7928

Phone numbers on this page will be updated as needed and kept on file.

**APPENDIX B**

**NOTIFICATIONS**

May 29, 2019

130208606

**Jason Lane, Deputy Emergency Management Coordinator**

Frisco Central Fire Station  
8601 Gary Burns Drive  
Frisco, TX 75034

**RE: CONTINGENCY PLAN, EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER, FRISCO, TEXAS**

Dear Mr. Lane:

Golder Associates Inc. (Golder), on behalf of Exide Technologies (Exide), is providing the enclosed Contingency Plan for the Exide Technologies Frisco Recycling Center at 7471 Old Fifth Street in Frisco, Texas (Facility), which is in the process of being remediated and closed. The Facility is comprised of 89 acres and is located near the intersection of Parkwood Drive and Eagan Way/Old 5th Street. Exide is requesting that the Frisco Police and Fire Departments agree to be the primary emergency authorities responding to a potential emergency and 911 call from the Facility. We would be happy to meet with you to review the following:

- Layout of the facility
- Properties of materials at the facility and associated hazards
- Places where facility personnel generally work
- Entrances to roads inside the facility
- Possible evacuation routes

We are requesting that you review the attached Contingency Plan and sign and return the attached Agreement at your earliest convenience. If a Facility visit is desired, please suggest a date that is convenient for you. If there are any questions or comments regarding the enclosed Contingency Plan or a meeting, please contact Mr. Brad Weaver of Exide at (972) 335-2121.

Sincerely,

**GOLDER ASSOCIATES INC.**

*-DRAFT-*

Emily P. White  
Project Geological Engineer

*-DRAFT-*

Anne M. Faeth-Boyd, R.G., P.E. Missouri  
Associate and Senior Engineer

cc: Mr. Brad Weaver – Exide Technologies  
Ms. Aileen Hooks – Baker Botts

Attachments: Contingency Plan, Exide Technologies Frisco Recycling Center, Frisco, Texas

**Emergency Coordination Agreement  
Exide Technologies  
Frisco Recycling Center  
7471 Old Fifth Street  
Frisco, Texas 75034**

**Participating Agency or Organization: City of Frisco, Emergency Management**

The following information has been provided or discussed:

- Facility Contingency Plan
- The layout of the facility
- Properties of wastes handled at the facility and their associated hazards
- Places where facility personnel would normally be working
- Entrances to the facility
- Roads inside the facility
- Possible evacuation routes
- Types of injuries that could result from fires, explosions or releases at the Facility

Please state that your agency or organization has received the Contingency Plan and is in agreement to act as the primary emergency authority if an unexpected emergency were to take place.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Please return a signed copy of this agreement to:

Anne Faeth-Boyd  
Golder Associates  
13515 Barrett Parkway Drive  
Suite 260  
Ballwin, MO 63021

May 29, 2019

Project No. 130208606

**Mr. Mark Piland, Fire Chief/Emergency Management Coordinator**

Frisco Fire Department  
8601 Gary Burns Drive  
Frisco, Texas 75034

**RE: CONTINGENCY PLAN, EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER, FRISCO, TEXAS**

Dear Mr. Piland:

Golder Associates Inc. (Golder), on behalf of Exide Technologies (Exide), is providing the enclosed Contingency Plan for the Exide Technologies Frisco Recycling Center at 7471 Old Fifth Street in Frisco, Texas (Facility), which is in the process of being remediated and closed. The Facility is comprised of 89 acres and is located near the intersection of Parkwood Drive and Eagan Way/Old 5th Street. Exide is requesting that the Frisco Police and Fire Departments agree to be the primary emergency authorities responding to a potential emergency and 911 call from the Facility. We would be happy to meet with you to review the following:

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Sincerely,

**GOLDER ASSOCIATES INC.**

*-DRAFT-*

Emily P. White  
Project Geological Engineer

*-DRAFT-*

Anne M. Faeth-Boyd, R.G., P.E. Missouri  
Associate and Senior Engineer

cc: Mr. Brad Weaver – Exide Technologies  
Ms. Aileen Hooks – Baker Botts

Attachments: Contingency Plan, Exide Technologies Frisco Recycling Center, Frisco, Texas

**Emergency Coordination Agreement  
Exide Technologies  
Frisco Recycling Center  
7471 Old Fifth Street  
Frisco, Texas 75034**

**Participating Agency or Organization: City of Frisco, Emergency Management**

The following information has been provided or discussed:

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- Types of injuries that could result from fires, explosions or releases at the Facility

Please state that your agency or organization has received the Contingency Plan and is in agreement to act as the primary emergency authority if an unexpected emergency were to take place.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Please return a signed copy of this agreement to:

Anne Faeth-Boyd  
Golder Associates  
13515 Barrett Parkway Drive  
Suite 260  
Ballwin, MO 63021

May 29, 2019

Project No. 130208606

**Mr. John Bruce, Chief of Police**

Frisco Police Department  
8601 Gary Burns Drive  
Frisco, Texas 75034

**RE: CONTINGENCY PLAN, EXIDE TECHNOLOGIES FRISCO RECYCLING CENTER, FRISCO, TEXAS**

Dear Mr. Bruce:

Golder Associates Inc. (Golder), on behalf of Exide Technologies (Exide), is providing the enclosed Contingency Plan for the Exide Technologies Frisco Recycling Center at 7471 Old Fifth Street in Frisco, Texas (Facility), which is in the process of being remediated and closed. The Facility is comprised of 89 acres and is located near the intersection of Parkwood Drive and Eagan Way/Old 5th Street. Exide is requesting that the Frisco Police and Fire Departments agree to be the primary emergency authorities responding to a potential emergency and 911 call from the Facility. We would be happy to meet with you to review the following:

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We are requesting that you review the attached Contingency Plan and sign and return the attached Agreement at your earliest convenience. If a Facility visit is desired, please suggest a date that is convenient for you. If there are any questions or comments regarding the enclosed Contingency Plan or a meeting, please contact Mr. Brad Weaver of Exide at (972) 335-2121.

Sincerely,

**GOLDER ASSOCIATES INC.**

-DRAFT-

Emily P. White  
Project Geological Engineer

-DRAFT-

Anne M. Faeth-Boyd, R.G., P.E. Missouri  
Associate and Senior Engineer

cc: Mr. Brad Weaver – Exide Technologies  
Ms. Aileen Hooks – Baker Botts

Attachments: Contingency Plan, Exide Technologies Frisco Recycling Center, Frisco, Texas

**Emergency Coordination Agreement  
Exide Technologies  
Frisco Recycling Center  
7471 Old Fifth Street  
Frisco, Texas 75034**

**Participating Agency or Organization: City of Frisco, Emergency Management**

The following information has been provided or discussed:

- Facility Contingency Plan
- The layout of the facility
- Properties of wastes handled at the facility and their associated hazards
- Places where facility personnel would normally be working
- Entrances to the facility
- Roads inside the facility
- Possible evacuation routes
- Types of injuries that could result from fires, explosions or releases at the Facility

Please state that your agency or organization has received the Contingency Plan and is in agreement to act as the primary emergency authority if an unexpected emergency were to take place.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Please return a signed copy of this agreement to:

Anne Faeth-Boyd  
Golder Associates  
13515 Barrett Parkway Drive  
Suite 260  
Ballwin, MO 63021

**APPENDIX C**

# INCIDENT REPORT FORM

## **CONTINGENCY PLAN INCIDENT REPORT**

*Name, Address and Telephone Number of Owner or Operator:*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

*Name, Address and Telephone Number of the Facility:*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Incident Date: \_\_\_\_\_

Incident Time: \_\_\_\_\_

Type of Incident: \_\_\_\_\_

\_\_\_\_\_

Name and Quantity of Materials Involved: \_\_\_\_\_

\_\_\_\_\_

Extent of Injuries, if any: \_\_\_\_\_

\_\_\_\_\_

Assessment of actual or potential hazards to human health or the environment, where it applies:

\_\_\_\_\_

\_\_\_\_\_

Estimate quantity and disposition of recovered material that resulted from the incident:

\_\_\_\_\_

\_\_\_\_\_

Brief description of the incident: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Response Action Taken: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**APPENDIX D**

**EMERGENCY EQUIPMENT**

## EMERGENCY EQUIPMENT

Protective clothing and equipment will be provided to protect employees during normal and emergency operations. Such equipment may include, if necessary, first aid kit, gloves, goggles, and disposable coveralls. The following is a list of equipment available at the Site:

Equipment	Location	Physical Description	Capabilities
General tools (i.e., pipe wrenches, screwdrivers, hose clamps, wiring splice kits (for underwater), and electrical tape)	Exide trailer and wastewater treatment plant (WWTP)	Standard hardware and tape	General maintenance and emergency repairs
Fire extinguisher	Exide trailers, North CAMU and WWTP <sup>1</sup>	Standard, cylindrical, red fire extinguishers, ABC Type	Extinguish minor fires
Eye Wash Station and Showers	WWTP and stormwater treatment plant	<p>The eye wash station looks like a water fountain with a faucet on each side. There is a large sign labeled "Emergency Eye Wash" above the station. The facility also has a bottle eye wash station which consists of two bottles of saline solution stored on a dedicated rack on the wall.</p> <p>The shower looks like a free-standing showerhead. A large, triangular handle hangs from the top of the shower. There is a large sign labeled "Emergency Shower" on the piping.</p>	Decontamination of eyes and personnel
First Aid Supplies	Exide trailer	Standard first aid supplies	Band-aids, ointment, gauze, etc.
PPE (leather gloves, nitrile or latex gloves, Tyvek chemical resistant coveralls, safety goggles or glasses, respirators)	Exide trailer	Blue and/or white gloves, plastic-like overalls, clear goggles and glasses, and face masks	Hand, eye, and skin protection and protection from inhalation of hazardous chemicals
AED	Exide trailer	Small case, with handle, labeled "AED"	Cardiac emergency response
Walkie talkies for communication	Exide trailer	Small, hand-held, plastic devices	Communications
Flashlights	Exide trailer	Standard flashlights	Emergency lighting
Spill kits	Exide trailer and WWTP	Yellow bucket with absorbent pads	Small spill response
Water for emergency response	City of Frisco Hydrants	Municipal Water Supply	Extinguish major fires

<sup>1</sup> Note: Locations of the WWTP, SWTP and Exide trailer are depicted on Figure 1.

**APPENDIX E**

**FIRE HYDRANT FLOW TEST  
DATA REPORT**



PROGRESS IN MOTION

**Fire Hydrant Flow Test Data Report**

Address of Test: PARKWOOD BLVD & EAG

Work Order ID: 248961

Location Details: PARKWOOD BLVD & EAG

Date/Time of Test: 8/3/2018 10:30:26AM

Test Performed By: PURDOM, BLAKE A at the City of Frisco

---

**Static and Residual Hydrant**

Main Size

8

Static (PSI)

127

Residual (PSI)

98

**Flow Hydrant (Pitot)**

Main Size

8

Outlet Size Flowed

2.5

Pitot 1 (PSI)

25

Pitot 2 (PSI)

30

Coefficient

0.9

**Operating Levels of Nearest Elevated Water Tank**

Approximate Site Elevation (feet)

646

Level at Time of Flow Test (feet)

924

Water Normal Operating Range (feet)

921 to 941

**Flow (GPM)**

1,678

- 
- Note:**
- 1. The test result data is for reference only. The system must be designed in accordance with the 2006 International Fire Code with local amendments.*
  - 2. The test data must be modified to adjust the pressure for the lowest normal operating level of the tank with the level of the tank at time of the flow test.*
  - 3. The provided hydrant flow test information and the modification data of the hydrant flow test must be shown on the submitted drawings and hydraulic calculation sheets.*

FRISCO PUBLIC WORKS  
CITY OF FRISCO

11300 RESEARCH RD • FRISCO, TX 75034 • 972.292.5800 • FAX 972.292.5891 • WWW.FRISCOTEXAS.GOV





**[golder.com](http://golder.com)**