

Attachment 2 - Operations Plan

Waste Placement

Waste placement will be accomplished utilizing the same procedures as described for Phases I-IV. Daily cover will be applied to the working face slope as needed, final cover soils will be placed on perimeter slopes and the top of the cap as they reach final grade. Intermediate cover soils will be used as necessary to protect areas that may need to remain dormant for more than 30 days.

3.2 DESCRIPTION OF HANDLING PROCEDURES

3.2.1 General

The landfill is open for public and private disposal. Signs posted near the landfill entrance clearly indicate the following information:

- Types of wastes that are accepted
- Types of wastes not accepted
- Telephone numbers
- Hours of operation
- Recycling information
- Holidays – days of landfill operation
- Tipping fees
- Applicable regulations

All vehicles delivering wastes to the site must stop at the scale house. Scale house personnel will inquire as to the contents of each incoming load to screen for unacceptable materials. Any vehicle suspected of carrying unacceptable materials (liquid waste, sludges, or hazardous waste) will be prevented from entering the disposal site unless the driver can provide evidence that the waste is acceptable for disposal at the site. Emery County Landfill personnel reserves the right to refuse service to any suspect load. Vehicles carrying unacceptable materials will be required to exit the site without discharging their loads. If a load is suspected of containing unacceptable materials, the following information will be recorded: date, time, name of the hauler, driver, telephone number, license plate, and source of waste. The scale house personnel will then notify the tipping area operator by radio that a load is suspect and that load will be further inspected at the landfill tipping area before final disposal is allowed.

After a vehicle leaves the scale house, the vehicle will be routed to the appropriate discharge location by site personnel. Loads will be regularly surveyed at the tipping area. If a discharged load contains inappropriate or unacceptable material, the discharger will be required to reload the material and remove it from the landfill site. If the discharger is not immediately identified, the area where the unacceptable material was discharged will be cordoned off. The unacceptable material will be moved to a designated area for identification and preparation for proper disposal.

The operation of the landfill is documented on various forms. The forms that Emery County uses to help maintain an orderly processing of waste while minimizing the potential for environment impacts are:

- Routine Waste Inspection
- Landfill Recyclables Hauled Out
- Utah DIYer Used Oil Log
- Freon Extraction
- Landfill Waste Disposal Log
- Landfill Hot Load
- Landfill Gas Log
- Tailgate Safety Meeting Report

Copies of all forms are included in Appendix C.

3.2.2 Waste Acceptance

The Emery County Landfill utilizes customized spreadsheets to manage the landfill waste tracking. With this program Emery County is able to track all incoming waste as well as bill and receive payment from all customers. When a vehicle with waste stops on the scale; the scale operator identifies the load as to whether it is a commercial hauler, general public, or private individual with an account. All loads larger than a pickup are weighed and charged accordingly. Information pertaining to all transactions is stored on the in house computer at the Road Department. All records are backed up twice weekly to the main server at the County Court House. A monthly summary of all landfill transactions is created and kept on file at the landfill. Any or all transactions may be retrieved as necessary. After each load has been recorded, the driver is directed where to take the load. All loads with the exception of recyclables and green waste are directed to the working face where the waste is deposited for disposal.

Each load is visually inspected as it is discharged. Waste screening is done as needed or scheduled according to the procedures outlined in Section 3.3 Waste Inspection. No open burning is allowed. No smoking is allowed near the work face.

3.2.3 Waste Disposal

Wastes are dumped at the toe of the work face when possible and spread up the slope in one to two foot lifts, keeping the slope at three to one (horizontal to vertical) configuration. The waste may be deposited at the top of the working face depending on the configuration of the working face and the location of the working face in the disposal area.

Work face dimensions are kept narrow enough to minimize blowing litter and reduce the amount of material needed for daily cover. Typically, the width of the working face is two and one-half times the width of the compactor blade (40 feet). This facilitates complete compaction of the waste and keeps the width narrow enough to minimize amount of daily cover required.

Typically, the compactor is operated with the blade facing uphill. Equipment operations across the slope are avoided to minimize the potential of equipment tipping over. In addition to safety concerns, a toe of slope to crest of slope working orientation provides the following benefits:

- Minimizes blowing litter problems.
- Increases equipment compactive effectiveness.
- Increased visibility for waste placement and compaction.
- More uniform waste distribution.

Grade stakes are used when necessary to control cell height and top surface grade. The top of the surface grade ranges from 2 to 5 percent, and the cell height ranges from 8 to 10 feet.

Wastes are compacted by making three to five passes up and down the slope. Compaction reduces litter, differential settlement, and the quantities of cover soil needed. Compaction also extends the life of the site, reduces unit costs, and leaves fewer voids to help reduce vector problems. Care is taken that no holes are left in the compacted waste. Voids are filled with additional waste as they develop.

Intermediate cover is applied to all areas of the active cell that will not receive additional waste within 30 days. Intermediate cover consists of additional 12 inches of soil being placed over the 6 inches of daily cover soil.

3.2.4 Special Wastes

3.2.4.1 *Used Oil and Batteries*

The Emery County Landfill is a "Used Oil Recycle Center". When a customer has used oil to dispose of they fill out the form "UTAH DIYer USED OIL LOG" provided by UDEQ. A report generated from this form is turned in quarterly stating the amount of oil deposited and the customer's names. Batteries are not accepted at the working face. Emery County Landfill provides a pallet near the scale house where incoming batteries are stored until a sufficient number is generated to facilitate pickup by a local battery supplier.

3.2.4.2 *Bulky Wastes*

White goods are accepted at the landfill and are separated for recycling. All appliances containing refrigerants are segregated in a separate area. Refrigerant is removed from the damaged units and the recyclable appliances are set aside in a special area for recycling. Used cars are not accepted at the Emery County Landfill.

3.2.4.3 *Tires*

Emery County Landfill accepts small quantities of tires from the general public. Commercial haulers are prohibited from disposing of tires. Four passenger tires can be accepted with each load from the public. When sufficient quantities of tires are collected, a tire hauler is called and the tires are removed from the facility for recycling. If tire recycling is not feasible, tires are incorporated into the working face of the landfill.

3.2.4.4 *Dead Animals*

Dead animals are accepted at the landfill. Depending on landfill operations, a designated trench may be prepared for the acceptance of these animals. When a trench is utilized, the dead animals are placed in the trench and a minimum of 6" of cover soil is placed over the animals at the end of each day. In the event that the trench is not utilized, the dead animals are incorporated into the face of the landfill. The incorporation of the carcasses into the landfill is

accomplished by pushing up the toe of the face and depositing the animal in the bottom of the toe; waste is then pushed over the top of the animal.

3.2.4.5 *Asbestos Waste*

Emery County Landfill has developed asbestos management procedures to minimize the risk of asbestos related waste to humans and the environment. Emery County Landfill accepts on locally generated asbestos waste in a separate asbestos management area. Asbestos generators and transporters are required to make arrangements for asbestos disposal at a minimum of 24 hours prior to delivery to the landfill.

All asbestos waste management practices are as prescribed by UDEQ 315-315-2.

3.2.4.6 *Grease pit and Animal Waste By-Products*

Waste from restaurant grease traps and slaughterhouse by-products are accepted at the landfill. These wastes require 24 to 48 hour notice before disposal. If the waste passes the paint filter test, it is deposited in the dead animal trench or in the working face and covered daily. If excess liquid is present in the waste, the waste is unloaded on a specially prepared drying pad. The waste remains on the drying pad until the moisture has been sufficiently reduced to pass the paint filter test. Once the waste passes the paint filter test, the waste is deposited either in the dead animal trench or at the toe of the working face where it is immediately covered.

3.2.4.7 *Infectious Wastes*

The Emery County Landfill will occasionally accept potentially infectious waste (sharps from nursing home), specific waste handling procedures will be followed to minimize the potential human contact with the infectious waste. The following procedures will constitute the Infectious Waste Management Plan:

- Upon entering the landfill, the transporter of infectious waste shall notify the landfill operator that the load contains infectious waste.
- The infectious waste containers will be placed at the bottom of the working face with sufficient care to avoid breaking them.
- The infectious waste will be immediately and completely covered with a minimum of 12 inches of soil or MSW that contains no infectious waste.
- The infectious waste will not be compacted until the 12 inches of soil or MSW containing no infectious waste is in place.

3.2.4.8 Bulk or Containerized Liquid Waste

Bulk or containerized liquid waste will not be disposed of in the Emery County Landfill unless it is household waste. Liquids restrictions are necessary because the disposal of liquids into landfills can be a potential source of leachate generation. By restricting the introduction of free liquids into the landfill, Emery County Landfill personnel can minimize the leachate generation potential of the landfill. The ban on containerized free liquids will also reduce the problem of subsidence and possible damage to the final cover upon deterioration of the waste containers.

3.3 WASTE INSPECTION

3.3.1 Landfill Spotting

Learning to identify and exclude prohibited and hazardous waste is necessary for the safe operation of the Landfill. The SWT's are required to receive initial and periodic hazardous waste inspection training. SWT are required to take the SWANA waste screening training. Certificates of training are kept in the personnel files.

Hazardous wastes have either physical or chemical characteristics that could harm human health or the environment. A waste is considered hazardous if it falls into either of two categories: 1) a listed waste, or 2) a characteristic waste. Hazardous wastes are not accepted at the Emery County Landfill.

Small quantity generators (<100 kg/month) and household quantities are exempt from hazardous waste regulations. However, hazardous wastes are most likely to enter the Landfill mixed in with common household waste. Public education and periodic waste screening are the tools used to minimize the amount of inadvertent hazardous waste entering the landfill.

3.3.2 Random Waste Screening

Random inspections of incoming loads are conducted according to the schedule established by the SWTC. One or more commercial waste haulers and residential loads per week are selected randomly according to the schedule. If frequent violations are detected, additional random checks are scheduled at the discretion of the Landfill Manager.

If a suspicious or unknown waste is encountered, the SWT proceeds with the waste screening as follows:

- The driver of the vehicle containing the suspect material is directed to the waste screening area.
- The waste screening form is completed.
- Protective gear is worn (leather gloves, steel-toed boots, goggles, coveralls, and hard hat).
- The suspect material is spread out with the wheel loader or hand tools and visually examined. Suspicious marking or materials, like the ones listed below, are investigated further:
 - Containers labeled hazardous
 - Material with unusual amounts of moisture
 - Biomedical (red bag) waste
 - Unidentified powders, smoke, or vapors
 - Liquids, sludges, pastes, or slurries
 - Asbestos or asbestos contaminated materials
 - Batteries
 - Other wastes not accepted by the Landfill
- The Landfill Manager is called if unstable wastes that cannot be handled safely or radioactive wastes are discovered or suspected.

3.3.3 Removal of Hazardous or Prohibited Waste

Should hazardous or prohibited wastes be discovered during random waste screening or during tipping, the waste is removed from the Landfill as follows:

- The waste is loaded back on the hauler's vehicle. The hauler is then informed of the proper disposal options.
- If the hauler or generator is no longer on the premises and is known, they are asked to retrieve the waste and informed of the proper disposal options.
- The Landfill Manager arranges to have the waste transported to the proper disposal site and then bill the original hauler or generator.

A record of the removal of all hazardous or prohibited wastes is kept in the site operational records.

3.3.4 Hazardous or Prohibited Waste Discovered After the Fact

If hazardous or prohibited wastes are discovered in the landfill, the following procedure is used to remove them:

- Access to the area is restricted.
- The Landfill Manager is immediately notified.
- The SWT removes the waste from the working face if it is safe to do so.
- The waste is isolated in a secure area of the landfill and the area cordoned off.
- The Emery County Sheriff’s Department Hazmat Response Team is notified. The Response Team physically inspects the material and provides waste handling specifics for the disposal.

The DWMRC, the hauler (if known), and the generator (if known) is notified within 24 hours of the discovery. The generator (if known) is responsible for the proper cleanup, transportation, and disposal of the waste.

3.3.5 Notification Procedures

The following agencies and people are contacted if any hazardous materials are discovered at the Landfill:

- Wayde Nielson, Landfill Manager.....(435) 381-3510
- Southeastern Utah Health Department(435) 637-3671
- Director, DWMRC.....(801) 536-0200
- Emery Co. Sheriff’s Office(435) 381-2404

A record of conversation is completed as each of the entities is contacted. The record of conversation is kept in the site operational records.

3.4 MONITORING AND INSPECTION SCHEDULE

3.4.1 Groundwater

Emery County Landfill is not required to monitor groundwater as part of the landfilling operations; therefore, no inspections or maintenance activities are required.

3.4.2 Surface Water

Drainage control problems can result in accelerated erosion of a particular area within the landfill. Differential settlement of drainage control structures can limit their usefulness and may result in a failure to properly direct storm water off-site. Drawing 2 (Appendix A) illustrates the location of the storm water detention pond, location of the existing topographical features as well the overall site layout. Landfill staff will inspect the drainage system monthly. Temporary repairs will be made to any observed deficiencies until permanent repairs can be scheduled.

3.4.3 Leachate Collection

Leachate is not collected as part of the landfilling operations; therefore, no inspections or maintenance activities are required.

3.4.4 Landfill Gas

This facility is monitored for methane gas on a quarterly basis. Concentrations of methane gas are measured with a hand-held gas monitor. Gas readings are recorded at each end of the active cell, the shop, fuel tanks, scale house, and other random locations. Readings are recorded on the methane log sheet and kept on file in the scale house. Gas monitoring activities at the Emery County Landfill are performed by the local health department (Southeastern Utah Health).

If methane releases are detected in excess of 25 percent of the LEL, in the landfill building or more than 100 percent of the LEL at the property boundary, the procedure outlined in the “Explosive Gases” section is followed.

3.4.5 Inspection Documentation

The results of all routine inspections of site facilities will be recorded on inspection forms. The inspection forms will be submitted to the Landfill Manager for inclusion in the landfill operating records as required in Section R315-302-2(5) of the Rules. Copies of all landfill forms utilized to document landfilling activities are included in Appendix C.

3.5 CONTINGENCY AND CORRECTIVE ACTION PLANS

The following sections outline procedures to be followed in case of fire, explosion, ground water contamination, release of explosive gases, or failure of the storm water management system.

The SWTC has an on-site mobile communications system for use in an emergency to communicate with the management offices and off-site personnel. Additional available communication is via cell phone or the telephone located in the scale house, which will serve as the back-up communication system.

3.5.1 Fire

3.5.1.1 *Incoming Waste/ Incoming Vehicle Fire*

The potential for fire is a concern in any landfill. The Emery County Landfill personnel follows a waste handling procedure to minimize the potential for a landfill fire. If any load comes to the landfill on fire, the vehicle is directed to a designated section of the landfill, away from any exposed waste, and allowed to deposit the material. The designated area will vary depending on operational areas in use. The area will be readily accessible and within 1 or 2 minutes of the tipping area. The designated area will be isolated from the existing tipping area and will either be an excavated area with no underlying fill or at a location with a minimum of 1 foot of soil cover over underlying fill. In no case will a load thought to be burning be allowed to be dumped in the landfill.

Once burning waste is removed from the vehicle, the application of cover soil by landfill earth-moving equipment or the application of water by the on-site water truck to extinguish the fire can be carried out. Smothering the fire with soil is the preferred method. If, at any time, additional assistance is required, local fire-fighting units will be contacted. Once the burning waste cools and is deemed safe, the material is then be incorporated into the working face.

3.5.1.2 *Ground Fire/Below Cover Fire*

In the event that waste placed on the ground or waste that was previously covered erupts into fire, the material will be isolated from previously deposited waste as much as possible and the local fire department advised. This may be done by either moving burning wastes to another

area of the landfill or by concentrating the burning wastes using the landfill earth-moving equipment.

Once burning material is separated from other exposed waste, the application of cover soil by landfill earth-moving equipment or the application of water by a water tank truck to extinguish the fire can be carried out.

If, at any time, additional assistance is required, local fire-fighting units should be contacted as soon-as possible.

3.5.2 Explosion

In the event that an explosion should occur or seem eminent at the landfill or in any structure associated with the landfill site, all personnel in the area, including those in surrounding buildings, will be evacuated immediately. In addition, site equipment will be moved away from the scene, if possible.

All landfill personnel will be accounted for and local emergency personnel (fire, police) will be contacted and informed of the situation. The Landfill Manager will be immediately informed of the situation and will notify the Director immediately.

The explosion area will be restricted to both landfill personnel and residents until cleared for re-entry by local emergency personnel.

3.5.3 Release of Explosive Gases

Methane gas generation and concentration is not anticipated to be a problem at the Emery County Landfill. However, due to the production of methane in all landfills, landfill gas levels are monitored quarterly. If a concentration of methane is detected in excess of 25 percent of the LEL in a landfill building, 100 percent of the LEL at the property boundary, or over 100 parts per million in an off-site building, the following procedure is followed:

- All landfilling operations cease immediately. All personnel in the area, including those in surrounding buildings, will be evacuated immediately. In addition, site equipment will be moved away from the scene, if possible.
- All landfill personnel will be accounted for.

- Local emergency personnel (fire, police) will be contacted and informed of the situation.
- The Landfill Manager will be informed of the situation.
- The release area and surrounding area will be monitored with a combustible gas indicator (CGI) by landfill personnel and readings documented for placement into the operating record.
- The release area will be restricted to both landfill personnel and residents until cleared for re-entry by local emergency personnel.

The Emery County Landfill Manager will notify the Director immediately and prepare a written report to be submitted within 14 days of detecting the release. The gas levels detected and a description of the steps taken to protect human health are placed in the operating record within 60 days of detection and the Director is notified that the plan has been implemented.

3.5.4 Failure of Run-Off Containment

The purpose of the run-on/run-off control systems is to manage the storm water falling in or near the landfill. Water is diverted away from the landfill using a series of ditches. These ditches are inspected on a regular basis and repaired as needed. All water falling on the working face is unable to flow out of the working area due to surface depressions left by the compactor. All storm water falling or flowing near the active landfill cell is prevented from flowing into the active area by diversion berms and ditches.

If the run-on or run-off system fails, temporary measures such as temporary berms, ditches, or other methods are used to divert water from the active landfill cell. The following actions will be taken to minimize the impact to the facility:

- Landfill personnel will immediately suspend filling operations if containment failure is in an active fill area.
- Landfill personnel will use earth-moving equipment to construct temporary earthen berms in an effort to divert the flow of surface water away from the failure area and toward a holding area.
- The Landfill Manager will conduct damage assessment. A decision will be made as to whether the damage can be rectified by on-site personnel.

- If the damaged area cannot be reconstructed by on-site personnel, Emery County Landfill will notify the Emery County Road Department for assistance. If the damage is such that the Emery County Road Department cannot repair the damage within 1 week, the Emery County Landfill Manager will contact a contractor to either re-design the containment system or initiate repairs to the existing system.
- The Emery County Landfill Manager will provide the necessary notices to the Director and fully document the event in the operating record, including corrective action within 14 days.

3.5.5 Groundwater Contamination

If ground water contamination is ever suspected, studies to confirm contamination will be conducted and the extent of contamination documented. This program may include the installation of ground water monitoring wells. A ground water monitoring program would be developed and corrective action taken as deemed necessary, with the approval of the Director.

3.6 CONTINGENCY PLAN FOR ALTERNATIVE WASTE HANDLING

Based on historical operations and a history of never needing to close down the site, landfilling operations should not have to be suspended due to inclement weather conditions or interruption of service. Emery County Landfill believes that their past operating experience and cautious operating procedures will negate the need for alternate waste handling plans.

3.7 MAINTENANCE PLAN

The following subsections offer a description of the maintenance of installed landfill equipment systems.

3.7.1 Groundwater Monitoring System

Emery County Landfill is not required to monitor groundwater as part of the landfilling operations at the Emery County Landfill; therefore, no maintenance will be performed.

3.7.2 Leachate Collection and Recovery System

Leachate is not collected as part of the landfilling operations at the Emery County Landfill; therefore, no maintenance activities will be performed.

3.7.3 Gas Collection System

Emery County Landfill is not required to collect landfill gas as part of the landfilling operations at the Emery County Landfill; therefore, no maintenance will be performed.

3.8 DISEASE AND VECTOR CONTROL

The vectors encountered at the Emery County Landfill are flies, birds, mosquitoes, rodents, skunks, and snakes. Due to the rural location of the landfill, stray house pets are occasionally encountered at the landfill. The program for controlling these vectors is as follows:

3.8.1 Insects

Eliminating breeding areas is essential in the control of insects. Emery County Landfill minimizes the breeding areas by covering the waste daily and maintaining surfaces to reduce ponded water. The mosquito abatement district personnel assist the landfill as necessary.

3.8.2 Rodents

Reducing potential food sources minimizes rodent populations at the landfill. To date, no significant numbers of mice or rats have been observed. The potential food sources are minimized by properly applying daily cover.

In the event of a significant increase in the number of rodents at the landfill, a professional exterminator will be contacted. The exterminator would then establish an appropriate protocol for pest control in accordance with all county, state and federal regulations.

3.8.3 Birds

The Emery County Landfill has had minimal problems with birds (crows). Good landfilling practices of waste compaction, daily covering of working faces, and the minimization of ponded water has to date alleviated most of the bird problems. When the occasional need arises, the birds are encouraged to leave by using cracker and whistler shells.

3.8.4 Household Pets

Because of the landfill's location, some stray cats and dogs have wandered onto landfill property. When stray animals are encountered (and can be caught), they are turned over to the animal shelter. If we are unable to apprehend the animals, they are chased off the property.

3.8.5 Wildlife

Emery County Landfill has a variety of wildlife located on or near the landfill property. Wildlife includes deer, snakes, foxes, skunks, and coyotes. The only operational problems with wildlife to date have been with an occasional skunk or snake. When problem skunks or snakes are encountered, they are exterminated. If other site wildlife becomes a problem, the landfill will coordinate with the Division of Wildlife Resources to provide methods and means to eliminate the problem.

In the event that any of these vectors become an unmanageable problem, the services of a professional exterminator will be employed.

3.8.6 Fugitive Dust

The roads leading to the landfill and the landfill face are paved, however; landfill construction activities and daily traffic produce a certain amount of dust. Landfill activities compounded by the occasional high wind present a fugitive dust problem. If the dust problem elevates above the "minimum avoidable dust level", the landfill applies water to problem areas.

The landfill personnel have access to a water truck that is maintained by the Emery County Road Department. Water is applied to the unpaved surfaces receiving traffic within the landfill in compliance with the Utah Division of Air Quality requirements. Water or a dust palliative is applied as often as needed in order to control the dust on site.

3.8.7 Litter Control

Due to the nature of landfilling operations, litter control is an ongoing problem. Landfill personnel perform routine litter cleanup to keep the landfill and surrounding properties clear of windblown debris.

Whenever possible, the working face is placed downwind so that blowing litter is worked into the landfill face. During windy conditions, landfill personnel minimize the spreading of the waste to reduce the amount of windblown debris

3.9 RECYCLING PROGRAM

Emery County Landfill has a somewhat limited recycling program due to its relatively small daily waste streams and the logistical remoteness from viable recycling markets.

Metal products are periodically separated from the landfill waste stream when practical and when the recycled metal market will pay for the costs of the metal diversion. The exception to the metal recycling program as stated above is when large structural members are exposed in the waste stream, those structural members are set aside for County use.

Appliances are inspected with recyclable units being set aside for recycling by a local appliance dealer. Useable paints and some building materials are set aside weekly for "give and take" reuse by landfill patrons.

The Emery County Landfill serves as an oil recycling center. Do-It-Yourselfers oil and antifreeze are gathered and disposed of under the guidelines of the State program. Batteries brought to the landfill or discovered as part of the daily operation are collected and stored on a pallet to be recycled by a local battery dealer.

A modest effort is made to separate and compost clean organic matter. The organic matter is made available to the public at no cost.

3.10 TRAINING PROGRAM

Emery County Landfill personnel are trained on how to identify unacceptable waste including liquid wastes, sludge, potential regulated hazardous waste, and PCB wastes. Personnel trained include the SWTC, and all SWT. The training emphasizes methods of identifying containers and labels typical of hazardous and PCB waste. The training also address the proper handling of unacceptable waste. All employees have received on the job training in landfill operations and waste screening. This training includes operations and safety training. New employees will receive training during their first 3 months of employment. The Landfill Manager will be trained

and certified as a Manager of Landfill Operations (MOLO). Upon completion of 5 years of landfill experience, the SWTC will receive the MOLO training.

3.11 RECORDKEEPING

Emery County Landfill personnel will maintain an operating record which will be available at the Emery County offices. This record will include inspection records, training procedures, notification procedures; methane monitoring results and remediation plans, if required; closure and post-closure care plans; financial assurance documentation and cost estimates.

Records will be kept throughout the life of the facility, including post-closure care. Documents will be organized, legible, dated, and signed by the appropriate personnel. The information in the operating record will be available to citizens through the Utah Government Records Access Management Act (GRAMA).

3.11.1 Weights or Volumes of Incoming Waste

Emery County Landfill will record and retain in the operating record all documentation made with respect to any weights or volumes of incoming wastes as allowed by State of Utah Administrative Rule R315-302-2. An annual summary of scale records will also be placed into the operating record.

3.11.2 Number of Vehicles Entering Facility

Emery County Landfill will record and retain in the operating record all documentation made with respect to the number of vehicles entering the facility as allowed by State of Utah Administrative Rule R315-302.

3.11.3 Types of Wastes Received Each Day

Emery County Landfill will record and retain in the operating record all documentation made with respect to the types of waste received each day at the facility as allowed by State of Utah Administrative Rule R315-302.

3.11.4 Deviation from Approved Operations Plan

At any time during the operational life or post-closure care period of the Emery County Landfill, UDEQ may set alternative schedules for recordkeeping and notification. However, it is anticipated that any modifications to the schedule for recordkeeping will be discussed with Emery County Landfill personnel prior to official notice from the State of Utah.

3.11.5 Training Procedures

Emery County Landfill will record and retain in the operating record all documentation made with respect to any training programs or procedures as allowed by State of Utah Administrative Rule R315-302.

3.11.6 Inspection Log or Summary

Emery County Landfill will record and retain in the operating record all documentation made with respect to any inspection logs or summary sheets as allowed by State of Utah Administrative Rule R315-302

3.11.7 Closure and Post-Closure Care Plans

Emery County Landfill will record and retain in the operating record all documentation made with respect to the closure and post-closure care plans as allowed by State of Utah Administrative Rule R315-302-3.

3.11.8 Cost Estimates and Financial Assurance Documentation

Emery County Landfill will record and retain in the operating record all documentation made with respect to the cost estimates and financial assurance documentation as allowed by State of Utah Administrative Rule R315-309.

3.11.9 Other Records as Required by the Director

Emery County Landfill will record and retain in the operating record all documentation made with respect to other processes, variances, and violations as required by the State of Utah.

3.12 SUBMITTAL OF ANNUAL REPORT

Emery County Landfill will submit a copy of its annual report to the Director by March 1 of each year for the most recent calendar or fiscal year of facility operation. The annual report will include facility activities during the previous year and will include, at a minimum, the following:

- Name and address of facility.
- Calendar or fiscal year covered by the annual report.
- Annual quantity, in tons or volume, in cubic yards, and estimated in-place density in pounds per cubic yard of solid waste handled for each type of treatment, storage, or disposal facility, including applicable recycling facilities.
- Annual update of required financial assurances mechanism pursuant to Utah Administrative Code R315-309.
- Results of gas monitoring.
- Training programs completed.

3.13 INSPECTIONS

The Landfill Manager, or his/her designee, will inspect the facility to prevent malfunctions and deterioration, operator errors, and discharges that may cause or lead to the release of wastes to the environment or to a threat to human health. These inspections will be conducted on a quarterly basis, at a minimum. An inspection log will be kept as part of the operating record. This log will include at least the date and time of inspection, the printed name and handwritten signature of the inspector, a notation of observations made, and the date and nature of any repairs or corrective actions. Inspection records will be available to the Director or an authorized representative upon request.

3.14 RECORDING WITH COUNTY RECORDER AND THE STATE OF UTAH

Plats and other data, as required by the County Recorder, will be recorded with the Emery County Recorder as part of the record of title no later than 60 days after certification of closure. Additionally, Emery County Landfill will submit proof of record of title filing to the Director.

3.15 STATE AND LOCAL REQUIREMENTS

The Emery County Landfill will maintain compliance with all applicable state and local requirements including zoning, fire protection, water pollution prevention, air pollution prevention, and nuisance control.

3.16 SAFETY

Landfill personnel are required to participate in an ongoing safety program. This program complies with the Occupational Safety and Health Administration (OSHA), and the National Institute of Occupational Safety and Health (NIOSH) regulations as applicable. This program is designed to make the site and equipment as secure as possible and to educate landfill personnel about safe work practices.

First Aid and CPR training is provided to all landfill personnel by the Emery County Road Department Safety Technician every 2 years. The name of each person to have a first aid certificate is posted beside the telephone numbers. It is preferable to have one first aid certified personnel on site during all normal operating hours.

3.17 EMERGENCY PROCEDURES

In the event of an accident or any other emergency situation, the Equipment Operator notifies the Landfill Operator Crewleader who immediately contacts the Landfill Manager and proceeds as directed. If the Landfill Manager is not available, the Landfill Operator Crewleader calls the appropriate emergency number posted by the telephone. The emergency telephone numbers are:

- Emery County Central Dispatch 911
- Fire Department..... 911
- Emery County Sheriff’s Office(435) 381-2404
- Utah Highway Patrol(435) 637-0893
- Castleview Hospital(435) 637-4800
- Wayde Nielson, Landfill Manager.....(435) 381-3510

Routine Waste Inspection Form

Date: _____ Time: _____

Truck Type: _____

Hauler: _____ License/Truck #: _____

Source of Material: _____

Other Information: _____

WEATHER: GOOD__ FAIR__ POOR__ WET__ DRY__ WINDY__

Waste Composition

Composition	Percent by Volume (estimated)
Food Wastes	
Paper/Cardboard	
Plastics	
Textiles/Rubber/Leather	
Dirt/Ashes/Brick	
Vegetative Wastes	
Wood	
Glass	
Metals	
Household Hazardous Waste	
Tires	
Drywall	
Other Hazardous Wastes	

Comments:

Inspector Signature: _____

Date: _____

Approval: _____ Date: _____

"Do it Yourself" Used Oil Collection Log Sheet

Acceptable Oils: Motor Oil Transmission Fluids Hydraulic Oil

Unacceptable Materials: (These cannot be mixed with acceptable oils.)				
Anti-Freeze	Gasoline	Parts Cleaner	Solvents	Insecticide
Paints	Varnishes	Thinners	Pesticides	

By filling out this log, I certify my oil only contains "Acceptable Oil" as listed above.

<u>Name</u>	<u>Address (Include City)</u>	<u>Date</u>	<u>Amount in gallons</u> (4 quarts = 1 gallon)
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons
_____	_____	_____	_____ gallons

Collection Center Name _____
UOCC # _____ Address _____

TOTAL _____ gallons

State of Utah, Division of Solid & Hazardous Waste
P.O. Box 144880 Salt Lake City, UT 84114-4880
Call: 1-800-458-0145 for information or more forms

White Copy – After transport send to the above address

Yellow Copy – Collection Center Files

Pink Copy – Transporter Copy
March 2004

Emery County Municipal Landfill

HOT LOAD

Weather Conditions: _____

Date of Incident: _____ Time of Incident: _____ am/pm

Name of Carrier bringing in Hot Load: _____

Name of Driver: _____ Drivers License #: _____

Vehicle License #: _____ Vehicle Make or ID #: _____

1. Did driver advise employee that he had a hot load? Yes _____ No _____

Explain: _____

A. What instructions were given to the driver? _____

B. Where was the Hot Load deposited for observation? _____

C. Were Hot Load procedures followed? Yes _____ No _____ If no explain _____

D. Did screener communicate Hot Load information to the operator? Yes _____
No _____ If no explain _____

E. Did operator follow Hot Load to site? Yes _____ No _____ If no explain _____

2. Was the Landfill Supervisor called: Yes _____ No _____ If no explain _____

3. Was the Fire Department called to respond? Yes _____ No _____ If no explain _____

A. Name of responding Fire Department(s): _____

B. Number and type of fire units responding: _____

C. Method used by firefighters: Water _____ Other _____
If other explain _____

D. Name of Fire Crew Chief(s) at scene: _____

4. Was the Sheriff's Office called? Yes _____ No _____ If no explain _____

5. Were Landfill operational procedures followed? Yes _____ No _____ If no explain _____

6. Describe incident in detail: _____

7. Was this an avoidable incident? Yes _____ No _____ If yes explain _____

A. How could this incident have been avoided? _____

8. Was there property damage? Yes _____ No _____ If yes explain _____

9. Was damaged property insured: Yes _____ No _____

A. Insurance Company or Agency Name and Policy #: _____

10. Employee comments regarding incident/accident: _____

Operator's Signature _____

Screeners's Signature: _____

Supervisor's Signature: _____

Date: _____

LANDFILL



Moving Toward The Future

METHANE GAS MONITORING

DATE: _____

TIME: _____

<u>LOCATION</u>	<u>GAS DETECTED</u>	<u>NONE</u>
Fence - Northwest Corner	<input type="checkbox"/> _____	<input type="checkbox"/>
Fence - Northeast Corner	<input type="checkbox"/> _____	<input type="checkbox"/>
Fence - Southwest Corner	<input type="checkbox"/> _____	<input type="checkbox"/>
Fence - Southeast Corner	<input type="checkbox"/> _____	<input type="checkbox"/>
Landfill Office	<input type="checkbox"/> _____	<input type="checkbox"/>
Landfill Entrance	<input type="checkbox"/> _____	<input type="checkbox"/>
Block Building	<input type="checkbox"/> _____	<input type="checkbox"/>
Maintenance Building	<input type="checkbox"/> _____	<input type="checkbox"/>
Covered Area	<input type="checkbox"/> _____	<input type="checkbox"/>
Operating Face	<input type="checkbox"/> _____	<input type="checkbox"/>

Signature

Tailgate Safety Meeting Report

Conducted by: _____ Date: _____

- Topic(s): 1. _____
2. _____
3. _____

(Write any comments on the back of this sheet)

Meeting Attendance

Print Your Name

Sign Your Name

1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____
6. _____	_____
7. _____	_____
8. _____	_____
9. _____	_____
10. _____	_____
11. _____	_____
12. _____	_____
13. _____	_____
14. _____	_____
15. _____	_____
16. _____	_____
17. _____	_____
18. _____	_____
19. _____	_____
20. _____	_____

False certification is punishable under section 110 (a) and (f) of the Federal Mine Safety and Health Act

I certify that the above training has been completed

(Signature of person responsible for health and safety training)

(Date)