

Attachment #2 – Operations Plan

2.4 PLAN OF OPERATION

In accordance with UAC, copies of this Plan of Operation are kept on file at the Coop's Class I Landfill office in the White Hills near Mayfield, Utah.

2.4.1 Schedule of Construction

The Class IVb facility was built just north and east of the closed Class II Landfill. The Coop stopped accepting municipal waste at the Class II Landfill on or about June 30, 2001, and final cover has been applied to all of the municipal waste cells. The site has been graded and filled. Drainage structures have been built at the Landfill, where necessary, to provide run-on control for the closed Class II Landfill as well as the current Class IVb facility.

The new facility is using existing access roads, and the property is fenced and gated. Initially, waste was placed in trenches which were excavated in natural soils north of the closed Municipal solid waste Landfill.

The new Class IVb Landfill opened in the Summer of 2001, operating in accordance with a permit application submitted to the Utah Division of Solid and Hazardous Waste in April 2001.

2.4.2 Solid Waste Handling Procedures

The facility is open Wednesdays and Saturdays year-round from 10:00 a.m. to 4:00 p.m. The following information is posted at the gate:

**CHESTER CONSTRUCTION AND DEMOLITION DEBRIS LANDFILL
Property of Sanpete Sanitary Landfill Cooperative**

**Hours of Operation:
10:00 a.m. to 4:00 p.m.
Wednesdays – Saturday Only
Closed on Holidays**

Closed All Other Days, Except by Appointment

**HOUSEHOLD WASTES ARE PROHIBITED
DUMP ONLY IN DESIGNATED AREAS
SCAVENGING IS STRICTLY FORBIDDEN
LIQUIDS AND HAZARDOUS MATERIALS ARE PROHIBITED
FURNITURE AND STYROFOAM ARE PROHIBITED**

IN CASE OF EMERGENCY, CONTACT:

**LeeAnn Hansen, Solid Waste Management Contractor
Office: (435) 427-3815 Home (435) 427-3812**

Equipment to operate the facility includes a rubber-tired Volvo 160 front end loader and a 973 Cat Crawler. The equipment is shared with the Coop's Class I Landfill west of Mayfield.

The facility accepts construction/demolition waste, yard waste, and inert waste for land filling. Appliances are accepted for storage until such time as they are removed by a salvage operator or recycler. The waste storage and recycling areas are separated from the active portion of the Class IVb facility by the access road.

The following is a description of on-site solid waste handling procedures:

1. All incoming vehicles are met at the gate by the Landfill Operator. A description of the vehicle and its load are then recorded in the Daily Log.
2. All materials brought into the site are placed in the designated areas as outlined below at the time they are brought in.
3. Scrap Metal
 - i. Scrap metal is stored in a separate area of the Landfill neat the check in facility.
 - ii. Scrap metal is recycled periodically be a contract salvage company. The salvage company is selected by the Coop.

4. Tires

The Landfill accepts small quantities of tires for a fee.,

The tire recycler is selected in accordance with the Utah Waste Tire Recycling Act of 1995, Section 26-32a-107.7. Detailed records are kept showing the number of tires, the date of pickup, and the name and license number of the receiving tire recycler.

5. Construction Debris

All construction/demolition waste that can be accepted at the site will be placed in an active disposal cell. Imported soil and other materials suitable for use as cover or fill material may be stockpiled.

6. Yard Waste

Yard waste will be stockpiled for either permitted burning or buried in an active disposal sell and covered with six inches of soil as needed to prevent a fire hazard.

7. Scavenging is prohibited.

2.4.3 Contingency Plans in the Event of Fire or Release of Explosive Gases

In the event of an accidental fire or explosion, two fire extinguishers will be kept at the site: one on the front-end loader and one in the operator's truck. If the fire cannot be extinguished or smothered with dirt, the operator will call 911 or radio for help. The Landfill Operator will immediately notify the Landfill Contractor's office of the situation.

If a release of explosive gases is detected by some other means than the observation of a fire or explosion, the Landfill gate will be closed. All personnel shall be evacuated from the Landfill, and the operator will call 911 or radio for help.

If for some reason the radio is not working, the Landfill Operator will close the Landfill gate and go personally to the fire department to raise the alarm. The fire department is located approximately 5 miles from the Landfill at 625 South 100 East in Ephraim.

Before departing, the operator will evacuate all personnel from the Landfill. The operator will not leave the vicinity except when safety is paramount, or unless directed to leave by the fire department. The fire chief will be made aware of the type of waste that is on fire and any hazards that may be encountered.

The Landfill Contractor, the Coop, and the UDEQ must be notified of landfill fires and explosive gas emissions immediately. A written report will be submitted to the UDEQ within 14 days of the event.

EMERGENCY TELEPHONE NUMBERS	
Facility	Number
LeeAnn Hansen, SWM Contractor	(435) 427-3812 Home (435) 427-3815 Office (435) 469-1105 Cell
Health Department	(435) 462-2449
Sheriff's Office	(435) 835-2345 (435) 896-2780
County Fire Marshall	(435) 835-2191

2.4.4 Alternative Waste Handling and Disposal

During periods when the facility is not able to accept and dispose of wastes (in case of equipment breakdown or other unforeseen events), the Class IVb waste materials can be stockpiled on the site. As required by regulation, waste is transported to the Sanpete County Class I Landfill.

Dead animals will generally be routed to the Class I Landfill but can be accepted by the Class IVb facility operator when unforeseen conditions require such acceptance. If it is impossible for either the Class I or the Class IVb Landfill to accept them, dead animals shall be deposited into an excavated dead animal pit and covered daily with a minimum of six inches of earth to minimize odors and the propagation and harborage of rodents or insects.

2.4.5 Procedure for Excluding Prohibited Waste and PCBs

The Sanpete County Class IVb facility is designed to only accept inert waste, construction/demolition waste and yard waste. The facility will temporarily store scrap metal for recycling outside the active Landfill trench areas.

Wastes will only be accepted when an operator is on duty. The Landfill Operator will meet all vehicles at the gate and each load will be visually inspected. The facility will be fenced and locked to deny access whenever the operator is not there.

2.4.5.1 Waste Screening

This facility is expected to accept less than 30 tons (approximately one ton per truck load) each day. Minimum random waste screening will be performed: at least one (1) truck load per week will be screened. However, more frequent random inspections of incoming loads may be conducted according to the schedule determined by the Landfill Contractor.

The Solid Waste Association of North America (SWANA) recommends that one load per week be considered the minimum effort required to show a good faith effort at a municipal solid waste facility.

The random waste Screening form will be used to document all random inspections (a copy of the form has been provided as Attachment 4). The load will be refused if any prohibited or suspicious wastes are found. The operator will screen for the refuse and refuse to accept the following materials:

- Household garbage or materials other than construction/demolition waste, inert waste, or yard waste (except for appliances and car bodies which may be stored temporarily);
- Asbestos or asbestos contaminated materials;
- Contaminated soils or tanks resulting from remediation or clean up of any release or spill;
- Waste paints, solvents, sealers, adhesives or similarly hazardous or potentially hazardous materials;
- Liquids or containers (including drums) that have been used to contain liquids;
- Hazardous waste and waste that contains or is labeled with stickers, signs, or other markings indicating the presence of radioactive or other hazardous materials;
- Sludge and septage;
- Batteries;
- Dead animals, except when conditions require such acceptance;

- Medical wastes (usually enclosed in red bags); and
- Wastes that may be contaminated with PCBs, including electric transformers and lubricating oils.

2.4.5.2 Waste Screening Procedure

Waste screening will be conducted as follows:

- 1) The driver will be directed to the waste screening area near the active cell. Unauthorized personnel will not be allowed to enter the area.
- 2) The waste screening form will be completed.
- 3) Protective gear will be worn (gloves, goggles, and a hard hat).
- 4) The material will be spread with the loader or hand tools and examined visually. Suspicious markings or materials, like those listed above, will be carefully investigated further.
- 5) The Sheriff's Department will be called if unstable wastes that cannot be handled safely or radioactive wastes are discovered or suspected. Proper notifications as outlined in the section for refusing waste (see below) will be made if any hazardous wastes are discovered.

If the wastes are deemed acceptable for either land filling or temporary storage, as defined in the permit, the wastes will be transported to the appropriate area.

Once the load has been paid for, a receipt will be given to the driver before he leaves the Landfill.

2.4.5.3 Procedures for Refusing and Removing Wastes

Should non-hazardous prohibited wastes, or other wastes unacceptable for at a Class IVb facility (such as household garbage), be discovered either during random waste screening or during placement in the Landfill unit, the following options will be utilized to remove these wastes from the Landfill:

1. Wastes can be loaded back onto the hauler's vehicle. The hauler will be informed of the proper disposal options
2. If the hauler or generator is no longer on the premises and is known, he or she will be asked to retrieve the waste and given information on proper disposal; or
3. The County can transport the waste to the Class I facility and bill the original hauler/generator.

If the operator feels that the load contains hazardous wastes or PCBs, he will notify the proper authorities (County Sheriff Department, County Health Department, UDEQ, and Highway Patrol).

The operator will make a notation in the waste screening form and logbook of all loads turned away and why they were turned away. The operator will also notify the Landfill Contractor.

Hazardous Wastes Discovered After the Fact

If hazardous wastes or wastes containing PCBs are discovered to have been inadvertently accepted (i.e., once the hauler has left the premises) the procedure below will be followed:

1. Access to the area will be restricted.
2. The situation will be carefully assessed. The Sheriff's Department will be called if unstable wastes that cannot be handled safely or radioactive wastes are discovered or suspected. Proper notifications as outlined in the section for refusing waste, (see above), will be made if any hazardous wastes are discovered.
3. If the waste can be safely moved, the equipment operator will transport it to a secure zone.
4. The Landfill Contractor will be contacted about further disposition of the waste.
5. The hauler and the generator (if known) will be notified within 24 hours of the discovery. The generator will be responsible for proper cleanup, transport, and disposal of the waste.
6. A record will be made of the discovery, handling, and disposition of any hazardous wastes, including notification of the authorities and the hauler/generator. A copy of this record will be sent to the UDEQ within 14 days of the incident.

2.4.5.5 Procedures for Minimizing the Size of the Working Face and Fire Hazards

The width of the forking face will be restricted by the width of the disposal trenches. All waste will be placed in trenches 150 feet wide, and 15 to 20 feet deep. The working face will further be restricted by placing waste in areas approximately 50 feet wide by 50 feet long. Waste will be compacted and the trench filled to the surface before the adjacent area receives waste. As soon as the 50 feet by 50 feet area of the trench is filled to the surface, the waste will be covered with at least six (6) inches of cover soils in order to prevent a fire hazard.

2.4.6 Vector Control Program

A Class IVb facility provides little in the way of food sources, and there is usually no standing water at the facility. However, bulky items may provide a habitat for rodents. All recyclable materials will be removed from the site at least once a year. If a problem arises with vector populations, the operator will call a professional exterminator and make the necessary arrangements for moving the offending materials. If the infested materials cannot be removed from the Landfill, they will be moved to an active cell and covered.

2.4.7 Safety Program

2.4.7.1 Fire prevention

Any combustible materials, except yard waste stored for permitted burning, will be covered as needed to avoid a fire hazard

2.4.7.2 Operator Training

Adequate training will be provided to ensure that each employee complies with the approved "Plan of Operation" and the "Permit". Refresher training will be provided as needed to ensure continued compliance within the approved "Plan of Operations" and "Permit". Certificates of completion will be kept on file with personnel records.

All employees and managers of the Landfill must read the approved "Plan of Operation" and "Permit" documents prior to beginning work at the facility. Each employee or manager shall sign a Signature Log certifying that he or she has read the required documents. A copy of the Signature Log is included in Attachment 5.

2.5 INSPECTIONS AND RECORD KEEPING

2.5.1 Inspections

Routine inspections are necessary to prevent malfunctions and deterioration, operator errors, and discharges which may cause or lead to release of wastes to the environment or to a threat to human health. Inspections will be performed weekly and quarterly as described below:

1. The Landfill Operator will conduct a weekly walkthrough inspection and will document the condition of facility as follows:
 - a) fences and gates,
 - b) access roads,
 - c) run-off control system,
 - d) litter and weed control,
 - e) waste piles/depressions,
 - f) temporary appliance storage

The inspection form will be dated, the time of the inspection noted, and the form signed by the operator. The operator will include notations of observations made and the date and nature of any repairs or corrective action.

2. A complete inspection will be done quarterly by the Landfill Contractor. Anything not meeting with the inspector's approval will be described in writing and will be given to the operator to correct.

A sample of the form used to document these inspections is included in Attachment 5

2.5.2 Record Location

The Cooperative or the Contract Operator shall maintain and keep, on site, the following permanent record: (a) a daily log or operating record, to be completed at the end of each day of operation, that shall contain (i) the weights or volumes accepted, number of vehicles entering, and if available, the types of wastes received each day; (ii) deviations from the approved plan of operation; (iii) training and notification procedures; (iv) an inspection log or summary.

The Cooperative or the Contract Operator shall maintain and keep at the White Hills Landfill office near Mayfield, Utah, or the Cooperative's office in Mayfield, Utah (b) other records to include (i) documentation of any demonstration made with respect to any location standard or exception; (ii) closure and post-closure care plans as required by Subsections R315-302-3(4) and (7); (iii) cost estimates and financial assurance documentation as required by Subsection R315-309-2(3); and (iv) other information pertaining to operation, maintenance, monitoring, or inspections as may be required by the Executive Secretary.

2.5.3 Reporting

The Sanpete Sanitary Landfill Cooperative, as the owner of the facility, will be required to submit an annual report to the Executive Secretary by March 1 of each year for the most recent calendar year of operation. A sample of the annual reporting form which may be used is found in Appendix F of the UAC and has been provided as Attachment 6.