

ENVIRONMENTAL EXCELLENCE

TRANSFER STATION

OPERATION PLAN

2011



**Bonneville County
605 N. Capital Ave.
Idaho Falls, Idaho 83402
(208) 528-5550**

ENVIRONMENTAL EXCELLENCE

TRANSFER STATION

OPERATION PLAN

INTRODUCTION

The Bonneville County Environmental Excellence Transfer Station has been in operation since 1993.

The transfer station provides the users a safer and more convenient way to dispose of their solid waste. It also simplified the operation of the County's solid waste system. The transfer station consist of scales and an office/scale house complex, enclosed dumping floors, a waste compaction/storage pit, stationary compactors and truck loading area, a used motor oil recycling area, used antifreeze recycling area, metal recycling bins, automotive battery drop area, tire storage area, and a freon evacuation area.

Safety is enhanced by having the public use the transfer station instead of going to a landfill. This transfer station keeps the public and the commercial hauler away from the heavy equipment operation because of the dumping floor, where all vehicles and people are, is separated from the pit where the heavy equipment operates.

SITE DESCRIPTION

The Environmental Excellence Transfer Station is located on 10.28 acres in the northern part of Idaho Falls. It is in an industrial area of the city surrounded by warehousing, manufacturing, municipal maintenance facilities, some retail sales, animal control and criminal detention facilities.

Access to the facility is from Hemmert Avenue, which runs between Yellowstone Highway (US-26) and North Holmes, both being State highways.

The access roads are always open because Bonneville County has sufficient road equipment to deal with any emergency road condition. Therefore no provisions are made for storage of waste during periods of inaccessibility.

All waste handling areas of the site are on impervious surfaces of concrete or asphalt

pavement. All landscaped areas are bordered by 6" high curbs. Culinary water comes from the Idaho Falls water system. Sanitary sewage is discharged into the Idaho Falls sewer system. Storm runoff goes into the Idaho Falls storm drainage system.

This site is more than 10,000 feet from the nearest turbojet runway, and will not increase the likelihood of bird/aircraft collisions.

PROHIBITED ACTIVITIES

Regulated waste from any business that provides health care, support to health care businesses, or medical diagnostic services that has not been decontaminated is not accepted.

No speculative accumulation occurs. Recyclable metal is removed as the roll-off bins become full. Tires are removed throughout the year. Automotive batteries are removed for recycling at least monthly. Refrigeration units are evacuated of Freon and oil and recycled with the other metals. Used motor oil is used to heat buildings for Bonneville County. All other waste is transferred to the landfill daily except in extreme weather conditions or in the event of major equipment failure. Radioactive waste is not accepted.

SIGNS

The entrance sign to the transfer station identifies the facility as the Environmental Excellence Waste Transfer Station. It identifies the hours of operation as 7:00 a.m. to 7:00 p.m. Monday through Saturday. It shows an emergency phone number. Other signs identify the waste accepted and the location to unload the various wastes. Locations are signed for "Commercial Waste", "Household Waste", "Motor Oil", "Antifreeze", "Tires", "Batteries", "Metal", and "Refrigerators".

CATEGORIES OF WASTE

The broad categories of waste that will be accepted at the Transfer Station are as follows:

- 1 – Household Waste
- 2 – Yard Waste
- 3 – Appliances including refrigeration units
- 4 – Furniture and carpet
- 5 – Bulky metal items
- 6 – Tires
- 7 – Automotive batteries
- 8 – Used motor oil and antifreeze
- 9 – Solidified paint
- 10 – Paper, plastic, wood, cardboard, glass

Appendix A is the current handout of “Solid Waste Disposal Information”.

CONTROLS

All waste entering the transfer station is weighed with platform scales interfaced with computer programming to log quantities, sources, and times. While weighing the load the scale house attendant asks about the type of waste and visually checks the load for unauthorized waste types. As the waste is unloaded into the pit the operator or attendant monitors it again for unauthorized waste. Any unauthorized waste identified by the scale house attendant is not accepted and is returned with the owner. The County also does a 1% Random load inspection. Throughout the day, the floor attendant and/or the cat operator performs this inspection. All random load inspections are documented as to waste type, percentage of, and amount of hazardous or unauthorized waste found if any. Unauthorized waste identified in the pit is also removed by the attendants and taken to the appropriate disposal area.

Bonneville County ordinances prohibit scavenging or salvaging from any waste facility with the exception of recyclers contracted with the county.

All waste items diverted from the landfill transfer operation and accumulated at the transfer station for removal or reuse, are quantified and reported daily. Refrigeration

units area logged by the attendant at the scale house as they come into the transfer station. Each refrigeration unit is given a tracking number so that when the Freon is removed, that number is recorded and is filed to ensure proper disposal records. All Transfer Station employees that are involved in the removal of Freon are sent to training and are certified. Appendix B contains examples of these log sheets.

COMMUNICATION

All attendants and operator at this site will have two-way radio communication with all other solid waste personnel.

FIRE PREVENTION

No burning is permitted at this site. The waste handling building has heated hose houses throughout to provide pressurized water at all times. Bonneville County personnel will control any fires that occur. The County may use local fire officials to help control the fires.

ACCESS

This facility's perimeter is fenced with chain link fencing. Two access gates are provided. These gates are closed and locked unless attendants are on duty at the transfer station.

WASTE MANAGEMENT

The operation of the transfer station does not accommodate long waste residency times. The waste received in the morning is normally transferred to the landfill during that day. Waste received late in the day is normally transferred that day or the following morning. The heavy equipment in the pit is continually moving and compacting the waste.

Bird control devices are installed in the waste handling building to help control vectors. The short residency time and constant working of the waste prevent the harboring of rodents and insects that cause human disease and discomfort as well as

controlling Malodorous gases.

The enclosed waste handling building contains the litter from the unloading and loading operations. Either jail work release prisoners or temporary employees pick up any fugitive litter.

Leaf blowers are used on the dumping floors to keep them free of waste and clean. The stationary compactors are cleaned daily. All of these areas can also be washed down with the water captured in the holding tank for disposal. The tires are removed often enough to keep the tire pile smaller than 1500 tires.

WATER CONTROL

The Transfer Station site is graded so storm water drains away from the waste handling building. All waste that could produce leachate is handled inside the enclosed waste handling building. This building is built so the dumping floors drain into the pit. The pit drains into the compactor/loading area. This area is sloped to drain into a holding tank below the lowest floor level. The holding tank is pumped and hauled to the landfill leachate pond. With this design any runoff outside the waste handling building has no contact with the waste and is treated as storm water. Any water inside the building is treated as leachate. Grading of the facilities prevent either water type from co-mingling.

CONCLUSION

It is the intention of Bonneville County to operate this transfer station in accordance with local and state laws and regulations. This station will provide the residence a safe and convenient waste drop off facility that will protect ground water and air quality in the area.

THIS OPERATION PLAN FOR THE TRANSFER STATION IS SUBMITTED FOR APPROVAL. PLEASE REVIEW THE PLAN AND IF APPROVED PLEASE SIGN AND DATE THE PLAN.

SUBMITTED BY: _____ DATE: _____
BONNEVILLE COUNTY COMMISSIONERS

APPROVED BY: _____ DATE: _____
EIPHD

APPENDIX

A

WASTE TYPES

BONNEVILLE COUNTY SOLID WASTE DIVISION

605 N. CAPITAL, IDAHO FALLS, ID 83402

(208) 528-5550

SOLID WASTE DISPOSAL INFORMATION

TRANSFER STATION: Location – 2455 Hemmert Avenue, Idaho Falls, ID.

HOURS: Monday through Saturday – 7:00 A.M. to 7:00 P.M.

The Transfer Station will accept all household garbage, bulky metal items, appliances, refrigerators, freezers, air conditions, tires, automobile batteries (lead acid only), paint (if solidified only), grass, furniture, mattresses, carpet and waste oil (5 gallons or less only).

There is a \$10.00 charge for each refrigerator, freezer and air conditioner.

HATCH PIT: Location – 395 East 33 North – off Lewisville Hwy. West of BISH’S OUTDOORS.

HOURS: Winter – Monday through Saturday - - 8:00 A.M. to 4:30 P.M.

(Est. November 1st through March 31st)

Summer – Monday through Saturday - - 7:00 A.M. to 7:00 P.M.

(Est. April 1st through October 31st)

The Hatch Pit **will accept** only construction and demolition debris which includes wood products, branches, lumber, road spoils, bricks, concrete, tree stumps, packing material, soil, rocks, bulky metal items, yard debris, weeds, gravel and asphalt.

The Hatch Pit **will not accept** treated wood (i.e. railroad ties, fence posts) grass, clothes, paper, Ag Waste such as (seeds, hay, straw, manure), burn barrels, tires, refrigerators, paint, oil, oil filters, bug killers, herbicides, no empty cans of paint, electronics, fluorescent lights, furniture, mattresses, carpet and contaminated soil. No black bags full of anything. No food of any kind, including garden produce (vegetables and fruits). No plastic or metal flammable fuel containers.

WASTE OIL: Transfer Station will accept up to 5 gallons per visit.

TIRES: Tires are only accepted at the Transfer Station. A fee is charged for tire disposal.

ANTIFREEZE: Bonneville County Transfer Station accepts Antifreeze

WASTE DISPOSAL INFORMATION: - - Please call (208) 528-5550 - -

7:00 A.M. to 7:00 P.M. – Monday through Saturday

Note: Please cover or tarp ALL LOADS.

NO SALVAGING ALLOWED

Loads can be refused and directed to the Peterson Hill Landfill Site at the discretion of the Operator

-over-

SCHEDULE A BONNEVILLE COUNTY SOLID WASTE DIVISION

	RIM SIZE	FEE PER TIRE
Automobile and Light Truck	19.5" or less	\$ 3.00
Truck Tires	19.5" to 24.5"	\$ 6.00
Farm Implement Tires	25" to 50"	\$ 40.00
Earth Moving Equipment Tires	20.5x25" and larger	\$100.00
Shredded Tires		\$46.00 PER TON

Businesses and residents of Bonneville County may dispose of tires at the Bonneville County Waste Transfer Station at the charges set forth herein. The fees are for tires with the rim removed, and an additional fee of \$5.00 per tire will be assessed per tire for automobile tires with rims. Earth moving equipment tires will not be accepted if the tires are still on the rim.

Tires to be disposed of will be accepted at the Bonneville County Waste Transfer Station located at 2455 Hemmert Avenue, Idaho Falls, during normal working hours of 7:00 A.M. until 7:00 P.M. Monday through Saturday.

OUT OF COUNTY WASTE PRICES

REFRIGERATORS, FREEZERS & AIR CONDITIONERS	\$10.00 EACH
HOUSEHOLD WASTE	\$38.00 PER TON

BONNEVILLE COUNTY AND OUT OF COUNTY SPECIALS

MANURE, HAY AND STRAW	\$38.00 PER TON
-----------------------	-----------------

-over-

APPENDIX

B

WASTE LOGS

BONNEVILLE COUNTY HAZARDOUS WASTE INSPECTION FORM

Date: _____ Waste Transporter: _____

Time: _____ Telephone: _____

Waste Generator: _____

Vehicle License Number: _____

Waste Weight: _____ Waste Volume: _____

WASTE DESCRIPTION (CHECK OF ESTIMATED PERCENTAGE OF TOTAL WASTE)

	100%	50%	0%
Municipal	-		
Compostable			
Construction/Demolition			
Commercial/Industrial			

HAZARDOUS MATERIAL

US DOT DESCRIPTION

	Container No.	Total Quantity	Waste Number	Unit
A.				
B.				
C.				

WAS A HAZARDOUS WASTE MANIFEST COMPLETED? YES YES

SPECIAL WASTE

Tires	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Fuel Contaminated Soil	YES <input type="checkbox"/>	NO <input type="checkbox"/>
Batteries	YES <input type="checkbox"/>	NO <input type="checkbox"/>			
Waste Oil	YES <input type="checkbox"/>	NO <input type="checkbox"/>	Improperly Packaged Asbestos Contaminated Material	YES <input type="checkbox"/>	NO <input type="checkbox"/>
White Goods	YES <input type="checkbox"/>	NO <input type="checkbox"/>			
Industrial Waste	YES <input type="checkbox"/>	NO <input type="checkbox"/>	OTHER _____		

IF ANY WASTE IS CHECKED YES, THE WASTE MUST BE REJECTED AND THE WASTE TRANSPORTER/GENERATOR NOTIFIED

County _____

Transporter/Generator _____

