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**Figure 1-8:** Newport/Oldtown - Vicinity Map
SECTION 1: OVERVIEW OF EXISTING CONDITIONS

1.1 INTRODUCTION

In response to the U.S. Environmental Protection Agency’s Subtitle D regulations for landfill management and design requirements, Pend Oreille County (County) selected waste transfer and disposal as their solid waste management system. The County stopped accepting waste at the Newport and Ione Landfills on April 9, 1994 when they were closed for business.

This Transfer Station Operations Plan (Plan) is intended to serve as an onsite facility reference manual and basic training tool but is not meant to take the place of the required training for on-site staff as detailed in Section 3.2 and 3.3 of this Plan. This document also provides a description of:

1) Overview of Existing Conditions
2) Operations
3) Facility Staffing, Safety and Training
4) Transportation Operations
5) Recycling
6) Moderate Risk and Household Hazardous Waste
7) Maintenance and Inspections of Facilities
8) Contingency Plans and Emergencies
9) Closure Procedures
10) Management Objectives

The operations, maintenance and closure plan was originally developed in accordance with the Washington State Minimum Functional Standards for solid waste handling (Chapter 173-304 WAC) and Northeast Tri-County Health District permit requirements. Additional requirements and standards under WAC 173-350-310, Intermediate solid waste handling facilities and WAC 173-350-360, Moderate Risk Waste handling (adopted 2/4/2003) were reviewed and incorporated where applicable.
1.2 PLAN REPRESENTATIVES

Pend Oreille County
Owner
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Pend Oreille County Public Works Department
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Fax: 509-447-5890

After hours On-call County Manager: 509-671-3042

Allied Waste Management
Contractor
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E. Washington Operations Supervisor
8107 N. Kimberly Court
Spokane, WA 99208
Phone: 509-468-9901
Cell: 509-990-1041
Fax: 509-468-1641

Sunshine Disposal & Recycling
Subcontractor
Marc Torre
Managing Partner
11320 W. McFarlane Road
Airway Heights, WA 99001
Phone: 509-252-9060
Fax: 509-252-9066

Northeast Tri-County Health District
Bryan Hunt
Environmental Health Specialist
260 South Oak
Colville, WA 99114
Phone: 509-684-2262
Toll Free: 1-800-776-6207
Fax: 509-684-8506
1.3 BACKGROUND INFORMATION

South County Facility (Deer Valley Transfer Station)

The South County facility is located at 21 Landfill Road (about five miles west of Newport, Washington) on approximately five acres in the NW1/4 of SE1/4 of Section 28, Township 31 North, Range 45 East M., south of Deer Valley Road at Landfill Road, approximately 1,000 feet west of Gray Road, and directly east of the County Road Shop 1 (See Appendix A for driving directions and Figures 1-1, 1-2 and 1-3 for vicinity maps and aerial views).

The South facility consists of the following components:

- A transfer building (50 ft x 60 ft steel building), with a tipping floor and trailer loading bay (with a 500-gallon sump);
- An 80 foot pit scale;
- A two bay shop garage and scale office building;
- A 1,500 square foot Moderate Risk Waste collection, bulking, and storage of household hazardous wastes facility;
- A 4,400 square foot (40 ft x 110 ft steel Recycle building) which houses an Excel 62 cardboard baler and a Clean Burn 350,000 BTU recycled oil furnace and a 500 gallon recycled oil storage tank; and
- A concrete tipping wall with large capacity roll-off containers for collection of various recyclable items.

The South facility is staffed with a scale attendant and backhoe operator. It is enclosed with six foot high chain link fencing and gates that are locked when the facility is closed to the public.

The South facility averages 50 to 150 self-haul vehicles on a daily basis; multiple commercial franchise trucks; and about one to three contractor trucks from the Central (Usk) and North (Ione) facilities. The majority of material delivered to the South facility is mixed municipal solid waste. Current total volume is approximately 600+ tons per month (See Appendix B). The monthly total includes material from the Central and North facilities drop boxes and two commercial franchise haulers, which are consolidated into large trailers at the South facility for truck transport to Spokane and railcar transport to Roosevelt Regional Landfill in Roosevelt, Washington.

The South facility receives about 40+ tons of recyclable materials each month which includes material from both the Central and North facilities (See Appendix B). As of October 2010, glass is not collected as a recyclable. Customers are directed by County and on-site staff to dispose of all glass with their normal garbage.

A household hazardous waste collection program is in place at the Moderate Risk Waste building located next to the South County transfer station facility for the collection, bulking, and storage of household hazardous wastes brought in by the public. No business or commercial hazardous waste is accepted. Each month approximately 1.3 to 1.5 tons of hazardous waste (See Appendix B) is processed, recycled and/or consolidated for proper off-site disposal by the County Household Hazardous Waste (HHW) Coordinator.
Central County Facility (Usk Drop Box Station)

The Central County facility is located at 661 Jared Road near Usk, Washington on approximately 2.26 acres in the SW1/4 of the SE1/4 of Section 8, Township 32 North, Range 44 East W.M., directly north of Jared Road approximately 750 feet west of State Highway 211, and west of and adjacent to the County Road Shop 2 (See Appendix C for driving directions and Figure 1-4 and 1-5 for vicinity map and aerial view).

The Central facility includes a small attendant building and concrete tipping wall for large capacity drop boxes for the collection of self-haul mixed municipal solid wastes and recyclables (See Appendix B). There is no scale at this facility, so solid waste collection fees are based on volume, not weight (See Appendix D). However, the solid wastes, recyclables and household hazardous waste materials collected at the Central facility are weighed when the containers are transported to the South County facility for processing, recycling or disposal.

The Central facility is staffed with an attendant and is located in a fenced area behind a chain link fencing gate that is locked when the facility is closed.

Due to the fact that there are no scales at the Central facility and it is only open two days per week, they usually receive only 20 to 50 self-haul vehicles per day. An average of 21 to 25 tons of municipal solid waste material is disposed per month. They also receive a small amount of household hazardous wastes, which are stored in secondary containment boxes. All hazardous materials are transported to the South facility by the County HHW Coordinator for consolidation, processing, recycling and/or off-site disposal.

North County Facility (Ione Drop Box Station)

The North County facility is located at 1712 Sullivan Lake Road near Ione, Washington within a 40-acre County owned parcel in the SW1/4 of the SW1/4 of Section 4, Township 37 North, Range 43 East W.M., which is 1.7 miles east of State Highway 31 across the Ione Bridge on Sullivan Lake Road (see Appendix E for driving directions and Figure 1-6 and 1-7 for vicinity map and aerial view).

The North facility consists of a shop garage and scale office building, with a 40 foot pit scale, and concrete tipping wall for large capacity drop boxes for the collection of self-haul mixed municipal solid wastes and recyclables (see Appendix B).

The North facility is staffed with a scale attendant and is located behind a gate, which is locked when the facility is closed to the public.

Though only open two days per week, the North facility receives approximately 30 to 150 self-haul vehicles per day. An average of 60 tons of municipal solid waste material is disposed per month. They also receive some household hazardous wastes, which are stored in secondary containment boxes. All hazardous materials are transported to the South facility by the County HHW Coordinator for consolidation, processing, recycling and/or off-site disposal.
1.4 FACILITY CAPACITY

The County has an inventory of three solid waste facilities that provide for disposal, transfer and processing of municipal solid waste, recyclables, household hazardous wastes and moderate risk wastes. The approximate capacities at present for the various materials at each facility are as follows:

- South County (Deer Valley) Facility:
  - Municipal Solid Waste: 75 tons
  - Recyclable Commodities: 280 cubic yards
  - Household Hazardous Waste: 123.2 cubic feet in totes
  - Household Hazardous Waste: 264 gallons in containment pallets
  - Household Hazardous Waste: 2,810 gallons liquid

- Central County (Usk) Facility:
  - Municipal Solid Waste: 80 cubic yards
  - Recyclable Commodities: 200 cubic yards
  - Household Hazardous Waste: 123.2 cubic feet in totes

- North County (Ione) Facility:
  - Municipal Solid Waste: 160 cubic yards
  - Recyclable Commodities: 160 cubic yards
  - Household Hazardous Waste: 123.2 cubic feet in totes
  - Household Hazardous Waste: 198 gallons in containment pallets
  - Household Hazardous Waste: 440 gallons liquid

The three current transfer station facilities in Pend Oreille County have the capacity to easily process two to three times the current volume of municipal solid waste, meeting the estimated long-range needs for solid waste handling facilities projected twenty years into the future. The increased projected waste stream will require increased operations activity, with additional movement of waste across the South facility tipping floor and additional changes of trailers, boxes and transport to process larger volumes of waste.

There are no capacity deficiencies in meeting current solid waste handling needs; however, there is the continued opportunity for improved operational efficiency and increased potential for waste reduction and recycling.

1.5 RESPONSIBILITIES

The Solid Waste Division of the Pend Oreille County Public Works Department is responsible for operation of the three County solid waste transfer stations. The four County employees who perform the administration, maintenance and management operations of the Solid Waste Division programs are:

1. Public Works Director - responsible for directing the over-all Solid Waste Division operations and contract administration
2. Solid Waste Coordinator - oversees the day to day solid waste accounting operations, maintains payroll, grant requests and expense records, prepares monthly budget reports for the Public Works Director’s review and participates in public education efforts

3. Recycling/HHW Coordinator - is responsible for the day to day operations of the Moderate Risk Waste program, maintenance of each building, operation of the cardboard baler and clean burn oil furnace, oversees the County household hazardous waste and recycling programs, coordinates public education, provides supervision at the three County Transfer Station facilities, and performs post-closure groundwater and gas monitoring of the closed Newport and Ione landfills

4. On-Call Recycling/HHW Coordinator – is responsible for the day to day operations of the Moderate Risk Waste program, maintenance of each building, operation of the cardboard baler and clean burn oil furnace and oversees the County household hazardous waste and recycling programs when called in to work

The County owns and maintains several 40 cubic yard recycling containers for paper, cardboard, aluminum cans and bulk aluminum placed at the three transfer stations. A private vendor provides and maintains a number of 40 cubic yard containers to the County for recycling of ferrous metals at the three Transfer Stations. The private vendor also provides the transportation of the ferrous metal containers, bulk aluminum and aluminum drink cans to their recycling location.

The County is responsible for establishing (and periodically adjusting) the solid waste disposal rates for the three Transfer Stations in the County. The Board of Commissioner’s Resolution 2010-34 adopted the present 2011 solid waste disposal rates for Pend Oreille County and Resolution No. 2011-43 revised the list of recyclables accepted at each Transfer Station location. (See Appendix F & G)

**Allied Waste Management (Contractor)**, formerly known as Regional Disposal Company or Rabanco, is contracted by the County for:

1) On-site operations of the three County solid waste Transfer Station facilities
2) Short hauls of municipal solid waste from the Central and North facilities to the South facility
3) Long hauls of municipal solid waste from the South facility to Roosevelt Regional Landfill in Klickitat County, Washington

**Sunshine Disposal and Recycling (Subcontractor)** is Allied Waste Management’s Subcontractor for each County solid waste Transfer Station providing all operations, facility staff and equipment, long and short haul transportation of municipal solid waste and most recyclable materials (such as paper and cardboard) to the recycle location designated by the County (See Appendix H for Subcontractor Contact Information).
SECTION 2: OPERATIONS

2.1 GENERAL SPECIFICATIONS

Contractor/Subcontractor shall provide efficient service to the public during all operating hours, providing facility staff for all assignments that are properly trained, dependable, trustworthy, neat and clean in appearance and courteous to the public. Firearms at any County Transfer Station facility are prohibited.

Contractor/Subcontractor shall facilitate the operations, including pick up or delivery of material at any of the three County Transfer Stations.

Upon close of the Transfer Stations each open day, Contractor/Subcontractor shall continue operations until all incoming waste has been loaded into containers. The unloading area and the loading bay will be cleaned and swept as needed. Odor abatement shall be conducted through a comprehensive program of the cleaning of equipment, tipping areas and platforms. Litter shall be minimized, controlled and picked up on a daily basis at each County Transfer Station facility by Contractor/Subcontractor on-site staff. If a Transfer Station becomes an eyesore due to neglect in picking up litter by the on-site staff, the Contractor/Subcontractor shall be billed back for the applicable hours the County spends picking up the litter at the Transfer Station at their current weighted hourly rate.

Contractor/Subcontractor shall be responsible for all operation and maintenance costs associated with its own equipment. They shall be responsible for all damage to the County buildings and County owned equipment caused by the Contractor or Subcontractor’s negligence, and shall repair or replace any such damages.

Contractor/Subcontractor operations should not have the effect of creating leachate (water or other liquid percolating through waste materials).

2.2 HOURS OF OPERATION

- South facility: Open 8:00am to 4:00pm, Thursday through Monday (See Appendix A)
- Central facility: Open 8:00am to 4:00pm, Wednesday and Saturday (See Appendix C)
- North facility: Open 8:00am to 4:00pm, Wednesday and Saturday (See Appendix E)

The County may require changes in operating hours and days, and Contractor/Subcontractor may negotiate changes to operating hours and days, subject to provisions of the contract.

Presently each County Transfer Station is only closed for the observance of four national holidays: New Years Day, Labor Day, Thanksgiving Day, and Christmas Day. Beginning in 2012, each County Transfer Station will be closed two additional days for the observance of Memorial Day and July 4th, Independence Day.
2.3 ORPHAN WASTE

Occasionally, a “would be” customer decides to leave their garbage at the entrance gate to one of the County Transfer Stations when they are closed. When the County and/or Contractor/Subcontractor staff arrives at work in the morning, they will pick up the orphan garbage that was left and properly dispose of it; removing any recyclables or household hazardous waste and placing them in the appropriate containers, bins, or trailers.

2.4 GENERAL WASTE TRANSFER PROCEDURES

South Facility (Deer Valley Transfer Station)

The South facility shall be capable of receiving all acceptable wastes generated in the County and of preparing wastes for transport to the Roosevelt Regional Landfill by the Contractor/Subcontractor.

Wastes will be delivered to the transfer facility by commercial haulers and the general public. Vehicles will be directed to the scale for weighing by the transfer facility attendant and then to the unloading area, and then return to the scale for weighing and payment of charges. The customer will be directed to dump or unload the waste onto the tipping floor. The waste will be visually inspected for any unacceptable materials by the tipping floor attendant. The attendant will load and compact the waste into the container located in the trailer loading bay with a backhoe as needed. Care will be taken to avoid using excessive force along the sides of the container. Any suspected unacceptable waste discovered in a load shall be noted by the attendant, and procedures for proper removal and disposal shall be implemented (Refer to Sections 2.7 and 2.8). Prior to positioning the container in the trailer-loading bay, the container will be weighed and recorded. When the container has been fully loaded and compacted, the attendant will move the container out of the loading bay and proceed to the scales for weighing, recording and tarping. An empty container will then be moved into the trailer loading bay. Before full containers leave the South facility, the driver will complete a scale ticket, on which the container number, weight, date and time shall be listed, and a copy shall be maintained at the South facility scale house office until it is included with the month end trip tally sheet.

No solid waste will be stored on the floor or ground. All solid waste will be loaded into containers.

Loaded, tarped containers from the South County facility will be transported by the Contractor/Subcontractor to the Yardley Intermodal Railhead facility in Spokane. Then the containers will be transported by Burlington Northern and Santa Fe Railroad (BNSF) train to Contractor’s Roosevelt Regional Landfill in Klickitat County, Washington. The containers will proceed to the tarping station where the tarp will be rolled up and secured to the sides of the containers before the containers are emptied at the landfill. The empty containers are returned to Spokane via train, where they are picked up by the Contractor/Subcontractor driver and returned to the South County facility.

The Contractor/Subcontractor short haul driver also transports empty and full containers to and from the Central and North facilities to and from the South County facility. They also haul some recycled materials to recycle locations designated by the County Recycling Coordinator.
Customers bringing recyclable materials to the three County Transfer Stations shall be directed to unload their recyclable materials into the designated recycling containers. County and facility staff shall monitor the recycling containers to ensure proper segregation of recyclables. When the recycling containers become full (and have been compacted with the backhoe if needed), the facility staff will contact the recycle locations designated by the County for emptying of the recycle containers.

Central Facility (Usk Drop Box Station)

The Central facility is capable of receiving self-haul waste from the general public. Large commercial or private vehicles should be directed to the South facility as no scale is available at the Central facility.

Customers stop at the small attendant building near the entrance gate where the waste is visually inspected for unacceptable material, the cubic yard volume of material is determined, and a disposal fee is collected by the on-site attendant based on volume, not weight. The customer is directed to the unloading area where waste is unloaded into the appropriate drop box containers designated by the on-site attendant. The on-site attendant shall note any suspected unacceptable waste discovered in a load and employ procedures for proper removal and disposal (Refer to Sections 2.7 and 2.8).

All containers are monitored by the on-site attendant; snow is shoveled off lids in winter and at the end of each day, all container lids are closed. The on-site attendant shall notify the South facility staff when a waste container is full and needs to be emptied. The Contractor/Subcontractor short haul driver will make arrangements to pick up the full container and haul it to the South facility where the waste container is emptied in accordance with the South County facility procedures. An empty waste container is to be left at the Central facility in Usk when a full container is picked up.

The on-site attendant monitors the recycling containers and when full, notifies the South facility staff to make arrangements for hauling recyclables to the appropriate recycle location designated by the County Recycling Coordinator.

North Facility (Ione Drop Box Station)

The North County Drop Box Station is capable of receiving self-haul waste from the general public. Large commercial or private vehicles may be directed to the Deer Valley Transfer Station as only drop boxes are available at this facility. Vehicles stop on the scale at the scale office building where the waste is visually inspected for unacceptable material and weighed. The driver is directed to the unloading area where waste is unloaded into designated waste containers. The vehicle returns to the scale for weighing and payment of charges. The on-site attendant shall note any suspected unacceptable waste discovered in a load and employ procedures for proper removal and disposal (Refer to Sections 2.7 and 2.8).

All containers are monitored by the on-site attendant; snow is shoveled off the lids in winter and at the end of each day, all container lids are closed. The on-site attendant shall notify the South facility staff that a waste container is full and needs to be emptied. The
Contractor/Subcontractor short haul driver will make arrangements to pick up the full container and haul it to the South facility where the waste container is emptied in accordance with station procedures. An empty container is left in Ione when a full container is picked up.

The on-site attendant monitors the recycling containers and when full, notifies the South facility staff to make arrangements for hauling recyclables to the appropriate recycle location designated by the County Recycling Coordinator.

2.5 UNSECURED OR UNCOVERED LOADS

The County Board of Commissioners and the Solid Waste Division of Public Works support RCW 46.37.400 regarding unsecured or uncovered loads being delivered to the County Transfer Stations. Any vehicle in violation of the RCW will be subject to enforcement by the County Sheriff Department by issuing a moving violation. At present, the fine in Pend Oreille County for failure to secure or cover a load is $124. (See Appendix I)

The County Board of Commissioners have not and do not intend to support adoption of a local County Ordinance supporting RCW 70.93.097 which requires the Transfer Station attendants to impose an additional fee, in addition to other waste disposal charges, for any customer arriving at the Transfer Station without a cover on the vehicle’s waste or if the waste is unsecured. Rather, as time permits, the Transfer Station attendants are instructed to inform customers of the dangers associated with unsecured or uncovered loads (i.e. brochure with Maria’s tragic story in Appendix J) and/or inform customers of the possible fine should a County Sheriff issue them a ticket. (See Appendix I)

2.6 ROADSIDE LITTER

Roadside litter is a great concern to Pend Oreille County. The problem is constant, costly to control and time consuming to clean up. Therefore, the County Solid Waste Coordinator administers an “Adopt a County Road” program (similar to the state Adopt a Highway program) which gives an opportunity for local citizens to take the responsibility for picking up the litter along a particular stretch of County road. The program serves to:

- Reduce litter along County roads
- Promote community support for anti-litter and road beautification programs
- Educate the traveling public about litter control by erecting signs giving credit to the adopting group
- Build a positive image for themselves, their organization and the County

The County Sheriff Department also utilizes a work crew made up of jail inmates who periodically pickup litter along the heavily traveled roads near the three Transfer Stations as time, money and weather permit.
2.7 UNACCEPTABLE WASTE IDENTIFICATION

The Contractor/Subcontractor shall screen all wastes delivered to the three County Transfer Stations in a manner sufficient to determine whether or not unacceptable wastes are present. Contractor/Subcontractor’s identification procedure shall include at a minimum:

- All wastes received at the three County Transfer Stations shall be subject to visual monitoring as they are being unloaded. The on-site attendant visually monitors loads while they are being delivered to the facility. The on-site attendant shall be trained to spot distinctive markings on containers of unacceptable wastes.

- Records shall be maintained for all attempted deliveries of unacceptable wastes, whether or not these wastes are accepted at the County Transfer Stations. These records shall include time and date, hauling firm, name of driver, source of waste, vehicle identification numbers, and type and quantity of unacceptable waste found. Unacceptable waste that has been accidentally accepted shall be reported to the County Public Works Director before the end of the working day. The County Public Works Director (or designee) shall also contact the Northeast Tri-County Health District before the end of the working day.

- **Unacceptable Wastes** are not allowed to be delivered to any of the three County Transfer Stations. They shall include but not be limited to the following:

  - **No Business or Commercial Hazardous Waste**
  - **No Animal Carcasses**
  - **No Explosives** (see Note 1)
  - **No Medical Waste** (see Note 3)
  - **No Septic or Vactor Truck Waste**
  - **No Asbestos**
  - **No LPG Tanks** (see Note 2)
  - **No Radiological Waste**
  - **No Smoldering Waste**

**NOTE 1:** Explosives includes ammunition, black powder, blasting caps, detonators, fireworks, TNT, etc.

**NOTE 2:** LPG tanks are **not** accepted regardless of a new or old valve type. (See Appendix K for a list of other businesses that will take LPG tanks). Empty, small compressed gas cylinders or aerosol paint cans are regular trash.

**NOTE 3:** Newport Hospital & Health Services has a sharps container exchange program for residential sharps disposal. Contact their Laboratory at 509-447-2441. Large quantities of blood are not accepted; rather, large quantities of blood should be disposed of in a sanitary sewer system with the approval of the utility.

2.8 SUSPECTED DANGEROUS MATERIALS

Materials, which may be dangerous, are sometimes found in loads delivered to a solid waste Transfer Station. These types of material should not be accepted. The most prevalent types of material include: asbestos, radioactive wastes, photographic chemicals, dynamite and critically unstable chemicals (see Appendix L). Large containers of suspected dangerous materials
(such as barrels or drums) are much less likely to appear, but nevertheless could slip in. No business or commercial hazardous waste is to be accepted at any County Transfer Station.

The purpose of excluding or removing these materials from normal waste loads prior to disposal is to reduce the hazards including fire or ingestion of noxious fumes, avoidance of spillage of these materials and the resultant environmental hazards, and direction of these materials to the appropriate facilities and disposal sites, not the Roosevelt Regional Landfill.

The County’s Moderate Risk Waste building could be used for the temporary storage of household hazardous wastes until proper off-site disposal can be made by the County HHW Coordinator. If possible, facility staff should direct customers to alternative disposal methods or locations for suspected dangerous materials (See Appendix K). Education of the public and each business is the best way to keep suspected dangerous materials out of the normal solid waste stream.

**Five Gallons or Less of Suspected Dangerous Material**

If the item discovered is a small can (five gallons or less) of suspected dangerous material and is not posing an imminent threat, the facility staff finding the material will do the following:

- Carefully move the material to a safe location
- Attempt to identify which vehicle the suspected dangerous material came from
- Store the material on or in a containment pallet or bin until the County HHW Coordinator can properly store and then dispose of it

**More than Five Gallons of Suspected Dangerous Material or a Possible Threat**

If the discovered material is larger than five gallons, or for some other reason appears to pose an imminent threat, then the facility staff making the discovery should do the following:

- Stop work in the area surrounding the material
- If there are fumes or anything else which appears to be an imminent threat, call 911 for local emergency authorities
- Attempt to ascertain the origin of the material and report this to the Contractor and/or County HHW Coordinator

**Handling of Suspected Dangerous Material**

If the suspected dangerous material is in a large container, or is threatening equipment, facility staff or customers, call 911. Those involved in handling the suspected dangerous material should be trained hazardous waste professionals who will wear respirators and other appropriate protective equipment. Any item which appears to pose a danger of explosion or release of hazardous fumes should not be handled unless under the direction of a hazardous waste professional or the Fire Department. If necessary, a Treatment Storage and Disposal company could be called in to handle the suspected dangerous material.
Reporting Handling of Suspected Dangerous Material

The facility staff must send a written report to the Contractor/Subcontractor when a work stoppage has occurred due to handling of suspected dangerous material. In addition, the County shall be notified of such a work stoppage, the County representative shall give a phone report made to Northeast Tri County Health District followed by a copy of the written incident report. Such reports should include when and where the incident occurred, personnel involved, who the generator was (if known), how the incident was responded to, and any needed corrections to the facility operations procedures as a result of the how the incident was handled.

2.9 CONTRACTOR GENERAL EQUIPMENT SPECIFICATIONS

The Contractor/Subcontractor’s equipment for waste transport and disposal must be suitable for the intended use. Containers shall be rigid and durable, corrosion resistant, watertight, rodent-proof, equipped with close fitting cover, non-absorbent, easily cleaned, and suitable for handling, with no sharp edges or other hazardous conditions. Trailers or containers shall be capable of withstanding the hard use typically associated with handling municipal solid waste.

The Contractor/Subcontractor shall conduct operations in such a manner as to provide solid waste containers that allow for sufficient disposal capacity for all customers. The actual number of required containers on any given day will be determined during the course of operations. If necessary, empty containers will be stored on-site to meet demand.

2.10 CONTRACTOR TRANSFER STATION EQUIPMENT

- Containers provided for the long haul transport of municipal solid waste to Roosevelt Regional Landfill are specially designed 108 cubic yard long haul truck/container combinations. Waste is compacted into these containers at the South County facility. The containers are 8 feet wide and 48 feet long. The rear door is a barn type door with neoprene gasket seals. The containers are watertight to at least 72 inches from the floor. Tarps, which fully cover the load, are built onto the side of the containers.

- Containers for the local short haul transportation of municipal solid waste between the Central and North facilities are 8 feet wide and 20 feet long, with rear barn type doors. The Central facility usually has two municipal solid waste containers on-site and the North facility has up to four municipal solid waste containers on-site depending on the demand.

- A backhoe will be provided to the South County facility staff. The backhoe will be used to transfer waste to the long haul containers and compact the waste and recycle containers, when needed. The backhoe will be equipped with an extendable boom and a rubber edge on the bucket to prevent damage to the concrete tipping floor at the South facility.

- A truck tractor, capable of legally moving long haul trailer/containers, shall be provided.

- A roll-off truck and trailer, capable of legally moving short haul containers between the Central and North facilities and the South County facility, shall be provided.
• A 150 gallon above ground red diesel fuel tank is located at the South facility near the tipping floor building for use in the Contractor/Subcontractor equipment only.

2.11 COUNTY TRANSFER STATION EQUIPMENT

The County owns several 40 cubic yard containers for the collection and transport of recyclable materials between the three Transfer Stations and the County designated recycling facilities.

A pickup truck for the County Recycling/HHW Coordinator is provided by the County for transportation between the three Transfer Stations and for transport of household hazardous waste to the Moderate Risk Waste building located at the South County facility from the Central and North facilities.

A John Deere 328 skid steer loader with various attachments for the County Recycling/HHW Coordinator is provided by the County for loading the baler with cardboard, moving pallets and maintenance of the grounds around the South County facility.

2.12 WASTE ACCOUNTING & BILLING PROCEDURES

Waste accounting is a necessary function to account daily for the weight or volume of waste received, number of vehicles delivering waste, and the types of waste being accepted. Waste accounting is also needed to ensure that proper charges are levied, and that the proper individuals are being charged for their waste deliveries. All waste accounting and billing procedures are designed to accomplish these requirements.

Scale Operations

Each private vehicle hauling acceptable waste shall be weighed upon entering and leaving the facility, except for the Central facility where the on-site attendant shall determine the volume of waste being delivered. Containers shall be weighed to the extent possible, both inbound and outbound.

After weighing, the scale attendant shall prepare a weight scale ticket that indicates the customer vehicle identification, waste type, date, time, inbound gross weight, outbound empty weight, the net weight, and applicable tipping fees and solid waste tax. Weight tickets for trailers or containers shall include their identification numbers. If the scale is at any time inoperable, the County shall be notified and they will call and make arrangements for repairs to the scale. Alternative procedures to account for the weight of all inbound and outbound traffic, while the scale is inoperable, may include the facility staff’s estimation of waste amounts by volume (not weight). (See Appendix D for rates by volume)

At the Central facility, the on-site attendant shall complete a scale ticket (even though there is no scale) that indicates the cubic yard volume of waste received and the fees and tax that are to be paid by the customer.
If a customer brings in a refrigerant (Freon) based appliance or three or more tires to dispose of, the quantity of these items and the corresponding special charge plus tax shall be indicated on the weight scale ticket since such items are not charged by their weight (See Appendix F).

**Collection of Fees**

The County will prepare and mail a monthly bill to each charge customer which have been approved by the County and whose names are shown on the County approved charge account list. The Contractor/Subcontractor will provide the County with the recorded information on weight scale tickets from the three Transfer Stations for the approved charge account customers. The County will be responsible for the solid waste fees and tax collection from these charge customers.

Customers not having a charge account with the County will pay for waste disposal each time a load is taken to one of the County facilities. The fees collected by the facility staff will be based on the prices established by the County. The vehicle will be weighed both incoming and outgoing to determine the weight of the load; the customers will be charged based on this weight. The facility staff will fill out a weight scale ticket for each customer and collect the fees plus the appropriate solid waste tax. The Contractor/Subcontractor will deposit these fees into a dedicated bank account. By the fifth day of each month, the Contractor/Subcontractor will provide the County with copies of the previous month’s various tally sheets and remaining previous month’s scale tickets. The County will audit the scale tickets and amounts and mail an invoice to the Subcontractor on or before the 15th of the next month for the audited amount of the collected fees. The Subcontractor will pay the invoiced amounts to the County within ten days of receipt of the invoice, and the Subcontractor shall be liable for any errors in collection of the fees and/or calculation of sales tax.

The County will prepare the appropriate solid waste tax amounts which were collected by the staff at each Transfer Station facility and forward the tax monies and appropriate reports to Washington Department of Revenue on a monthly basis.

**2.13 WASTE REPORTING PROCEDURES**

The Contractor/Subcontractor shall provide the following information for each facility, and the reports shall be delivered to the County at the times specified:

- Individual daily scale weight or volume and waste type of all inbound loads, including residential and commercial delivery, and collection vehicles on a weekly basis. Duplicate, sequentially numbered, carbonless weight scale tickets are provided by the County to the facility staff at the three Transfer Stations as needed upon request (See Appendix M for sample weight scale tickets)

- Identification number, inbound gross weight, and outbound tare (empty) weight, net weight and date of disposal of each loaded waste container shipped to Klickitat landfill on a monthly basis (See Appendix N)
• A tally of garbage short hauls by the Contractor/Subcontractor from the Central and North facilities to the South facility listing the date of transport, weight and scale ticket number on a monthly basis (See Appendix O)

• A tally of mileage to haul recyclables to designated locations on a monthly basis (See Appendix P)

• A daily tally of bank deposits made for the cash and checks received by the on-site staff at the three County Transfer Station facilities on a monthly basis (See Appendix Q)

• A daily tally of household hazardous waste collected at the Central and North facilities on a monthly basis (See Appendix R)

• Information pertaining to the handling of any unacceptable wastes as required on a quarterly basis

• Customer or other complaints and recommended actions on a daily basis

• Immediate reporting of accidents and status

The Contractor shall provide a quarterly report that incorporates a summary of the monthly operations (tonnage and volume reports for municipal solid waste) for the preceding quarter. The annual report for each year shall be delivered to the County by the Contractor no later than January 31st of the following year.

The County shall deliver an appropriate annual report of the Solid Waste Division operations (tonnage and volume reports for municipal solid waste, household hazardous wastes and recyclables received) to Northeast Tri-County Health District and to Washington State Department of Ecology before March 1 of the following year.

2.14 FACILITY SECURITY

During operating hours, the Contractor/Subcontractor will provide measures to ensure facility security and eliminate unauthorized facility access to the three Transfer Stations. Security measures shall be in effect at all times, and the County and Contractor/Subcontractor agree to review security measures for the property used by the Contractor/Subcontractor. The Contractor/Subcontractor shall ensure that each facility is properly closed and secured before leaving at the end of each workday.

2.15 TRAFFIC CONTROL

The Contractor/Subcontractor will be responsible for controlling movement of traffic on-site at each Transfer Station facility. The Contractor/Subcontractor will assist disabled vehicles when possible and remove them from the unloading operation areas when necessary. Facility staff shall enforce the County Transfer Station rules (See Appendix S). The County is responsible for establishing (and periodically changing) the Transfer Station rules as they deem necessary.
The South facility may receive both public self-haul and commercial waste collection vehicles simultaneously. The Contractor/Subcontractor shall be responsible for directing commercial and self-haul public vehicles to the designated queuing and tipping areas. During heavy traffic flow or inclement weather, the Contractor/Subcontractor may direct vehicles to areas other than normally designated areas, consistent with operational safety.

2.16 INCLEMENT WEATHER CONDITIONS

In the event of excessive snowfall, extremely icy roads or sub-zero freezing temperatures, representatives from the County and Contractor/Subcontractor will contact or meet with the facility staff of the three County Transfer Stations as soon as possible. It is the mutual responsibility of these parties to contact each other for such a meeting. The purpose of the meeting is to observe and discuss the adverse effects of the weather on the operations at the County Transfer Stations; strategize and determine the effectiveness of any snow/ice removal measures made up to that time. It will be mutually agreed as to how to proceed with continued operations at the Transfer Stations based upon what weather and conditions are observed.

2.17 WORK STOPPAGE

In the event of a work stoppage, either by design or uncontrollable circumstances, by or of Contractor's Subcontractors, the Contractor/Subcontractor will arrange for replacement facility staff and/or equipment as necessary to continue operations. The Contractor/Subcontractor will report work stoppages and other deviations from this Plan to the County representative, and will also complete an incident report. The County will then report the work stoppages and other deviations from this Plan to Northeast Tri County Health District. Copies of all reports shall be available at the respective Transfer Station for inspection.
SECTION 3: FACILITY STAFFING, SAFETY & TRAINING

3.1 STAFFING

Contractor/Subcontractor will provide two on-site attendants at the South facility and one each at the Central and North facilities for each open operating day. The facility staff will provide all aspects of the Transfer Station operations including, but not limited to, waste container loading services and overall facility supervision, plus assistance with recycling and household hazardous waste activities. (See Appendix H for Subcontractor contact information)

3.2 ORIENTATION & TRAINING

Contractor/Subcontractor shall implement a facility staff safety orientation and training program, which shall continue throughout the term of the contract. At a minimum, they shall be responsible for meeting all Department of Labor and Industries minimum requirements, and the following program requirements:

- Orientation for new facility staff, including safety training and emergency contingency planning
- Accident reporting procedures for notification to the County and any other agencies
- Mandatory CPR/first aid instruction for all facility staff
- Mandatory initial 24 hour (3 day) HAZWOPER training class for all facility staff followed by an 8 hour (1 day) yearly refresher class
- Regularly scheduled safety meetings
- Fire prevention and firefighting instruction
- Waste screening training, including recognition of unacceptable waste before and after customers unload their garbage
- Instructions and procedures for effective cleanup, management and disposal of unacceptable wastes
- Routine inspection and testing procedures for all safety and emergency equipment and protective devices, and routine walk-through inspections will be conducted by the Contractor/Subcontractor through each Transfer Station in order to identify and correct all potential or actual unsafe conditions
- Thorough investigation and documentation of all accidents
- Observation of all applicable OSHA standards and posting of safety bulletins and posters required by regulatory agencies regarding accident prevention and hazardous situations
Contractor/Subcontractor will abide by all local, state, and federal safety engineering requirements

Contractor/Subcontractor will provide first-aid stations, emergency medical response for injured facility staff and customers, and chemical exposure treatment procedures

3.3 TRAINING REQUIREMENTS

All Contractor/Subcontractor’s facility staff will be required to attend safety training programs to become knowledgeable in emergency response procedures and hazardous waste and environmental health precautionary practices. They will be trained to anticipate where problems could occur and how to avoid them.

Facility staff will need to attend the following training:

- A 24 hour (3 day) HAZWOPER class within 90 days of employment
- An 8 hour (1 day) HAZWOPER refresher class each year thereafter
- A bloodborne pathogen class yearly
- A standard CPR/first aid class to keep their card current

Because hazardous material may be present in waste delivered to the County Transfer Stations, facility staff will be trained to recognize and handle potentially hazardous materials. Identification procedures of unacceptable wastes and/or suspected dangerous or hazardous materials in Sections 2.7 and 2.8 of this Plan and the Emergency Response Plan in Section 8.4 are designed to ensure staff safety and proper waste handling and outlines procedures to be followed in the event hazardous wastes or special wastes are detected in the incoming waste stream. All suspected dangerous or questionable materials will be removed from the waste or recyclables, according to the response plan, and placed in specially marked areas. Known material will be identified and documented. All collected suspected dangerous waste or questionable material will be removed by the County HHW Coordinator or other County designated vendor.

Contractor/Subcontractor facility staff will be trained in the proper use of all equipment at the facilities. Handling wastes may result in hazardous environments, so staff working around the waste must be continually aware of sharp or jagged items and moving machines. Training will emphasize the necessity for clear awareness of their surroundings.

3.4 SAFETY

Contractor/Subcontractor and County operations require a certain amount of cooperation and coordination. The Contractor/Subcontractor is solely responsible for the safety of the Contractor/Subcontractor’s facility staff; and the County is solely responsible for the safety of its County employees. Where practical, the Contractor/Subcontractor and County may cooperate resulting in no liability being attached to either party because of this cooperation.
The Contractor/Subcontractor shall provide for their fire extinguishers, and their periodic service, in their vehicles and equipment.

The County shall provide for fire extinguishers, and their periodic service, at the three County Transfer Stations. The County shall also provide hazardous waste absorbent-type materials to each County Transfer Station.

The following are general precautions and procedures for County and on-site facility staff:

- Wear protective clothing, footwear and equipment; solid waste operations have the potential to be dangerous. All on-site facility staff are instructed to wear protective clothing, footwear and prescribed safety clothing (i.e. safety vests) and safety equipment for specific jobs or work activities. Protective clothing and safety equipment may include safety glasses with side shields or full face shields, hard hats in hard hat areas, dust masks or respirators as prescribed by procedure or in areas where dust or mist is a problem, gloves, protective footwear, and other clothing to cover and protect the skin.

- Know the location and use of fire extinguishers and other firefighting equipment

- Know the location and use of hazardous waste absorbent-type materials and equipment in case of oil, gas or chemical spills

- Know and understand the procedures for confined space entry and other potentially dangerous work areas

- Work carefully. Excessive speed, running, or sudden actions can be dangerous to co-workers and the public

- Operate equipment or perform work activities only for which you are trained or have the required licenses, permits or certification

- Keep a current, standard valid CPR/first aid card in your possession

- Have a HAZWOPER 24 hour training class certification copy at your workplace (and attend an 8 hour refresher class each year, thereafter)

- Attend a bloodborne pathogen class yearly

- Attend and participate in all safety-training sessions

- Get information and material safety data sheets (MSDS) forms on materials before using them in your work

- Know the medical and fire emergency response steps specified in Section 8 of this Plan
3.5 SAFETY EQUIPMENT

Portable, dry chemical fire extinguishers will be present on all County owned equipment and will also be placed at appropriate locations (i.e. scale house, Moderate Risk Waste and Recycle buildings, garage stall and tipping floor building) throughout the County Transfer Stations at the County’s expense.

The Contractor/Subcontractor’s owned equipment shall also have portable, dry chemical fire extinguishers, a first aid kit and spill containment kit present.

In addition, all equipment will be fitted with backup warning devices and any other required safety features. Backup warning devices will be activated and used any time the equipment is operated when the driver does not have an unobstructed 360 - degree view around the equipment. Under no circumstances will manufactured installed safety equipment be removed.

Each County Transfer Station shall include a first aid kit and an emergency eyewash station for use in the event someone comes into contact with a harmful material. Signs will be posted throughout the facility informing staff of safety procedures. The signs will communicate both general safety procedures and more pertinent procedures to specific pieces of equipment or areas of the facility.

Because protective clothing can be effective in reducing and eliminating injury, County and facility staff will be required to wear safety equipment such as safety vests, hard hats, safety glasses, dust masks, gloves, and protective footwear in specified areas.
SECTION 4: TRANSPORTATION OPERATIONS

4.1 LOADING & COMPACTION

The County designed the three Transfer Stations for collecting waste into top loading trailer or drop box containers. The waste is compacted into long haul containers at the South facility, using a backhoe or other similar equipment.

Containers shall be designed, engineered, and rated to perform satisfactorily and safely at all times. Containers shall be of a height and width that does not require special permits for use on public roads. Overall outside length, height, bridge span, and distance between axles of trailers shall conform to all applicable local, state, and federal regulations.

Containers shall be designed and maintained so that leakage or spillage of either waste or liquids while in transit or storage does not occur, and so that waste is not dispersed or does not cause odors during transport.

Trailer and/or containers shall be numbered so that the number cannot be hand-removed. The number shall be at least six inches in height and shall be easily legible at a distance of 50 feet.

4.2 COORDINATION WITH TRANSPORT

The three County Transfer Stations shall be operated to maintain full compatibility with the solid waste transportation and disposal system. Except as provided elsewhere, about four to six 40 cubic yard short haul containers for moving municipal solid waste from the Central and North facilities to the South County facility, rail cars, and related equipment shall be owned and maintained by the Contractor/Subcontractor who shall have unrestricted access to the Transfer Stations for purposes of removing full containers and delivering empty containers. The South County facility shall be operated and maintained to provide on-site storage of a minimum of two 53 foot containers, more if needed. Contractor/Subcontractor shall provide and operate all other equipment necessary for legal loading of containers in accordance with Section 4.1 above.

The Contractor/Subcontractor shall be responsible for the full cycle of transfer and disposal operations, including moving empty trailers or containers from the staging area, loading trailers or containers, weighing and preparing all required documentation, and returning the trailer or container to the staging area.

The Contractor/Subcontractor shall load containers in accordance with the loading protocol and as otherwise required in this Plan, and shall exercise reasonable care to avoid unusual wear or damage to the containers during loading. The Contractor/Subcontractor shall be fully responsible for loading containers according to the legal gross railroad weights, and shall unload and reload containers as necessary to achieve compliance with applicable weight limits. The Contractor/Subcontractor is also responsible for payment of all over-weight fines and other fines received during waste transportation and disposal operations.
SECTION 5: RECYCLING

5.1 RECYCLING OPERATIONS

The County will provide various recycling drop boxes (about 40 cubic yard capacity) at the three County Transfer Stations. The Contractor/Subcontractor’s facility staff will monitor the recycling containers and report any problems to the County Recycling Coordinator. The Contractor/Subcontractor shall not charge the public to use the recycling containers (See Appendix T for “How To” Customer Directions).

The on-site staff will direct customers entering the facility with acceptable recyclable materials to the recycling drop boxes. Signage will also direct customers where to put each recyclable and how each recyclable material is to be prepared prior to recycling (i.e. cardboard – dry and flat).

When the aluminum, metal and paper recycling bins become full, the facility staff will contact the appropriate recycling location designated by the County Recycling Coordinator and have them pick up the material or the Contractor/Subcontractor truck driver will deliver the recyclables to the designated recycling location. When cardboard recycling bins become full, the facility staff will contact the Contractor/Subcontractor truck driver to bring the container to the South facility where the County Recycling Coordinator will bale the cardboard into 1,200 pound bales. When a semi truck load of bales has accumulated, the County Recycling Coordinator will contact the appropriate recycling vendor for pickup of the baled cardboard.

The County will develop schedules with private companies to come and collect the other various materials (such as E-cycle, automobile batteries, used inkjets and laser printer cartridges). These schedules will be developed so that no adverse impacts are created by the short-term storage of these recyclable materials.

5.2 ACCEPTABLE RECYCLABLES

Recyclable materials presently accepted at the three County Transfer Stations include:

- **Aluminum drink cans**
- **Corrugated cardboard**
- **Ferrous metals (a magnet sticks)**
- **Tin food cans**
- **Used inkjet or laser printer cartridges**
- **Appliances (non refrigerant based)**
- **E-CYCLE (specific electronic items)**
- **Used vehicle batteries**
- **Non-ferrous metals (non-magnetic: aluminum, copper, brass, stainless steel)**
- **Good LATEX paints (reusable condition, in cans with labels and lids)**
- **Mixed white office paper, junk mail, magazines and newspapers**

Non Refrigerant Based Appliances - Recyclable.

Customers arriving at any of the three County Transfer Stations with appliances that do not contain refrigerant based compressors (Freon being the most common type of refrigerant) such as washing machines, dryers, hot water tanks, etc. that are about 80% metal are recyclable. Facility staff will direct customers to deposit them into the ferrous metal recycling boxes with no charge to the customer.
Refrigerant Based Appliances – NOT Recyclable

Several hundred refrigerant based appliances are collected each year at the three County facilities. These units such as refrigerators, air conditioners and freezers are each charged a separate fee (plus tax) from other garbage due to the additional costs involved in safely removing the refrigerant (Freon being the most common type). (See Appendix F for rates)

Facility on-site attendants are to direct customers to the designated refrigerant based appliance area at each County Transfer Station. The appliances should be left in an up-right position when unloaded and there must NOT be any shelving, racks, or organic material (such as food) left inside, as that is all garbage. It is the responsibility of the tipping floor attendant or on-site staff to see that all refrigerant based appliances are in an upright position in the designated area and that the customer has removed all loose materials from inside the unit.

Electronic Waste – Recyclable

Electronic waste refers to discarded computers, monitors, printers, fax machines, cell phones, electronic cables, and other electronic products. E-cycle Washington is a program paid for by electronic manufacturers that provide responsible recycling for selected electronic products. This new program is required under a Washington State law (Chapter 70.95N RCW) that was passed in 2006. The new law is an example of Producer Responsibility, where the company that makes a product is responsible for minimizing the product’s environmental impact throughout all stages of the products’ life cycle, including end of life management. The program was launched in January 2009, and the County is a collection site for E-cycle items. A list of other Washington collection sites is available at www.ecyclewashington.org or call 1-800-Recycle. Only TVs, computer monitors, computers, desktop and tower CPUs, laptops and e-readers are accepted for recycling from specific Washington entities; namely, households, small businesses, schools and school districts, special purpose districts, small government and charities. (See Appendix U for E-cycle brochure)

Electronic Waste – NOT Recyclable

Although the Washington E-cycle program does not provide free recycling for other electronic equipment (such as printers, computer mice, fax machines, DVD players, MP-3 players, gaming consoles, keyboards and other peripheral computer equipment) these electronic products can be recycled but may be assessed a fee. However, the County does not accept these devices for recycling and there are currently no collection sites within the County who accept these “non E-cycle” products, even for a fee.

Used Vehicle Batteries - Recyclable

Used automobile, tractor, lawnmower, ATV and other lead acid type batteries are accepted at the three County facilities and are stockpiled in leak proof bins. When sufficient quantities of batteries are received, the County Recycling Coordinator regularly transports them to specialty vendors for recycling.
LATEX (water based) Paint

LATEX (water based) paint is accepted as a recyclable at each County Transfer Station if it is good, ready-to-use, in a labeled container and in reusable condition. A five gallon maximum customer drop off limit of recyclable LATEX paint per visit is allowed. From time to a “free table” located outside the Moderate Risk Waste building next to the South facility is set up where customers can take a can or two of recyclable LATEX paint to reuse at home. Reusable paints must be in the original cans with a label as to its contents.

Old, dirty, rusty, unusable LATEX (water-based) paints from households are not considered hazardous materials nor are they recyclable; they are garbage! Customers may dispose of non recyclable LATEX paint with their normal garbage as small amounts of LATEX paint left in paint containers can be thrown away. However, if large volumes (over five gallons) of non recyclable LATEX paint are brought in by customers with their normal garbage, small amounts of liquid, runny LATEX paint can be thrown with their garbage but it is best if most of the LATEX paint being thrown away is thicker, dried or hardened in the paint container so it doesn’t seep out of the garbage containers as they travel down the highway. The facility staff (or County Recycling Coordinator) may need to inform the customers verbally or provide a flyer, provided by the County, which describes the four easy steps to disposal of large amounts of runny, non reusable leftover LATEX paint that cannot be recycled. (See Appendix V)

5.3 MODIFYING ACCEPTABLE RECYCLABLE MATERIALS LIST

The County designated acceptable recyclable list shown in Section 5.2 may be modified, using the following minimum criteria (other conditions not currently anticipated may also apply):

Adding New Recyclable Materials
- Local markets and/or brokers expand their list of acceptable materials based on new uses or technologies increasing demand
- Local or regional processing options for a material are available
- Sufficient quantity of the material is available in the waste stream
- The material can be collected efficiently and has minimal processing requirements

Removing Existing Recyclable Materials
- Market price does not reasonably meet all the costs for collection, processing and transportation of the recyclable materials
- No end user or market is available resulting in long-term stockpiling of material
- Disposal of material does not adversely impact disposal capacity or costs

5.4 RECYCLING RECORDKEEPING

The County Recycling Coordinator is responsible for determining the number of customers served, total weights of recyclables collected and the total dollar value of the recyclable commodities sold. These amounts are reported to the Solid Waste Coordinator who tabulates them into a monthly recyclable worksheet which is used to prepare the annual reports submitted to Washington State Department of Ecology.
SECTION 6: MODERATE RISK & HOUSEHOLD HAZARDOUS WASTE

6.1 MODERATE RISK WASTE DEFINITION

**Moderate Risk Wastes (MRW)** are wastes that would be classified as hazardous waste but they are exempt since they are collected in low volumes from residential households. The County does not accept any business or commercial hazardous wastes. Facility on-site staff should direct business or commercial hazardous waste customers to other outside vendors which may be able to accept their hazardous wastes (See Appendix K).

6.2 MODERATE RISK WASTE FACILITY

The County has a 1,500 square foot Moderate Risk Waste building located at the South County facility. This MRW building is operated, maintained and used by the County HHW Coordinator to collect, process, bulk and store all household hazardous wastes collected by the three County facilities until such wastes can be properly disposed of or recycled.

The MRW building at the South facility is for the longer term storage of HHW until sufficient quantities to process, bulk and properly dispose of the HHW at an approved facility off site. The MRW materials storage area is surrounded with concrete walls and a chain link fence. The MRW building is locked up when the County HHW Coordinator is not working inside and the materials lock down storage area (the east half) is not open to the public or other non qualified people.

The MRW building has a fire suppression system in the lock down side. There is also a gas detection monitoring device used to detect any explosive gas concentrations while bulking household hazardous wastes. The MRW building also has a ventilation fume exhaust hood installed in the corner of the HHW lock down side which is used to pull fumes away from the HHW bulking area.

6.3 ACCEPTABLE HOUSEHOLD HAZARDOUS WASTES

Acceptable household hazardous waste brought to the three County Transfer Stations (in quantities of five gallons or less, if applicable, per visit per customer) includes:

- Used antifreeze in jugs or containers with lids
- Used lead acid vehicle batteries from automobiles, tractors, ATV’s, snowmobiles, etc.
- Used motor oil in jugs or buckets with lids
- Used motor oil filters
- RECHARGEABLE household batteries from razors, cell phones, cordless tools, etc.
- Flammables such as gasoline, lighter fluid, oil based paints, stains, resins and solvents (also see Appendix W)
- Pesticides/Poisons such as arsenic and weed killer (also see Appendix X)
- Corrosives such as bases, acids, oxidizers and water reactives (also see Appendix Y)
- Fertilizers that contain moss killers, herbicides or nitrates
- Refrigerant based appliances (refrigerators, freezers, air conditioners, etc.)
The County cannot accept any business or commercial hazardous wastes. Facility on-site staff should direct business or commercial hazardous waste customers to other outside vendors which may be able to accept their hazardous wastes (See Appendix K).

6.4 REFRIGERANT BASED APPLIANCE SPECIAL PROCEDURES

Several hundred refrigerant based appliances are collected each year at the three County facilities. These units such as refrigerators, air conditioners and freezers are each charged a separate fee from other garbage fees due to the additional costs involved in processing them to safely remove the refrigerant (Freon is the most common type of refrigerant)

Facility on-site attendants are to direct customers to the designated refrigerant based appliance area at each County Transfer Station. The appliances should be left in an up-right position when unloaded and shelving, racks, or organic material (such as food) must NOT be left inside, as that is all garbage. It is the responsibility of the tipping floor attendant or on-site staff to see that all refrigerant based appliances are in an upright position in their designated area and that the customer has removed all loose materials from inside the unit.

6.5 NON-HAZARDOUS WASTES THAT ARE REALLY GARBAGE

Sometimes customers may bring in items from their homes that they consider to be hazardous, but the items do not need to be disposed of as hazardous waste. These items may include but not be limited to the following: Latex paint, oil contaminated solids (such as drained filters, unsaturated rags and empty oil containers), furniture polish, waxes, empty aerosol cans, alkaline soaps, empty small compressed gas cylinders, silicone sealers and caulks, hardened glues, spackle, dry wall compound, tile grout, solid or hardened paint in a can (except marine, epoxy or lead based paints), and adhesives. If the on-site facility staff accepts such wastes frequently and/or in large quantities, the County may send an invoice to the Subcontractor for the cost of disposal of such non-hazardous waste garbage not charged as garbage to the customer.

6.6 UNKNOWN OR UNLABELED HAZARDOUS WASTES

No facility on-site staff shall accept any unlabeled or unknown hazardous wastes. Customers should be given the County HHW Coordinator’s business card and will be asked to call him for directions on how or what or where to bring unknown and/or unlabeled suspected materials.

6.7 MODERATE RISK WASTE OPERATIONS

MRW is collected at each of the three County facilities in leak proof containers or on containment pallets. Processing and consolidation occur on a regular basis, either on-site or following transport to the County MRW building by the County HHW Coordinator.
South Facility HHW Operations

Customers at the South facility bring their household hazardous waste to the designated containment pallets, bins or contained table provided by the County in front of the MRW building under the covered area out of the weather. Signage directs customers to specific locations for various household hazardous waste disposals. On-site staff are required to attend HAZWOPER training (Refer to details in Section 3.2 and 3.3 of this Plan) in order to help customers with their household hazardous waste disposal. Plastic pails and ZIPLOCK type plastic gallon bags are available for on-site attendants to use in case HHW collected is in leaky or marginal cans so they can be contained prior to placing them in the proper containment bins.

The first sorting process begins at the containment area of the MRW building at the South facility where customers drop off their household hazardous waste. Through visual inspection, container labels and customer information, most household hazardous wastes can be clearly identified. Wastes indentified in this preliminary sorting are handled as follows:

- Oil-based paints and stains - place on the designated containment pallet
- Antifreeze - place in the designated containment tote
- Auto batteries - place in the designated container tote
- Rechargeable household batteries - place in the designated container tote
- Flammable wastes - place in the designated container tote
- Corrosive wastes - place in the designated container tote
- Poisons and pesticides - place in the designated container tote
- Aerosol cans - sort all aerosols into insecticides/pesticides, corrosives, or flammables. Check for ozone-depleting chemical propellants (chlorofluorocarbons or CFC's).
- Used motor oil - place in the designated container tote
- Hydraulic oil - place in the designated container tote
- Automatic transmission fluid - place in the designated container tote
- Petroleum oil - place in the designated container tote
- Lubricating oil - place in the designated container tote
- Lantern oil - place in the designated container tote
- Spray oils - place in the designated container tote

MRW Operations at the South Facility

HHW waste is segregated and processed by the County HHW Coordinator (or other properly trained and qualified person or contractor) for bulking, recycling and/or final shipment disposal. All MRW is stored in a secured (fenced, gated and locked) area solely accessed by the County HHW Coordinator. Some products, suitable for reuse and that are appropriate and not banned, are staged and exchanged on the “free table” from time to time. Longer storage (up to six months), accumulation of the more hazardous items and MRW processing occurs only at the MRW building located at the South facility. Some products, suitable for reuse and that are appropriate and not banned, are staged and exchanged on the “free table” from time to time at the MRW building at the South facility.

The MRW building has metal shelving to hold and organize Rubbermaid storage totes which are clearly marked by labels, signs or legible writing in indelible marker to aid in identifying their
contents: 1) bases, 2) acids, 3) poisons, 4) flammables, 5) corrosive oxidizers, 6) corrosive water reactives, and 7) unknowns. The Rubbermaid storage totes are not stacked on top of each other or anything else. Only the County HHW Coordinator (or other properly trained and qualified person or contractor) sorts and segregates the HHW materials that are collected and places the materials into the appropriate storage totes on the shelves. Special, new hazardous waste 55 gallon drums shall have at least one side with a minimum of 30 (thirty) inches of clear aisle space. Special hazardous waste 55 gallon drums and/or containers are kept closed except when the County HHW Coordinator is bulking materials.

The County HHW Coordinator is responsible for ordering and keeping sufficient quantities of containers, barrels, bins, pallets, pails, absorbent pads and any other hazardous waste supplies on hand so they are available when replacements are needed at the three County Transfer Stations. Severe rusting or other obvious container defects are not suitable or allowed for storing MRW materials.

Central Facility HHW Operations

Customers at the Central facility bring their household hazardous waste to the designated containment totes (with lids) provided by the County opposite the little office building. Signage directs customers to specific locations for various household hazardous waste disposals. On-site staff are required to attend HAZWOPER training (Refer to details in Section 3.2 and 3.3 of this Plan) in order to help customers with their household hazardous waste disposal. Plastic pails and ZIPLOCK type plastic gallon bags are available for on-site attendants to use in case HHW collected is in leaky or marginal cans so they can be contained prior to placing them in the proper containment totes.

The first sorting process begins where customers drop off their household hazardous waste. Through visual inspection, container labels and customer information, most household hazardous wastes can be clearly identified. Wastes identified in this preliminary sorting are handled as follows:

- Oil-based paints and stains - place in the designated containment tote
- Antifreeze - place jugs or buckets in the designated containment tote
- Auto batteries - place inside the battery containment tote
- Rechargeable household batteries - place in with the auto batteries
- Flammable wastes - place in the designated containment tote
- Corrosive wastes - place in the designated containment tote
- Poisons and pesticides - place in the designated containment tote
- Aerosol cans - sort all aerosols into insecticides/pesticides, corrosives, or flammables. Check for ozone-depleting chemical propellants (chlorofluorocarbons or CFC’s).
- Used motor oil - place the jugs or buckets (with lids) in the oil containment tote
- Hydraulic oil - place the jugs or buckets (with lids) in the oil containment tote
- Automatic transmission fluid - place the container in the oil containment tote
- Petroleum oil - place the container in the oil containment tote
- Lubricating oil - place the container in the oil containment tote
- Lantern oil - place the container in the oil containment tote
- Spray oils - place in the oil containment tote
It is the Central facility on-site staff’s responsibility to temporarily secure and segregate household hazardous wastes received. The Central facility on-site staff should keep the County HHW Coordinator informed with the amounts of HHW collected so the County HHW Coordinator is able to remove the materials and do the final sorting and storage in the MRW building at the South facility.

If the Central facility receives more household hazardous waste than can be safely stored in the available containment totes, the staff shall immediately stop taking additional household hazardous wastes and notify the County HHW Coordinator so arrangements can be made to transfer the hazardous material to the Moderate Risk Waste Building at the South facility.

North Facility HHW Operations

Customers at the North facility bring their household hazardous waste to the designated containment pallets or bins provided by the County near the scale office building under the covered area out of the weather. Signage directs customers to specific locations for various household hazardous waste disposals. On-site staff are required to attend HAZWOPER training (Refer to details in Section 3.2 and 3.3 of this Plan) in order to help customers with their household hazardous waste disposal. Plastic pails and ZIPLOCK type plastic gallon bags are available for on-site attendants to use in case HHW collected is in leaky or marginal cans so they can be contained prior to placing them in the proper containment bins.

The first sorting process begins where customers drop off their household hazardous waste. Through visual inspection, container labels and customer information, most household hazardous wastes can be clearly identified. Wastes identified in this preliminary sorting are handled as follows:

- Oil-based paints and stains - place in the designated containment tote
- Antifreeze - place jugs or buckets in the designated containment tote
- Auto batteries - place inside the battery containment tote
- Rechargeable household batteries - place in with the auto batteries
- Flammable wastes - place in the designated containment tote
- Corrosive wastes - place in the designated containment tote
- Poisons and pesticides - place in the designated containment tote
- Aerosol cans - sort all aerosols into insecticides/pesticides, corrosives, or flammables. Check for ozone-depleting chemical propellants (chlorofluorocarbons or CFC's).
- Used motor oil - place the jugs or buckets (with lids) in the oil containment tote
- Hydraulic oil - place the jugs or buckets (with lids) in the oil containment tote
- Automatic transmission fluid - place the container in the oil containment tote
- Petroleum oil - place the container in the oil containment tote
- Lubricating oil - place the container in the oil containment tote
- Lantern oil - place the container in the oil containment tote
- Spray oils - place in the oil containment tote

It is the North facility on-site staff’s responsibility to temporarily secure and segregate household hazardous wastes received. The North facility on-site staff should keep the County HHW Coordinator informed with the amounts of HHW collected so the County HHW Coordinator is
able to remove the materials and do the final sorting and storage in the MRW building at the South facility.

If the North facility receives more household hazardous waste than can be safely stored in the available containment containers, the staff shall immediately stop taking additional household hazardous wastes and notify the County HHW Coordinator so arrangements can be made to transfer the hazardous material to the Moderate Risk Waste Building at the South facility.

6.8 MODERATE RISK WASTE RECORDKEEPING

Recordkeeping of quantities of MRW materials collected and customers served at the South facility is maintained by the County HHW Coordinator. Collected HHW from the Central and North facilities are transported to the MRW building at the South facility and the County HHW Coordinator keeps track of the total weights collected. These amounts are tabulated into a monthly HHW report (See Appendix Z) which is forwarded to the County Solid Waste Coordinator for use in annual reports submitted to Washington State Department of Ecology.

The staff at the Central and North facilities shall keep track of the quantities of household hazardous waste collected (See Appendix R). The facility staff shall monitor the household hazardous waste containers and shall call the County HHW Coordinator when containers are in need of service, about every two weeks since the Central and North facilities are only open a couple days per week.

6.9 HHW PROTECTIVE CLOTHING & EQUIPMENT

When Handling HHW

At a minimum, County and Contractor/Subcontractor facility staff will wear the following when handling household hazardous wastes:

- Eye protection – goggles, face shield or safety glasses
- Hand/lower arm protection – chemical resistant gloves
- Body protection – long jeans or pants, no shorts
- Foot protection – over the ankle boots, no tennis shoes

When Bulking or Packing HHW or Handling A Hazardous Materials Incident

At a minimum, the County HHW Coordinator (or other trained and qualified person or contractor) will wear the following protective clothing and equipment when bulking, testing or drum packing HHW or handling hazardous materials incidents:

- Eye protection – goggles, face shield or safety glasses
- Hand/lower arm protection – chemical resistant gloves
- Body protection – coverall, chemical apron or chemical-resistant suit.
  Coveralls contaminated with hazardous substances are to be changed immediately. Some exceptions may include paint, used motor oil or other substances which would not pose a health threat to the HHW worker.
- Foot protection – chemical-resistant boots
- Respiratory protection – a full-face cartridge style respirator

**Decontamination of Protective Clothing/Equipment**

Chemical resistant gloves, suits and booties are disposable and should be discarded after one use. Chemical-resistant boots may be cleaned and reused unless damaged or contaminated with a substance that cannot be cleaned or removed. To clean, use warm, soapy water and absorbent towels. Disposable clothing and absorbent towels are handled as solid waste.

Non-disposable protective clothing and respirators are to be kept in the MRW facility and thoroughly cleaned, disinfected and inspected after each use or more frequently if there is known or suspected contamination.

Protective clothing has a leak-through time of several hours depending on the material, so contaminated clothing should be changed and/or decontaminated as soon as possible after contamination has occurred.

**6.10 REFRIGERANT RECOVERY PROCESS**

The County HHW Coordinator (or other trained and qualified person or private contractor) will perform the refrigerant recovery process at each Transfer Station location when a sufficient quantity of appliances has accumulated to warrant transporting the refrigerant extraction equipment to the site. The County HHW Coordinator (or other trained and qualified person or private contractor) will identify the refrigerant by the ID number plate on the refrigerator, freezer or air conditioner or appliance. The plate can usually be found on or near the compressor. For example:

- R-12 \( \text{CCl}_2\text{F}_2 \) Dichlorodifluoromethane
- R-22 \( \text{CHCIF}_2 \) Chlorodifluoromethane
- R-134a \( \text{CH}_2\text{F}_3 \) Tetrafluoroethane

Each refrigerant appliance shall be coded (using R-12, R-22, etc.) in permanent marker as to the type of refrigerant in the unit’s system. Start up and recovery of the refrigerant will adhere to manufacturer’s recommended method(s). **Remember: eye protection must be worn before puncturing any refrigerant system line!**

Once the refrigerant has been removed from an appliance, mark unit with a large \( \text{X} \). After the motors and/or compressors are removed from the appliance and the oil is drained from the compressors and/or motors, the processed appliance hulks are recycled in the metal containers as directed by the County’s HHW/Recycling Coordinator. When sufficient quantities of motors and/or compressors have accumulated in leak proof bins, the County’s Recycling Coordinator will contact the appropriate vendor for recycling.

If there is no identification tag on the unit, mark appropriately. Units marked and labeled as “Unknown” are to have refrigerants removed and stored in approved refrigerant cylinders which are also to be marked unknown. Cylinders labeled as “unknowns” will be taken to an approved recycling facility for testing to determine whether it is a hazardous waste.
6.11 FINAL SORTING/CLASSIFYING OF KNOWN MATERIALS

When the HHW drop off areas becomes full, or at other convenient times (it may be hourly or daily at the South facility depending on volumes received and at least twice a month for the Central and North facilities or once a week if volumes are greater). The HHW materials are removed from the containment totes or pallets by the County HHW Coordinator and moved to their appropriate storage area in the lock down side of the MRW building at the South facility.

Therefore, the North and Central facility on-site staff should keep the County HHW Coordinator informed with the amount of HHW collected so the County HHW Coordinator is able to remove the materials and perform the final sorting and storage in the MRW building at the South facility. The County HHW Coordinator (or other trained and qualified person or contractor) will use the gas monitoring detection device and ventilation fume exhaust hood in the lock down area of the MRW building whenever bulking or packing HHW drums to insure that dangerous fumes do not accumulate in the working area.

Each item must be properly classified prior to being placed in the segregated storage container in the MRW building by the County HHW Coordinator (or other trained and qualified person or contractor). MRW wastes are placed on shelves in totes only with similar and/or compatible materials.

Flammable, corrosive oxidizers, corrosive water reactives, acids, bases, poisonous and unknown wastes are stored in segregated containers within the lock down area of the MRW building at the South facility. Determination of the appropriate hazard class may require any or all of the following steps:

- Read all labels and other written material carefully
- Review MSDS sheets, if available
- Look up chemical or constituents in reference books. Identify information such as properties, hazards and uses
- Look up the hazard class. For example, if the only information available is that the material has a flash point of 100 degrees Fahrenheit, then the County HHW Coordinator can look at the “Flammable Liquid” category in the Department of Transportation (DOT) Hazardous Materials Table (49 CFR Part 172.101) to find the complete DOT shipping name, Hazard Class, UN or NA number, specific packing requirements and compatibility information.
- Look up chemical or hazard class in 40 CFR to find the EPA waste code
- Look up the chemical or hazard class in WAC 173-303 to find the waste code
- Call another HHW Coordinator for advice

6.12 Hierarchy of Hazard Class

Many MRW items will include a mixture of waste types. Such waste will be placed in the highest hazard class, according to the following hierarchy of hazard class:
Hazard Classes

- Poisonous gases (MOST Hazardous)
- Flammable gases
- Non-flammable gases
- Flammable liquids
- Oxidizers
- Flammable solids
- Corrosives
- Poisonous liquids or solids
- Miscellaneous hazardous materials (Least Hazardous)

6.13 FINAL SORTING/CLASSIFYING OF UNKNOWN MATERIALS

Only the County HHW Coordinator (or other trained and qualified person or contractor) will do on-site chemical classification in order to determine the hazard class of unknown or unlabeled materials that may show up. Only physical characterization tests, using test strips or sealed kits, will be performed.

All unlabeled material delivered to the facility will be examined one at a time. The first step in this determination process is to inspect the container closely to see if portions of a label are visible, or if the color, shape and type of the container give any clues as to its contents. It is often quite simple to identify pesticides and cleaning products by the types of containers they come in.

All materials that have crystals in or around the lid should be first tested to see if they are peroxides. The peroxide test is a test strip that needs to be moistened and placed in contact with the crystals. If no crystals are present, or if all the crystals are inside the container, it is still prudent to perform the peroxide test by gently working the test strip under the sealed edge of the cap. The test is very sensitive and the residue left on the inside of the cap will be sufficient to perform the test. Peroxides that have crystals should never be opened, bumped, heated or physically stressed in any way since they are shock-sensitive and will explode! Materials that have no crystals but test positive on the peroxide test will be packed in an organic peroxide lab pack drum.

The next test is to determine if the material is a base or an acid. For this test, a single strip of pH paper will be dipped into a liquid or wetted and placed in contact with a solid. If all other tests are negative, and the pH is less than 3, the material will be placed with the acids. If the pH is greater than 11, it will be placed with the bases.

The final step is to determine if the material is an oxidizer. This test also requires that a wetted test strip be placed in contact with the material. If the oxidizer test is positive, the material will be packed with oxidizers regardless of the pH value.

If all of the above tests are negative, the unlabeled materials will be considered a poisonous pesticide, and packed in a poison-flammable lab pack container.
After each of the above tests, it is important for the County HHW Coordinator (or other trained and qualified person or contractor) to record the test results for the unlabeled waste, in order to avoid confusion and duplication of efforts. All of the results will be clearly marked on the container using an indelible marker.

Other physical tests may also be used to determine if oils contain chlorinated hydrocarbons, especially PCB’s. These tests come in sealed, single-use kits. The instructions that come with the kits should be followed exactly.

6.14 MRW DRUM PREPARATION & SHIPPING

HHW wastes are prepared for shipment to the MRW contractor or other appropriate facility only by the County HHW Coordinator (or other trained and qualified person or contractor).

MRW such as used antifreeze is bulked into 55 gallon drums appropriately labeled and stored on containment pallets in the MRW building. The County HHW Coordinator will contact appropriate outside vendors when the antifreeze drums need to be emptied.

When sufficient quantities of auto batteries are collected and stockpiled in leak proof bins, the County Recycling Coordinator regularly transports them to outside vendors for recycling.

When sufficient quantities of rechargeable household batteries have been collected in leak proof bins or buckets, the County HHW Coordinator regularly packs them into boxes provided by specialty vendors for recycling.

When sufficient quantities of used motor oil is collected, it is screened, emptied and recycled into 55 gallon drum by the County HHW Coordinator (or other trained and qualified person or contractor). However, if chlorinated solvents are detected in the oil when bulking, do NOT bulk that oil/solvent mix with other motor oil. Instead it should be bulked with the oil-based paints or solvents.

Full drums of recycled motor oil are appropriately labeled and stored on containment pallets until the recycled oil is pumped into the 500 gallon recycled oil tank attached to the clean burn furnace in the South facility Recycle building. Then, the recycled oil is used as fuel in the clean burn furnace to heat the building to keep the cardboard baler operating year round.

Flammable liquids are consolidated or bulked into metal (never plastic) 55 gallon DOT approved drums with a DOT “Flammable Liquid” label and a Hazardous Waste sticker attached. Each drum should be on a rubber mat as it is prepared for bulking, it will be assigned a serial number using two letters and at least two numbers. This number will be marked on the upper one-third of the drum side and on the lid. The County HHW Coordinator must use the ventilation fume exhaust hood above the drum and a County supplies respirator to keep harmful vapors away. Also, the Industrial Scientific Corporation M 40 multi-gas portable gas monitor (purchased from Grainger) must be worn by the County HHW Coordinator, in a location near the floor to constantly monitor (and therefore alert wearer) if dangerous fumes have accumulated while bulking. Grounding and bonding of the containers when bulking flammable liquids is a must. Otherwise, static electrical sparks may result in a fire. Prior to pouring flammable liquids, bond containers by securely attaching a metal bonding strap or wire to both containers. Grounding
the dispensing drum is done by connecting the container to an already grounded object that conducts electricity. A metal water pipe or a grounded, metal building frame can be used. But note that all grounding and bonding of the containers must be bare metal to bare metal so all dirt, paint, rust or corrosion from the points of contact must be first removed.

All other MRW materials are placed into “lab pack” or loose pack approved shipping containers/drum's and sent to a hazardous waste facility for proper disposal. The County HHW Coordinator will assure that the wastes are properly packed in the drum, including absorbent materials as needed. At least one container for each category of corrosive oxidizers, corrosive water reactives, acids, bases, poisonous and unknown HHW wastes will be available at all times. Each hazardous waste drum is new and acceptable to the Department of Transportation for use as hazardous waste storage/transport containers. Lab pack drums will be lined with a 6-mil polyethylene liner. As each drum is prepared for packing, it will be assigned a serial number using two letters and at least two numbers. This number will be marked on the upper one-third of the drum side and on the lid. As individual HHW wastes are placed in the drum, the description of the waste and containers are entered on a drum inventory sheet provided by the disposal contractor. Drums are packed in accordance with the requirements established by the contractor. A hazardous waste label and appropriate hazard class label will be prepared using a waterproof, indelible marker, and attached to the upper one-third of the side of the drum. The County HHW Coordinator will also prepare the required manifest or other shipping papers, and make arrangements for the materials to be shipped to the appropriate disposal contractor. MRW materials managed by the County HHW Coordinator are transported by the County HHW Coordinator or through a contract carrier meeting the requirements of RCW 81.80 (to have a common carrier permit to collect and transport hazardous waste material) and in conformance with federal, state and municipal laws.

Before shipping liquid or lab pack household hazardous wastes, the County HHW Coordinator will assure that the drum is securely closed and the cover, securing ring, bung and gasket, as appropriate, are in place.

Each drum will require the following:

- Hazard class label
- Moderate risk waste label
- Orientation arrows (for lab pack and loose pack drums)
- Packing list (for lab packs)

Each label will be marked with the following items:

- Proper shipper name
- Hazard class
- UN or NA number (if applicable)
- Contents of the drum
- Manifest document number
- Date of accumulation of contents
- Reportable quantity (RQ), if applicable
- Generator will be: Pend Oreille County
- The word “exempt” will be used in the area designated for the EPA/DOE ID #
SECTION 7: MAINTENANCE & INSPECTIONS OF FACILITIES

7.1 NOISE, DUST, LITTER & VECTOR CONTROL

The Contractor/Subcontractor must not cause an ambient noise violation. All equipment must be properly muffled, as required by law, and be kept in clean, proper working order.

Contractor/Subcontractor facility staff will systematically police the Transfer Station grounds and pick up any stray debris. Special attention will be paid to the landscaped perimeters and entrance to the facilities. Additionally, the receiving areas of the facility, especially where wet and putrescible wastes are handled, will be swept as needed, but at least every 24 hours. The scale area and unloading areas will be swept and picked up daily to control dirt, dust or other materials. Periodically, weather permitting, the receiving areas and walls of the facility will be power washed. The County shall be responsible for maintaining (pumping) the sump tank located in the tipping floor building at the South County Facility.

Vectors, such as birds, rodents and insects can be a problem at solid waste facilities. Immediate tarping of filled containers after movement from the loading area will prevent bird attraction; and daily maintenance and clean-up, as prescribed in this Plan, should prevent generating attractive areas for the proliferation of such vector pests.

7.2 EQUIPMENT MAINTENANCE

Containers shall be maintained by the Contractor/Subcontractor in accordance with the manufacturer’s recommended maintenance schedule, and shall be maintained in a safe working condition at all times. Containers shall be inspected for corrosion, leaks, loose-fitting doors, holes or other damage to the top-covering mechanisms, siding, frames or other damage incurred during transport and disposal of waste, and repaired as necessary. Each time a trailer or container is emptied, all waste shall be removed and Contractor/Subcontractor shall clean the trailers or containers as necessary to comply with the requirements of the jurisdictional health department and to mitigate malodor, unsightliness, or attraction of vectors. If a trailer or container is damaged during operations, it shall be repaired or replaced at the Contractor/Subcontractor’s expense. (See Appendix AA for Rabanco Equipment Interchange & Inspection report)

ABC, dry chemical handheld fire extinguishers located in the Contractor/Subcontractor’s equipment and/or trucks shall be maintained and/or replaced by the Contractor/Subcontractor.

7.3 FACILITY MAINTENANCE

The County shall be solely responsible for maintaining the three County Transfer Stations in good working order and condition. The County shall maintain and repair all equipment (except Contractor/Subcontractor’s equipment) and facilities, including all plumbing, mechanical, structural, and electrical systems and components, all landscaping, septic drainage systems, and related components. The County shall be responsible for maintaining (pumping) the sump tanks located in the tipping floor building and the Moderate Risk Waste building, both at the South facility, on an as needed basis. The County is also responsible for maintaining (cleaning)
the South and North facility garage stall sand traps and/or drywells on an as needed basis. The County shall plan, schedule and control preventive maintenance in order to minimize the Contractor/Subcontractor’s equipment downtime.

The County shall be responsible for all ABC, dry chemical handheld fire extinguishers located on the tipping floor, in the Recycle building, MRW building, each office and garage stall at the County facilities (but not in the Contractor/Subcontractor’s equipment or trucks). The ABC, dry chemical handheld fire extinguishers shall be inspected and maintained on an annual basis by a qualified vendor designated by the County and replaced when deemed necessary.

7.4 SCALE MAINTENANCE

Calibration, maintenance and repair of the weighing system scales and associated equipment located at the South and North facilities shall be performed by a County designated vendor on an ongoing basis.

7.5 CONTRACTOR/SUBCONTRACTOR FACILITY INSPECTIONS

The Contractor/Subcontractor staff shall daily visually inspect the facilities, containers and vehicles to prevent malfunctions and deterioration, operator errors and discharges, which may cause or lead to the release of wastes to the environment or a threat to human health. They shall conduct these visual inspections each day the facility is open to identify problems in time to correct them before they harm human health or the environment. At a minimum they shall keep a log or summary of the daily inspections which at least includes the date and time, the printed name and the handwritten signature of the inspector, a notation of observations made and the date and nature of any repairs or corrective action needed. Copies of inspection reports shall be kept at the facility for five (5) years, and shall be made available to the jurisdictional health department upon request.

Complete and more thorough visual inspections shall be conducted on a monthly basis by the Contractor/Subcontractor staff followed by an inspection with a County representative present if there are areas at the facility which need to be addressed or repaired. (See Appendix BB for a sample inspection form).

7.6 MODERATE RISK WASTE FACILITY INSPECTIONS

The County HHW Coordinator shall conduct an annual inspection of the Moderate Risk Waste facility located at the South County Transfer Station facility to determine the condition of storage containment pallets, bins, totes, etc. The County HHW Coordinator shall provide replacements, if deemed necessary.

The MRW ventilation system shall be inspected annually by the County HHW Coordinator to verify proper functioning. Any deficiencies are to be reported to an authorized service vendor.

The gas detection device used by the County HHW Coordinator to monitor flammable or explosive gas concentrations shall be inspected and calibrated/serviced annually by the manufacturer.
The MRW building also has a fire suppression system in the bulking and processing half of the building (east side) which is inspected and maintained on a semiannual basis by a qualified vendor designated by the County.

7.7 COUNTY TRANSFER STATION FACILITY INSPECTIONS

The County shall review the Contractor/Subcontractor daily visual inspection logs on a monthly basis and after any mitigative actions have been taken. Also, a County representative shall perform comprehensive Transfer Station inspections quarterly (See Appendix BB for a sample form). Inspection logs, with the completed checklists, shall be stored on-site for at least five (5) years from the date of inspection and shall be made available to the jurisdictional health department upon request.

7.8 AGENCY TRANSFER STATION FACILITY INSPECTIONS

Semiannual on-site facility inspections of the three County Transfer Stations are performed by a representative from the Northeast Tri-County Health District (NETCHD) office in Colville, Washington. Also, semi-annual on-site facility inspections of the three County Transfer Stations are performed by a representative from the Washington State Department of Ecology, Eastern Regional Office, in Spokane, Washington.

In addition, the two County landfills at the South and North facilities which were closed on April 9, 1994 are still being inspected on a semiannual basis by a representative from the NETCHD office in Colville, Washington until the post-closure monitoring ends; which will be when all Washington State Department of Ecology agency requirements are met for termination of post-closure activities at closed landfills.
SECTION 8: CONTINGENCY PLANS & EMERGENCIES

8.1 CONTINGENCY PLANS

Safety concerns at the three County Transfer Stations are addressed primarily through facility staff training. The implementation of safety practices, staff use of personal safety equipment, use of machinery safety equipment, and the continual update of an emergency response plan will work in conjunction with training programs to provide effective safety and emergency planning.

The County Solid Waste Division Fund shall strive to maintain a $50,000 reserve (about 5% of total revenue) to maintain sufficient cash funds on hand to handle emergencies or unforeseen events that may arise.

In the event that the Contractor/Subcontractor on-site staff does not report for their particular work day and time, the County expects the Contractor/Subcontractor to provide qualified substitute staff within an hour of the normal opening time to “cover” for the absent (or late) on-site staff at that facility location.

8.2 BACK-UP SYSTEMS

Several back-up systems are available should an unforeseen need develop. The particular available systems depend on what individual component is in need. Generally, alternate loading facilities are available at the South County facility by using the existing tipping floor for loading containers in the event that the container loading building is unavailable. Long haul trucking is available rather than the Yardley Intermodal railhead in Spokane. Also, the Waste to Energy Plant in Spokane or Finley Buttes Landfill is available should Roosevelt Regional Landfill not be able to accept waste. All of these particular alternate systems should be viewed as temporary and only be used in case of an emergency.

8.3 SAFETY PLAN & EMERGENCY CONTACTS

Safety and security are major objectives of any solid waste transfer station. The safety plan is intended to cover all on-site staff and all facilities. Safety should be a high priority in the planning, organization and completion of work.

The Contractor/Subcontractor develops policy and procedures, and it is the obligation of its entire facility staff to know and follow safety procedures. It is the Contractor/Subcontractor’s responsibility to train their staff in safe operation of facilities and equipment in addition to responding to safety concerns brought to their attention. On-site staff has the obligation of learning safe procedures, working safely and bringing safety concerns or issues to their immediate supervisor or a safety committee representative.

8.4 EMERGENCY RESPONSE PLAN

Knowledge and awareness of potential hazards will be useful in identifying the cause or the conditions of an emergency. For this reason, facility staff will be trained to respond to an
accident involving a container, fire, accidental injury or damage and life threatening occurrences.

As a part of the emergency response, safety equipment will be maintained in proper working order, stored in designated places, and initial emergency response plans will be developed and routinely reviewed by the facility staff. Also, a current emergency response directory, including telephone numbers of appropriate emergency units will be maintained. (See Appendix CC)

General emergency response plan guidelines are as follows:

- The person who first observes the incident assumes command until other authorities arrive on-site
- If an emergency has occurred, follow the steps in the contingency plan in this Section 8.4
- Call 911 for the proper authorities for fire or medical assistance

8.5 SPILLS & RELEASES

In the event of a spill on-site, the facility staff discovering the spill will immediately act to attempt to stop the flow of liquid from its original container. At the same time, any fire hazards, such as lit cigarettes, running engines, etc., will be carefully removed from the area in which the spill has occurred. Absorbent material or any other readily available apparatus will then be used to contain the spill in as small an area as possible. The staff discovering the spill will then implement the corrective action plan to remove the liquid. If a spill is a small amount, absorbent material should be used for the cleanup. If the spill generates a significant amount of standing liquid then an appropriate pumping unit will be employed to remove the liquid and it will be disposed of properly. The on-site staff will then fill out an incident report and contact the County representative. The County must contact Washington State Department of Ecology and file a report about any uncontained spill, occurring outside the facility buildings exceeding ten gallons.

In the event of a release of solid waste from a container or an incoming vehicle, the first priority of the facility staff is to get the waste off the ground and into a container. The staff will divert liquid flow in the immediate area from entering storm drains, drainage ditches and any other waterway; if necessary to accomplish this, the on-site staff will dam around the spill area with an absorbent material. The on-site staff will also keep unauthorized persons from entering the spill area until the spill can be cleaned up. After the solid waste has been cleaned up, the area will be policed in order to collect any waste that may have dispersed. The on-site staff will then fill out an incident report and contact the County representative. The County will contact NETCHD and file a report.

8.6 MEDICAL EMERGENCIES

Any injury or medical problem occurring at a County Transfer Station facility must be handled with care. Any on-site staff discovering a person with a medical problem requiring assistance will immediately assess the situation; if minor first aid is needed, the staff may render
appropriate first aid assistance. If the problem is serious, such as difficulty in breathing, loss of consciousness, profuse bleeding, etc., the on-site staff will also call 911 for local medical authorities. If the problem does not appear to be immediately life threatening, then the on-site staff will be responsible for determining if additional outside emergency assistance is necessary. The safety and emergency training for medical emergencies will be updated frequently and current response procedures will be posted throughout the facility.

General medical emergency guidelines are as follows:

- Call 911 for local medical emergency authorities
- Give your location, name and the condition and symptoms of the injured or ill person
- Direct vehicles in line to move in order to provide access for emergency vehicles to the injured or ill person
- Keep the injured or ill person as comfortable as possible until emergency authorities arrive
- Perform only the medical procedures for which you have been trained

8.7 FIRE & EXPLOSIONS

In the event a small fire is detected, the facility staff making the discovery will extinguish it. A small fire is one occupying an area smaller than a square yard and which does not appear to be able to spread beyond that size area. On-site staff will be trained in the proper type of fire fighting device to extinguish small fires (i.e. ABC, dry chemical handheld fire extinguisher, water, etc.). If smoke or flames are discovered coming from a load of material or in an area greater than a square yard in size or an explosion occurs, the on-site staff will do the following:

- Call 911 for the Fire Department as soon as possible. Stay on the phone until the operator is through asking questions or until emergency personnel arrive. Give the Fire Department at least the following information:
  - Your location and your name
  - Description of the problem in as much detail as you have
  - If there are injuries, explain what type and how many
- Clear the area of customers, onlookers and people in general
- Hold vehicles from entering the facility and instruct vehicles in line to move to allow emergency vehicles entrance to the area
- If there is clearly a safe and easy way to isolate the fire from other material, do so
- Meet the Fire Department. When they arrive at the facility, describe the incident as thoroughly as possible. Notify them of any injuries. At this point, the Fire Department assumes command for the incident.
• Stay near the incident command center and assist emergency response personnel as directed

• Complete an incident response form once the incident is over or it has been controlled

• Call the County representative when circumstances allow. Be sure to place call from a safe place. The County representative will contact NETCHD before the end of the business day.

8.8 UNUSUAL DEMANDS

The Contractor/Subcontractor’s team must be positioned to respond to unusual demands, including the ability to respond to extraordinary volume requirements resultant from natural disasters (such as floods); by mobilizing additional transfer vehicles and containers to the County to respond to such unusual demands in a matter of hours.
SECTION 9: CLOSURE PROCEDURES

9.1 SOLID WASTE FACILITY CLOSURE

As stated in the County's three solid waste facilities permits issued by NETCHD, the NETCHD shall be notified at least 180 (one hundred eighty) days prior to closure of the South, Central or North facilities, in order to allow for an on-site inspection to determine the adequacy of the proposed closure plan.

On the date of closure of any or all three locations, no further municipal solid waste or recyclables will be accepted at the closed County Transfer Station(s).

Within seven (7) days after operations of the facility cease, the County shall inform the NETCHD in writing as to the exact date operations were terminated.

Within 30 (thirty) days after operations of the facility closing, all municipal solid waste at the County Transfer Station(s) will be removed and taken to the final landfill disposal facility and all recyclables will be transported to the County designated recycling facility.

Ten (10) days prior to the final closure of the site, the NETCHD shall be notified to allow for a final on-site inspection by one of their representatives.

Closure of the disposal site shall be formally and finally completed within 180 days following that date on which normal day-to-day operations at the disposal site cease or as otherwise approved by the NETCHD.

Upon closure of any or all of the County Transfer Station facilities, all waste transfer containers and any other solid waste handling equipment will be removed from the premises.

9.2 MODERATE RISK WASTE FACILITY CLOSURE

The County shall notify NETCHD least 180 (one hundred eighty) days prior to closure of the Moderate Risk Waste (MRW) facility, in order to allow for an on-site inspection to determine the adequacy of the proposed closure plan.

On the date of closure of the MRW facility, no further household hazardous waste will be accepted at the closed MRW facility.

Within seven (7) days after the HHW program and operations of the MRW facility cease, the County shall inform the NETCHD in writing as to the exact date operations were terminated.

Within 30 (thirty) days after the closing of the Moderate Risk Waste facility, all HHW materials will be removed from the site and disposed of in the same manner as stated in Section 6 of this Plan. All equipment, tanks and storage totes and containment pallets will be removed. The MRW building and HHW area will be decontaminated and inspected. If needed, testing will be done to ensure no releases of HHW to the environment have occurred.
Once the closure of the MRW facility is complete, the County and a professional engineer licensed in the state of Washington will submit the following to NETCHD:

1) A certification of closure that the MRW facility has been properly closed; and

2) A closure report signed by the County and the certifying engineer. The closure report shall describe what actions were taken to determine if there has been a release to the environment from the MRW facility and the results of all inspections conducted as part of the closure procedure.

3) An MRW closure plan that includes a description of the activities and procedures that will be used to ensure compliance with NETCHD, an estimate of the maximum volume of MRW on-site at any time during the active life of the MRW facility and the MRW facility closure cost estimates.

In return, the NETCHD shall notify Pend Oreille County Solid Waste Division in writing of the date when they have verified that the MRW facility has been closed in accordance with the specification of the approved closure plan.
SECTION 10: MANAGEMENT OBJECTIVES

Solid Waste

The Solid Waste Division of the Public Works Department in Pend Oreille County, by following this Plan, shall continue to strive to provide convenient, economical and environmentally sound ways to sustain proper disposal of the County’s municipal solid waste for the present and future generations.

Recycling

The County shall continue to look for new recyclable markets in order to expand their recycling program. However, merely collecting piles of recyclables is of no use if markets are not able to use the material or if markets are too far away from the County collection facilities. To be a cost effective recycling program, the cost of transportation and loading recyclables cannot exceed what the market is willing to pay for the recyclable material.

Moderate Risk and Household Hazardous Wastes

The County Moderate Risk Waste building at the South County facility along with the household hazardous waste collection programs at each of the three County stations shall continue to be operated in a manner now and in the future to:

- Prevent spills and release of hazardous substances to the environment by continual use of primary and secondary containment on-site and during disposal transport
- Not pose a threat to human health or the environment
- Comply with all other applicable local, state and federal laws and regulations
- Prevent exposure to the public of harmful substances by monitoring, using containment bins and by isolation of the household hazardous waste processing operations

If lack of funding makes it impossible to continue the household hazardous waste ongoing collection programs in the County sometime in the future, alternative measures for managing household hazardous waste would be implemented (such as collection events or referrals to another county for collection of such wastes).
APPENDIX A

PEND OREILLE COUNTY
SOUTH FACILITY (DEER VALLEY TRANSFER STATION)

21 Landfill Road Newport, WA  Office:  509-447-3054

Open: 8:00 AM to 4:00 PM Thursday through Monday
CLOSED Tuesday and Wednesday

DISPOSAL RATES (not including 3.6% solid waste tax)

Acceptable Wastes: $100 per ton  Minimum charge is $6.27 for 120 pounds or less
Freon Charged Appliance: $25 each
Tires: 1 or 2 at regular garbage rates
Tires: 3 or more $20 each
Scrap Metals: No Charge  White Office Paper & Newspaper: No Charge
Brown Corrugated Cardboard: No Charge  Tin & Aluminum Cans: No Charge
Household Hazardous Waste: 5 gallons or less per visit: No Charge

EMERGENCY: CALL 911

QUESTIONS ??? Call 509-671-6147 or 447-4513 or 447-3054

Directions to South Facility: (see Figures 1-1, 1-2 and 1-3 for Vicinity Map and Aerial Views)

1. It is located about 5 miles west of Newport on Deer Valley Road
2. From Newport take Highway 2 West towards Spokane to Gray Rd (about mile marker 330)
3. Turn right or North onto Gray Rd. Follow it up to Deer Valley Road
4. Turn left or West onto Deer Valley Rd and go about 1,000 feet to the next driveway on the left
5. Turn left at the chain link entrance gate into the South County (Deer Valley) Transfer Station

OR

1. From Spokane or Diamond Lake area continue East on Highway 2 towards Newport
2. Turn left or North onto Coyote Trail (at about mile marker 328)
3. Go North on Coyote Trail for about 1.5 miles (cross Southshore Diamond Lake Rd) to Deer Valley Road
4. Turn right or East onto Deer Valley Rd for about 1.5 miles
5. Turn right at the chain link entrance gate into the South County (Deer Valley) Transfer Station
Figure 1-1: South County (Deer Valley) Transfer Station - Vicinity Map
Figure 1-2: South County (Deer Valley) Transfer Station
### APPENDIX B

#### 2010 & 2011 WASTE VOLUMES RECEIVED

<table>
<thead>
<tr>
<th>SOLID WASTE</th>
<th>2010 (Volume(tons))</th>
<th>2011 (Volume(tons))</th>
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</thead>
<tbody>
<tr>
<td>South County (self-haul)</td>
<td>2,386.83</td>
<td>2,213.45</td>
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<tr>
<td>Excess Disposal</td>
<td>3,794.62</td>
<td>3,475.30</td>
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<tr>
<td>B &amp; N Disposal</td>
<td>488.45</td>
<td>513.18</td>
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<tr>
<td>Central (Usk) (self-haul)</td>
<td>260.39 =21 ton/mo</td>
<td>297.52 =25 tons/mo</td>
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<tr>
<td>North (Ione) (self-haul)</td>
<td>712.53 =59 ton/mo</td>
<td>749.42 =62 tons/mo</td>
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<td>No charge loads</td>
<td>6.12</td>
<td>5.72</td>
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<tr>
<td><strong>Total Tons Received</strong></td>
<td>7,648.94 or 637 tons/mo</td>
<td>7,254.59 or 605 tons/mo</td>
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<tr>
<td>Metal</td>
<td>294.99</td>
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<tr>
<td>Cardboard</td>
<td>116.62</td>
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<tr>
<td>Newspaper</td>
<td>87.78</td>
<td>85.79</td>
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<tr>
<td>Glass (stopped in Oct 2010)</td>
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<tr>
<td>E-Cycle</td>
<td>18.99</td>
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<td>Auto Batteries</td>
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<td>Latex Paint</td>
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<td>Aluminum Cans</td>
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<tr>
<td>Inkjet &amp; Laser Cartridges</td>
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<td>0.03</td>
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<tr>
<td><strong>Total Tons Received</strong></td>
<td>586.04 or 49 tons/mo</td>
<td>492.32 or 41 tons/mo</td>
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<th>HAZARDOUS WASTE VOLUMES</th>
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<th>2011 (Volume(tons))</th>
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<tr>
<td>Motor Oil</td>
<td>12.04</td>
<td>11.38</td>
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<tr>
<td>Oil-Based</td>
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<td>Gasoline</td>
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<td>.06</td>
</tr>
<tr>
<td>Rechargeable Batteries</td>
<td>.23</td>
<td>.14</td>
</tr>
<tr>
<td>Oil Filters</td>
<td>.04</td>
<td>.20</td>
</tr>
<tr>
<td>Acids &amp; Bases</td>
<td>.02</td>
<td>.05</td>
</tr>
<tr>
<td><strong>Total Tons Received</strong></td>
<td>19.84 or 1.5 tons/mo</td>
<td>15.91 or 1.3 tons/mo</td>
</tr>
</tbody>
</table>
APPENDIX C
PEND OREILLE COUNTY

CENTRAL FACILITY (USK DROP BOX STATION)

661 Jared Road Usk, WA  Office: 509-445-0222
Open: 8:00 AM to 4:00 PM
Wednesday & Saturday, only

DISPOSAL RATES (not including 3.6% solid waste tax)

Acceptable Wastes: $15.00 per cubic yard    Minimum charge is $6.27 for 3 cans or less

Freon Charged Appliance: $25 each

Tires: 1 or 2 are at regular garbage rates

Tires: 3 or more $20 each

Scrap Metals: No Charge

White Office Paper & Newspaper: No Charge

Brown Corrugated Cardboard: No Charge

Tin & Aluminum Cans: No Charge

Household Hazardous Waste: 5 gallons or less per visit: No Charge

EMERGENCY: Call 911

QUESTIONS ??? Call 509-671-6147 or 447-4513 or 445-0222

Directions to Central Facility: (see Figure 1-4 and 1-5 for Vicinity Map and Aerial View)

1.   It is located about 1.5 miles South of the Highway 211 & Highway 20 intersection
2.   Take Highway 211 North to Jared Rd (about mile marker 13)
3.   Turn left or West onto Jared Rd and go past the County Road Shop and turn right at the entrance gate into the Central facility (Usk Drop Box Station)
   OR
1.   From Newport take Highway 20 north to Jared Rd (just before Ponderay Newsprint)
2.   Turn left or West onto Jared Rd.  Follow Jared Rd and cross Highway 211.
3.   Continue on Jared Rd and go past the County Road Shop and turn right at the entrance gate into the Central facility (Usk Drop Box Station)
## APPENDIX D

### CENTRAL (USK) FACILITY YARDAGE RATES BY VOLUME

#### 2011 CENTRAL (USK) RATES BY VOLUME

<table>
<thead>
<tr>
<th>30-33 gallon size CANS</th>
<th>PRICE ($)</th>
<th>SW TAX @ .036</th>
<th>TOTAL ($)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2 or 3 cans</td>
<td>6.27</td>
<td>0.23</td>
<td>6.50</td>
<td>= MINIMUM CHARGE</td>
</tr>
<tr>
<td>4 cans</td>
<td>8.50</td>
<td>0.31</td>
<td>8.81</td>
<td></td>
</tr>
<tr>
<td>5 cans</td>
<td>11.00</td>
<td>0.40</td>
<td>11.40</td>
<td>Formulas based on 1 cubic yard for a small size TRUCK bed</td>
</tr>
<tr>
<td>6 cans</td>
<td>15.00</td>
<td>0.54</td>
<td>15.54</td>
<td></td>
</tr>
<tr>
<td>7 cans</td>
<td>17.50</td>
<td>0.63</td>
<td>18.13</td>
<td></td>
</tr>
<tr>
<td>8 cans</td>
<td>20.00</td>
<td>0.72</td>
<td>20.72</td>
<td></td>
</tr>
<tr>
<td>9 cans</td>
<td>22.50</td>
<td>0.81</td>
<td>23.31</td>
<td></td>
</tr>
<tr>
<td>10 cans</td>
<td>25.00</td>
<td>0.90</td>
<td>25.90</td>
<td></td>
</tr>
<tr>
<td>11 cans</td>
<td>27.50</td>
<td>0.99</td>
<td>28.49</td>
<td></td>
</tr>
<tr>
<td>12 cans</td>
<td>30.00</td>
<td>1.08</td>
<td>31.08</td>
<td></td>
</tr>
</tbody>
</table>

### Cubic Yardage

| 0.5 cu yd              | 7.50      | 0.27          | 7.77      |      |
| 1 cu yd                | 15.00     | 0.54          | 15.54     | 1 Full size TRUCK bed=2 cubic yards |
| 1.5 cu yd              | 22.50     | 0.81          | 23.31     |      |
| 2 cu yd                | 30.00     | 1.08          | 31.08     |      |
| 2.5 cu yd              | 37.50     | 1.35          | 38.85     | A double box spring & mattress = 1 cubic yd |
| 3 cu yd                | 45.00     | 1.62          | 46.62     |      |
| 3.5 cu yd              | 52.50     | 1.89          | 54.39     |      |
| 4 cu yd                | 60.00     | 2.16          | 62.16     | Sofa = 1 cubic yd |
| 4.5 cu yd              | 67.50     | 2.43          | 69.93     |      |
| 5 cu yd                | 75.00     | 2.70          | 77.70     | A recliner & stuffed |
| 6 cu yd                | 90.00     | 3.24          | 93.24     | Chair = 1 cubic yd |
| 7 cu yd                | 105.00    | 3.78          | 108.78    |      |

**Fridges, A/C, Freezers (Freon items):** $25 +$.90 TAX= $25.90 EACH

**TIRES:** 1 or 2 @ regular yardage rates; 3 or more $20 each + tax

### APPROXIMATE YARDAGE CALCULATIONS:

1 cubic yard = 27 cubic feet
1 cu yd is about 3 55 gal drums
1 cu yd is about 6 32 gal cans
1 cu yd is about 6 large, black plastic bags (32 gal.)
1 cu yd is about 12 tall white kitchen garbage bags

As of 11/3/11

**Minimum charge is:** $6.27 +.23 tax = $6.50 TOTAL
APPENDIX E
PEND OREILLE COUNTY
NORTH FACILITY (IONE DROP BOX STATION)
1712 Sullivan Lake Road Ione, WA   Office: 509-442-3051
Open: 8:00 AM to 4:00 PM
Wednesday & Saturday, only

DISPOSAL RATES (not including 3.6% solid waste tax)
Acceptable Waste: $100 per Ton      Minimum charge is $6.27 for 120 pounds or less
Freon Charged Appliance: $25 each
Tires: 1 or 2 are at regular garbage rates
Tires: 3 or more: $20 each
Scrap Metal: No Charge
Office White Paper & Newspaper: No Charge
Brown Corrugated Cardboard: No Charge
Tin & Aluminum Cans: No Charge
Household Hazardous Waste: 5 gallons or less per visit: No Charge
No Hazardous Waste from Businesses! No Dangerous Waste Accepted from Anyone!

EMERGENCY: Call 911
QUESTIONS ??? Call 509-671-6147 or 509-447-4513 or 442-3051

Directions to North Facility: (see Figure 1-6 and 1-7 for Vicinity Map and Aerial View)

1. It is located near the orange Ione bridge
2. Take Highway 31 to the Sullivan Lake Rd turnoff (which is about 3 miles north of Tiger)
3. Drive across the Pend Oreille River on the Ione bridge
4. At the end of the bridge, veer left up Sullivan Lake Rd and continue up the hill about 1.5 miles
5. Look for the green Solid Waste Station sign on the right
6. Turn right at the entrance gate and follow the road around to the scale house
APPENDIX F

RESOLUTION NO. 2010-34
SOLID WASTE DISPOSAL RATES

WHEREAS, it is necessary to adjust the rates at the Pend Oreille County Solid Waste Transfer Facilities to meet administrative, maintenance and operational costs; provide capital for waste transport and disposal; provide for landfill closure costs; and provide recycling and household hazardous waste management and disposal; and

WHEREAS, disposal rates have not been adjusted since March 1st, 2006.

NOW THEREFORE BE IT RESOLVED, that the following rates are adopted as Pend Oreille County’s Solid Waste Disposal Rates, effective January 1st, 2011.

BE IT FURTHER RESOLVED, that the applicable Washington State solid waste tax (presently at 3.6%) shall be added to the following rates:

<table>
<thead>
<tr>
<th>Transfer Station</th>
<th>Solid Waste</th>
<th>Minimum Charge (for 120 pounds or less)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUTH COUNTY TRANSFER STATION</td>
<td>$100 per ton plus 3.6% tax</td>
<td>$6.27 + $.23 tax = $6.50</td>
</tr>
<tr>
<td>USK STATION</td>
<td>$15 per CUBIC YARD plus tax</td>
<td>$6.27 + $.23 tax = $6.50</td>
</tr>
<tr>
<td>NORTH COUNTY TRANSFER STATION</td>
<td>$100 per ton plus 3.6% tax</td>
<td>$6.27 + $.23 tax = $6.50</td>
</tr>
</tbody>
</table>

ALL 3 TRANSFER STATIONS
- Tires: 1 or 2
  Normal garbage tonnage rate
- Tires: 3 or more
  $20.00 EACH plus tax
- Freon Charged Appliances
  $25.00 each plus 3.6% tax

Recycling Drop Off:
- Scrap metal, paper, corrugated cardboard, aluminum cans, glass bottles and jars
  No Charge

  E-cycle: (computers, monitors, laptops, TV’s)
  No Charge but drop off is only at the South County Station on Deer Valley

| Household Hazardous Waste Drop Off | Maximum - 5 gallons per day (no business wastes) | No Charge |

Adopted this 30th day of AUGUST 2010.
Board of County Commissioners
Pend Oreille County, Washington

Diane Wear, Chair; Laura Merrill, Member; John Hankey, Member

Chris Mylar, Clerk of Board
APPENDIX G

RESOLUTION NO. 2011-46
SOLID WASTE DISPOSAL RATES

WHEREAS, it is necessary to adjust the rates at the Pend Oreille County Solid Waste Transfer Facilities to meet administrative, maintenance and operational costs; provide capital for waste transport and disposal; provide for landfill closure costs; and provide recycling and household hazardous waste management and disposal; and

WHEREAS, Solid Waste disposal rates were adjusted on January 1st, 2011.

NOW THEREFORE BE IT RESOLVED, that the January 1, 2011 rates adopted as Pend Oreille County’s Solid Waste Disposal Rates and listed below have not changed from Resolution No. 2010-34. The Recycling Drop Off section below was revised to reflect the changes; glass bottles and jars were removed as the County no longer accepts glass as a recyclable commodity effective October 20, 2010. Used auto batteries were added to the list of recyclables.

BE IT FURTHER RESOLVED, that the applicable Washington State solid waste tax (presently at 3.6%) shall be added to the following rates:

<table>
<thead>
<tr>
<th>SOUTH COUNTY TRANSFER STATION</th>
<th>RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Waste</td>
<td>$100 per ton plus 3.6% tax</td>
</tr>
<tr>
<td>Minimum Charge (for 120 pounds or less)</td>
<td>$6.27 + $3.3 tax = $9.57</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USK STATION</th>
<th>RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Waste</td>
<td>$15 per CUBIC YARD plus tax</td>
</tr>
<tr>
<td>Minimum Charge (for 1, 2 or 3 cans)</td>
<td>$6.27 + $3.3 tax = $9.57</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NORTH COUNTY TRANSFER STATION</th>
<th>RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Waste</td>
<td>$100 per ton plus 3.6% tax</td>
</tr>
<tr>
<td>Minimum Charge (for 120 pounds or less)</td>
<td>$6.27 + $3.3 tax = $9.57</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ALL 3 TRANSFER STATIONS</th>
<th>RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tires: 1 or 2</td>
<td>Normal trash tonnage rate</td>
</tr>
<tr>
<td>Tires: 3 or more</td>
<td>$20.00 EACH plus tax</td>
</tr>
<tr>
<td>Freon Charged Appliances</td>
<td>$25.00 each plus 3.6% tax</td>
</tr>
</tbody>
</table>

Recycling Drop Off:
- Scrap metal, mixed paper, corrugated cardboard, aluminum drink cans and used auto batteries: No Charge
- E-cycle: (computers, monitors, laptops, TV’s): No Charge
- Household Hazardous Waste Drop Off:
  - Maximum - 5 gallons per day (no business waste): No Charge

Adopted this ___ day of ___,

Board of County Commissioners
Pend Oreille County, Washington

John Hankey, Chair
Laura Merrill, Vice Chair
Diane Wear, Member

ATTEST:
Chris Myler, Clerk of the Board

Date 3/1/2011
APPENDIX H
PEND OREILLE COUNTY
Subcontractor Contact Information

Sunshine Disposal & Recycling, Subcontractor:

Sunshine Disposal & Recycling
Dustin Bender, General Manager, Spokane area
11320 W. McFarlane Road
Airway Heights, WA  99001
Cell:  509-995-8238
Office:  509-252-9060 ext 201
Fax:  509-252-9066
APPENDIX I

UNSECURED OR UNCOVERED LOAD FINE

Driving with an unsecured load is a crime.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

Secure every load to avoid fines and potential liability.

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.

Want to litter? Fine.

PEND OREILLE COUNTY
Unsecured Load $124

WSP

Litter and it will hurt.
APPENDIX J

UNSECURED OR UNCOVERED LOADS - MARIA'S STORY

MARIA'S STORY

Just before midnight on Sunday, Feb. 22, 2004, Maria Federici was driving home from work.

She was in the southbound lanes of I-405 at Renton near Northeast 30th, when an entertainment center fell from the back of a trailer in front of her. A 2- by 6-foot piece of particle board flew through her windshield, hitting her in the face.

The other driver did not stop.

She was critically injured and taken to Harborview Medical Center in Seattle. Doctors told her mother her injuries were so severe that her survival was hopeless.

Miraculously, she survived. However, Maria has permanently lost her eyesight and has had to endure a complete facial reconstruction, multiple surgeries, and hours upon hours of grueling physical therapy.

If you don't think litter can hurt, just ask Maria.

Please secure your load!

For more information on Maria, you can visit her website at http://www.mariasmiracle.com

Q: HOW LONG DOES IT TAKE TO SECURE YOUR LOAD?

Litter and it will hurt.

For More Information visit www.ecy.wa.gov/programs/waste/litter

NOTICE: This document is intended for information purposes only. Nothing in this document constitutes professional advice, nor does any information in this document constitute a comprehensive or complete statement of the issues discussed or the laws relating thereto. The Department of Ecology will not be liable for any loss or damages, including loss or damages resulting from implementation of methods or procedures described in this document.
APPENDIX J (continued)

UNSECURED OR UNCOVERED LOADS

HOW CAN YOU SECURE YOUR LOAD?

- Tips for securing loads:
  - When unloading any vehicle or trailer, take a few minutes to secure the load.
  - Tie down with rope, bungee cords, netting, or straps. Be sure they are tied directly to your vehicle.
  - Consider covering the load with a sturdy plastic or canvas tarp or a net.
  - Lighter goes lower. Fill lighter-weight items at the bottom of the load.
  - Don't overload. Keep material even with truck bed rail or trailer unless box is half full, netted, or tied.
  - Always double-check your load.

HOW CAN YOU SECURE YOUR LOAD?

- Become familiar with local laws. Some communities have ordinances that require loads to be covered or just secured.

WHY SHOULD YOU SECURE YOUR LOAD?

1. **IT SAVES LIVES**
   - Stories like Maria's are all too common. Across North America, road litter, either dumped on purpose by motorists or accidental fall-outs from unsecured loads, causes 25,000 accidents every year, nearly 1000 of them fatal. Road litter poses a serious hazard here in Washington too. On average, there are 350 accidents involving road debris on state highways each year. (Source: Washington State Department of Transportation)

2. **IT'S THE LAW**
   - No vehicle shall be driven or moved on any public highway unless such vehicle is... loaded as to prevent any of its load from dropping, shifting, leaking, or otherwise escaping. (Source: RCW 46.61.655) State law specifically refers to "secured" loads. Please be aware that your community may have a local ordinance that goes beyond the state law and requires loads to be covered. Please check with local authorities to be sure you are in compliance.

3. **IT COSTS MONEY**
   - The fine for transporting an unsecured load is currently $194. If an item falls out of or off of your vehicle and causes bodily injury, you will be charged with a gross misdemeanor, which carries a penalty up to $5,000 and may include jail time. If the item causes property damage, you will be facing a misdemeanor. The fine for littering something as small as a piece of paper is $103 and can go up to $5,000 for bigger items such as a mattress or other piece of furniture. Covering or securing your load will keep money in your pocket.

4. **IT PREVENTS LITTER**
   - No person shall throw, drop, deposit, discard, or otherwise dispose of litter upon any public property in the state... whether from a vehicle or otherwise. (Source: RCW 70.73.060[1])
   - 34% of the litter-related violations issued by Washington State Patrol in 2003 were for a failure to secure a load and an additional 22% were issued for debris escaping from those loads. It is estimated that unsecured loads cause up to 25% of roadside litter. (Source: www.ci.seattle.wa.us)
APPENDIX K

Pend Oreille County Hazardous Waste Referrals


2. Ferrell Gas (for old valve LPG tanks) Spokane, Washington 1-800-851-4809

3. Graham Road Facility (for asbestos, oiled soil, creosote soaked railroad ties, stumps) Medical Lake, Washington 1-509-244-0151

4. Grease from Restaurants, call:
   - Grease Spot in Coeur d'Alene, Idaho 1-208-664-2438
   - Green Zone in Spokane, Washington 1-509-927-4548
   - Standard Biodiesel in Coeur d'Alene, Idaho 1-800-447-3794
   - Sunshine Disposal in Spokane Valley, Washington 1-509-924-5678

5. OXARC (for old valve LPG tanks) in Colville, Washington 1-509-684-3776

6. PSC Environmental (for Business hazardous wastes) Spokane Valley, WA 1-509-922-6417

7. Safety Kleen (for Business hazardous wastes) Spokane, WA 1-800-669-5902

8. County HHW Coordinator, cell: 1-509-671-6147
APPENDIX L

CRITICALLY UNSTABLE CHEMICALS

Diethyl ether
Divinyl acetylene
Ether
Isopropyl ether
Picric acid (used by some fly fishermen)
Potassium metal
Sodium amide
Vinylidene chloride
APPENDIX M

SCALE TICKET SAMPLES

Pend Oreille County Public Works
Solid Waste Division
(509) 447-4821 - Office

NAME: ____________________________

ADDRESS: _________________________

STATE: ___________________ ZIP: ______

ACCOUNT NO.: ______________

VEHICLE ID: ______________

COMMODITY: _______________________

FEE: ____________________________

TAX: _____________________________

AMOUNT DUE: ____________________

CHANGE: [ ] CASH: [ ]

DRIVER: __________________________

ATTENDANT: ______________________

---

Pend Oreille County Public Works
Solid Waste Division
(509) 447-4821 - Office

NAME: ____________________________

ADDRESS: _________________________

STATE: ___________________ ZIP: ______

ACCOUNT NO.: ___________________

VEHICLE ID: White Nissan ST

COMMODITY: _______________________

FEE: ____________________________

TAX: _____________________________

AMOUNT DUE: ____________________

CHECK: [ ] CASH: [ ]

DRIVER: __________________________

ATTENDANT: ______________________

---
## APPENDIX N

**GARBAGE LOADS HAULED TO SPOKANE RAILHEAD BY SUNSHINE DISPOSAL FOR PEND OREILLE COUNTY**

<table>
<thead>
<tr>
<th>CONTAINER #</th>
<th>LOAD MO &amp; DAY</th>
<th>TICKET #</th>
<th>GROSS WT</th>
<th>TARE WT</th>
<th>NET WT in LBS.</th>
<th>SHIP MO. &amp; DAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>22</td>
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</tbody>
</table>
APPENDIX O

SUNSHINE DISPOSAL GARBAGE TRIPS FROM . . . TO SOUTH FACILITY (DEER VALLEY TRANSFER STATION)  

<table>
<thead>
<tr>
<th>DAY</th>
<th>FROM IONE TICKET #</th>
<th>IONE NET WT in POUNDS</th>
<th>FROM USK TICKET #</th>
<th>USK NET WT in POUNDS</th>
</tr>
</thead>
<tbody>
<tr>
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FOR OFFICE USE ONLY:  
# TRIPS ___ NOC WT _____  DATE___________  # TRIPS ____USK WT _____
**APPENDIX P**

**SUNSHINE DISPOSAL RECYCLE TRIPS FOR PEND OREILLE COUNTY**

(SHORT HAUL MILEAGE TO DELIVER RECYCLABLES)

<table>
<thead>
<tr>
<th>DATE</th>
<th>DESTINATION</th>
<th>RECYCLED MATERIAL (circle one or describe)</th>
<th>WEIGHT IN LBS.</th>
<th>FROM LOCATION (circle one)</th>
<th>TOTAL TRIP MILES</th>
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**ROUND TRIP MILEAGE CHART:**

- D.V. PAPER TO PONDERAY NEWSPRINT 42 MILES
- USK PAPER TO PONDERAY NEWSPRINT 4 MILES
- IONE PAPER TO PONDERAY NEWSPRINT 80 MILES
- USK CARDBD TO D.V. BLDG 36 MILES
- IONE CARDBD TO D.V. BLDG 127 MILES

TOTAL MILES FOR ___

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Pend Oreille County  Solid Waste Transfer Station Operations Plan  2012  Page 67
# APPENDIX Q

**SUNSHINE DISPOSAL MONTHLY TALLY OF SOLID WASTE CASH DEPOSITS FOR PEND OREILLE COUNTY**

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<th>DATE</th>
<th>D.V. CASH</th>
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**D.V. TOTAL** | **USK TOTAL** | **IONE TOTAL**
APPENDIX R

PEND OREILLE COUNTY

Household Hazardous Waste Collection Report

from: USK (Central) OR circle one IONE (North)

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<th>DATE &amp; DAY</th>
<th>USED MOTOR OIL JUGS</th>
<th>ANTIFREEZE CONTAINERS</th>
<th># AUTO BATTERIES</th>
<th># FREON BASED APPLIANCES</th>
<th>QUANTITY OF RECYCLABLE PAINT</th>
<th>OTHER: SPECIFY</th>
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APPENDIX S

DEER VALLEY TRANSFER STATION RULES

1. Dump waste on the tipping FLOOR behind your own vehicle; DO NOT THROW it!

2. Recyclables & Household Hazardous Wastes MUST be brought to designated area bins/containers. Questions???? Ask.

3. Keep tools, removable tailgates, sideboards, tarps & ladders in or on vehicle while unloading to prevent damage to others

4. NO SMOKING in or around tipping floor

5. NO SCAVENGING or RUMMAGING by the public

6. Children & Pets must STAY in vehicle

IONE & USK TRANSFER STATION RULES

1. Dump waste into designated garbage containers

2. Recyclables & Household Hazardous Wastes MUST be brought to designated area bins/containers. Questions???? Ask.

3. Keep tools, removable tailgates, sideboards, tarps & ladders in or on vehicle while unloading to prevent damage to others

4. NO SMOKING in or around drop box area

5. NO SCAVENGING or RUMMAGING by the public

6. Children & Pets must STAY in vehicle
APPENDIX T

“How To” Customer Directions for Transfer Stations

How to Accept Used Paint:

1. Is it 5 gallons or less with the original label on it?
2. Is it LATEX (water based) or oil based paint?
3. If it is OIL BASED paint, we will accept it even if it is in a rusty, old, or dirty looking can. We will also take labeled stains, solvents and thinners. If needed, put it in a ZIPLOCK plastic bag or plastic pail & put it on (do NOT pour in) the containment pallet where paint goes.
4. If it is LATEX (water based) paint, ask and look to see if it is reusable? Meaning—is it in good enough condition that you would use it?
5. If “Yes, it is reusable paint”, have customer put it on (do NOT pour in) the containment pallet where the paint cans go.
6. If it is NOT reusable LATEX (water based) paint, customer can toss it in with their normal garbage even if there is a small amount of liquid paint in the can. Otherwise, give the customer a flyer which describes, on the back page, how to dry out LATEX paint at home (or solidify it by adding sawdust, cat litter, etc.) Dry or hard LATEX paint cans are garbage.
7. NO Paint cans go into metal recycle bin.

How to Accept Used Antifreeze:

1. Is it 5 gallons or less?
2. Is it clean and uncontaminated?
3. Is the container labeled or marked “antifreeze” and capped so won’t spill?
4. If yes, customer can put container on (do NOT pour in) containment pallet where antifreeze goes

How to Accept Used Motor Oil:

1. Is it 5 gallons or less?
2. Is it clean and uncontaminated?
3. Is the container labeled or marked “motor oil” and capped so won’t spill out?
4. Have customer put container on (do NOT pour in) containment pallet
5. At Deer Valley, customer can take an empty oil container from marked bin to use next time

What Batteries Do We Recycle?

1. We recycle used automobile, ATV, farm tractor, etc. lead acid batteries. Place in containment bin provided.
2. We recycle rechargeable batteries from razors, tools, flashlights, phones, etc.
3. We recycle RECHARGEABLE type AAA, AA, C, or D batteries.
4. Alkaline AAA, AA, C or D batteries that are NOT rechargeable are just garbage!
APPENDIX T (continued)

“HOW TO” CUSTOMER DIRECTIONS for TRANSFER STATIONS

WHAT IS E-CYCLE: E-CYCLE is a free Washington program to recycle some electronic equipment

| E-CYCLE ACCEPTED |
|-------------------|-----------------|
| 1. Computers      | E-cycle NOT accepted:  |
| 2. CPU & towers   |  mouse         |
| 3. Laptops        |  keyboard      |
| 4. Monitors       |  printer       |
| 5. Televisions    |  copier, scanner, fax |
| 6. E-readers      |  no broken glass items |

RUMMAGING OR SALVAGING:

1. Do NOT let customers salvage or rummage on the tipping floor or in the recycle or garbage bins

2. Transfer Station attendants will monitor drop-off recycle containers and screen the recyclables and remove non-recyclable items from the bins

3. Transfer Station attendants should make every attempt to PULL recyclables (metal, cardboard, aluminum) out of the garbage deposited and put it in the recycle bins

LPG TANKS:

1. The County and metal recycler DO NOT accept LPG tanks at any of the Transfer Stations

2. Customers with empty LPG tanks with new valves should exchange them at numerous retail outlets

3. LPG tanks with the old style valves (which are not legal to be refilled) must be taken to a propane gas dealer who may be able to change out the old valve, usually for a few

QUESTIONS?:

• Call Harley Seger, County Recycling/HHW Coordinator on his cell 509-671-6147

• Call Beth Gillespie, County Solid Waste Coordinator 509-447-6458; cell 509-939-5865

• Call Samuel Castro, County Public Works Director – office 509-447-4513
APPENDIX U

E-CYCLE WASHINGTON BROCHURE

WHAT IS E-CYCLE WASHINGTON?

E-Cycle Washington is a program that provides responsible recycling of computers, monitors, and TVs in our state. Starting January 2009, electronics manufacturers in Washington are taking responsibility for the cost of recycling these products. For consumers, small businesses, school districts, small governments, special purpose districts, and charities, recycling is provided free of charge at authorized collection points.

E-Cycle Washington thanks electronics manufacturers for sponsoring this innovative program to responsibly and safely recycle electronics in our state.

The Washington Materials Management & Financing Authority (WMMFA) is the manufacturer-funded group leading this effort. WMMFA has contracted with collectors around the state, making recycling convenient and easy. You can also be assured that items taken to authorized collectors are handled safely and responsibly according to preferred management standards set by WMMFA and the State Department of Ecology.

E-Cycle Washington
ecyclewashington.org

E-Cycle Washington is a program that provides free recycling of computers, monitors, laptops and TVs.
APPENDIX U (continued)

E-CYCLE WASHINGTON BROCHURE

WHY E-CYCLE!

Recycle: It is estimated that millions of pounds of unwanted electronics are thrown in the trash in Washington each year. Electronics can contain toxic materials such as lead, cadmium, mercury and hazardous chemicals that can harm human health and the environment. E-cycling keeps these and other materials out of our landfills and incinerators and conserves natural resources and energy required to make products from scratch.

Re-Use: Many materials in these products can be re-used in new products if handled properly, conserving the resources and energy needed to recycle and reprocess existing units as well as reducing the need to manufacture virgin parts. Some unwanted electronics still work, and can be made available secondhand to people and organizations who may not be able to afford to buy new equipment.

E-cycling helps us all take responsibility for the products we make, buy and use from the beginning to the end of their useful lives.

WHAT HAPPENS TO MY STUFF!

E-Cycle Washington processors are held to high standards and must comply with the State’s "Preferred Processing Standards." For details, go to www.ecyclewashington.org. If the product you drop off still works, it may be reused through resale or donation.

DATA SECURITY

WMNFA is not responsible for the release of confidential data contained within collected electronic devices. Software programs are available to permanently destruct data. Simply formatting your drive or deleting files does NOT provide secure and complete data destruction. For more information on data security, go to www.ecyclewashington.org and click on Frequently Asked Questions.

FOR MORE INFORMATION

To find out more about E-Cycle Washington, data destruction, drop-off locations and how to dispose of items not covered by the program, please visit:

www.ecyclewashington.org
# APPENDIX W

## FLAMMABLE HHW

<table>
<thead>
<tr>
<th>Acetone</th>
<th>Hexane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air fresheners*</td>
<td>Isopropyl alcohol</td>
</tr>
<tr>
<td>Alcohols</td>
<td>Kerosene</td>
</tr>
<tr>
<td>Barbecue lighter fluids</td>
<td>Lighter fluid</td>
</tr>
<tr>
<td>Benzene</td>
<td>Linseed oil</td>
</tr>
<tr>
<td>Brake fluid</td>
<td>Methanol</td>
</tr>
<tr>
<td>Charcoal fluid</td>
<td>Methyl ethyl ketone</td>
</tr>
<tr>
<td>Cutting oil</td>
<td>Mineral spirits</td>
</tr>
<tr>
<td>Cyclohexane</td>
<td>Naphtha</td>
</tr>
<tr>
<td>Ethanol</td>
<td>Naphthalene</td>
</tr>
<tr>
<td>Fiberglass resins</td>
<td>Neats foot oil</td>
</tr>
<tr>
<td>Freon</td>
<td>Oil-based paint</td>
</tr>
<tr>
<td>Formalin</td>
<td>Oil mist</td>
</tr>
<tr>
<td>Gasoline</td>
<td>Oils</td>
</tr>
<tr>
<td>Organic solvents</td>
<td></td>
</tr>
<tr>
<td>Paint strippers*</td>
<td>Stove oil</td>
</tr>
<tr>
<td>Paint thinners*</td>
<td>Styrene</td>
</tr>
<tr>
<td>Paraffin oil</td>
<td>Thinner</td>
</tr>
<tr>
<td>Perfume</td>
<td>Tire black</td>
</tr>
<tr>
<td>Petroleum distillates</td>
<td>Toluene</td>
</tr>
<tr>
<td>Phenol</td>
<td>Transmission fluid</td>
</tr>
<tr>
<td>Power steering fluid</td>
<td>Turpentine</td>
</tr>
<tr>
<td>Primers</td>
<td>Varnish</td>
</tr>
<tr>
<td>Rug/Upholstery cleaners*</td>
<td>Vinyl toluene</td>
</tr>
<tr>
<td>Shellac thinner</td>
<td>WD-40</td>
</tr>
<tr>
<td>Spot remover</td>
<td>White gas</td>
</tr>
<tr>
<td></td>
<td>Xylol/xylene</td>
</tr>
</tbody>
</table>

*Check ingredients to be sure*
## APPENDIX X

### PESTICIDE & POISON HHW

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Hazardous Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,4-D</td>
<td>Lead compounds</td>
</tr>
<tr>
<td>2,4,5-T</td>
<td>Lindane</td>
</tr>
<tr>
<td>Ant &amp; roach killer</td>
<td>Malathion</td>
</tr>
<tr>
<td>Arsenic</td>
<td>Mercury</td>
</tr>
<tr>
<td>Baygon</td>
<td>Mercury compounds</td>
</tr>
<tr>
<td>Black flag</td>
<td>Mole killer*</td>
</tr>
<tr>
<td>Black leaf</td>
<td>OFF insect spray/lotion</td>
</tr>
<tr>
<td>Bordeaux mix</td>
<td>Ortho Triox liquid vegetation killer</td>
</tr>
<tr>
<td>Cadmium</td>
<td>Potassium cyanide</td>
</tr>
<tr>
<td>Chlordane</td>
<td>Pyrethrins</td>
</tr>
<tr>
<td>Chloroform</td>
<td>Raid</td>
</tr>
<tr>
<td>Chromium</td>
<td>Rose dust</td>
</tr>
<tr>
<td>Copper sulfate</td>
<td>Round-up</td>
</tr>
<tr>
<td>Creosote</td>
<td>Sevin</td>
</tr>
<tr>
<td>Cyanides</td>
<td>Silvex</td>
</tr>
<tr>
<td>DDT</td>
<td>Snail(slug killer)</td>
</tr>
<tr>
<td>Diazinon</td>
<td>Sodium cyanide</td>
</tr>
<tr>
<td>Dichloromethane</td>
<td>Sodium dichromate</td>
</tr>
<tr>
<td>Dimethylamine salts</td>
<td>Strychnine</td>
</tr>
<tr>
<td>Disinfectants*</td>
<td>Sulfides</td>
</tr>
<tr>
<td>Dog repellent</td>
<td>Tetrachloroethane</td>
</tr>
<tr>
<td>Dursban</td>
<td>1,1,1-Trichloroethane</td>
</tr>
<tr>
<td>Flea spray/powders</td>
<td>Tree root/stump remover</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>Trioxone</td>
</tr>
<tr>
<td>Fungicides</td>
<td>Weed &amp; grass killer</td>
</tr>
<tr>
<td>Gopher killer*</td>
<td>Weedar</td>
</tr>
<tr>
<td>Insect sprays</td>
<td>Weedar</td>
</tr>
<tr>
<td>Lead arsenate</td>
<td>Weed-B-Gon</td>
</tr>
</tbody>
</table>

*Check ingredients to be sure*
## APPENDIX Y

### CORROSIVE HHW

#### Bases (pH>12.5)
- Ammonia
- Ammonia based cleaners
- Battery terminal cleaners
- Carbonates
- Caustic soda
- Cess pool cleaners*
- Drain openers*
- Drano*
- Lye
- Oven cleaners*
- Photo developers*
- Potassium hydroxide
- Soda ash
- Sodium hydroxide

#### Oxidizers
- Ammonium nitrate
- Benzoyl peroxide
- Bleach
- Bromates
- Calcium hypochlorite
- Chlorates
- Chlorites
- Chromates
- Concentrated nitric acid
- Hydrogen peroxide
- Hypochlorites
- Iodine
- Mildew cleaners w/bleach
- Nitrates
- Nitrites
- Perchlorates
- Peroxides
- Persulfates
- Potassium permanganate
- Resin activators
- Sodium hypochlorite

#### Acids (pH<2)
- Acetic acid
- Boric acid
- Car battery acid
- Chromic acid
- Copper cleaners/metal
- Cresol
- Dalapon
- Disinfectants
- Drain openers*
- Ferric chloride
- Hydrochloric acid
- Muriatic acid
- Naval jelly
- Nitric acid (<70%)
- Oleic acid
- Oxalic acid
- Phosphoric acid
- Pool acid
- Photo fixers*
- Sheep dip
- Sodium bisulfate
- Sulfuric acid
- Toilet bowl cleaners

*Check ingredients to be sure*
APPENDIX Z

COUNTY HHW COORDINATOR
MONTHLY HOUSEHOLD HAZARDOUS WASTE INVENTORY

PEND OREILLE COUNTY
HOUSEHOLD HAZARDOUS WASTE INVENTORY

By: Harley Seger

<table>
<thead>
<tr>
<th>WASTE MATERIAL TYPE</th>
<th>POUNDS</th>
<th>RECYCLED</th>
<th>DISPOSED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Used Oil (7.4lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used Oil Filters (.28lbs ea)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Antifreeze (8lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto Batteries (35 lbs ea)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pesticides (7lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Herbicides (7lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latex Paint (9.2lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil Paint (9.2lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvents (7lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flammables (UN1263) 7lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acids (8.3lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bases (9 lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rechargeable Batteries- lbs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gasoline in lbs (5lbs = 1 gal)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refrig &amp; A/C - est 150 lbs ea</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HHW</th>
<th>RECYCLE</th>
</tr>
</thead>
</table>

# of Participants
# Hours
Mileage Reading
Fire Inspection Date
**APPENDIX AA**

**RABANCO EQUIPMENT INTERCHANGE & INSPECTION REPORT**

---

**Rabanco Companies**

**EQUIPMENT INTERCHANGE & INSPECTION REPORT**

<table>
<thead>
<tr>
<th>INTERCHANGE INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DATE</strong></td>
</tr>
<tr>
<td><strong>REASON FOR</strong></td>
</tr>
<tr>
<td><strong>INTERCHANGE</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>CONTAINER NUMBER</strong></th>
<th><strong>RABT</strong></th>
<th><strong>LICENSE NUMBER</strong></th>
<th><strong>CHASSIS NUMBER</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SIZE</strong></td>
<td><strong>20' Open</strong></td>
<td><strong>40' Open</strong></td>
<td><strong>48' Open</strong></td>
</tr>
<tr>
<td><strong>20' Closed</strong></td>
<td><strong>40' Closed</strong></td>
<td><strong>48' Closed</strong></td>
<td></td>
</tr>
</tbody>
</table>

---

**THE EQUIPMENT DELIVERED/RECEIVED IN GOOD SERVICABLE CONDITION EXCEPT AS NOTED**

---

**COMMENTS**

---

**TIRE & RIM CONDITION: (Circle Above, Comment Here)**

**TARP & ROD CONDITION: (Circle Above, Comment Here)**

---

**INSPECTORS**

<table>
<thead>
<tr>
<th>NAME</th>
<th>SIGNATURE</th>
<th>DATE</th>
</tr>
</thead>
</table>

---

**RECEIVING/DELIVERING CARRIER**

<table>
<thead>
<tr>
<th>TRUCK #:</th>
<th>LOADING COMPANY</th>
<th>SITE</th>
</tr>
</thead>
</table>

---

**DRIVERS NAME**

<table>
<thead>
<tr>
<th>SIGNATURE</th>
<th>DATE</th>
</tr>
</thead>
</table>

---

**LOADERS NAME**

<table>
<thead>
<tr>
<th>SIGNATURE</th>
<th>DATE</th>
</tr>
</thead>
</table>

---

**CHASSIS DAMAGE/SAFETY INSPECTION**

<table>
<thead>
<tr>
<th><strong>Reason for Damage/Repair</strong></th>
<th><strong>Container Damage/Safety Inspection</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hoses</strong> B.O. OK</td>
<td><strong>B.O. OK</strong></td>
</tr>
<tr>
<td><strong>Brakes</strong> B.O. OK</td>
<td><strong>B.O. OK</strong></td>
</tr>
<tr>
<td><strong>Air Lines</strong> B.O. OK</td>
<td><strong>B.O. OK</strong></td>
</tr>
<tr>
<td><strong>Springs or Air Bag</strong> B.O. OK</td>
<td><strong>B.O. OK</strong></td>
</tr>
</tbody>
</table>

---

**REASON FOR DAMAGE/REPAIR**

<table>
<thead>
<tr>
<th><strong>Estimated Cost</strong></th>
<th><strong>Cost of Repair</strong></th>
</tr>
</thead>
</table>

---

**CONTAINER DAMAGE/SAFETY INSPECTION**

---

---
### APPENDIX BB

Pend Oreille County FACILITY INSPECTION REPORT for: Newport, Usk, Ione on ________

<table>
<thead>
<tr>
<th>Circle one location</th>
<th>Date</th>
</tr>
</thead>
</table>

#### Security:
1. Are fences secure & capable of preventing unauthorized access? Yes No
2. Are entrance locks in good working order? Yes No

#### Runoff:
3. Is runoff being properly contained & separated from waste? Yes No
4. Are sumps & catch basins working properly? Yes No

#### Housekeeping:
5. Is facility litter being picked up regularly? Yes No
6. Are offices, scales & tipping areas being picked up & swept regularly? Yes No

#### Household Hazardous Waste Facilities:
7. Are hazardous wastes properly sorted, segregated and stored? Yes No
8. Are containers being emptied regularly or as needed? Yes No
9. Are signs & safety equipment available? Yes No

#### Safety:
10. Are fire extinguishers in place & serviced? Yes No
11. Is personnel protective equipment available? Yes No
12. Is spill containment equipment available? Yes No
13. Is a proper first aid kit on-site? Yes No
14. Is an eye wash facility on-site? Yes No
15. Are the facility signs in place and still readable? Yes No

#### Entrance ______ Facility User Rules ______ Safety Signs ______ Warning Signs ______

#### Containers:
16. Recycling Containers on-site: List ID#'s, contents & condition of containers:

________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

17. Garbage Containers on-site: List ID#'s, contents & condition of containers:

________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________
________________________________________________________________________________

Comments: ________________________________________________________________________

Name (Print & Sign) ___________________________________________ Date: __________
APPENDIX CC

EMERGENCY CONTACT INFORMATION

Pend Oreille County Public Works Department
Samuel Castro, Public Works Director 509-447-4513
625 West 4th Street, Newport, WA

After Hours On-call COUNTY Manager: 509-671-3042

Pend Oreille County Solid Waste Division
Recycling/HHW Coordinator 509-671-6147

Pend Oreille County Solid Waste Division
Solid Waste Coordinator 509-447-6458

Northeast Tri-County Health District 509-684-2262
Bryan Hunt, Colville, WA

Fire Department 911

Sheriff’s Department:
  Emergency 911
  Dispatch 509-447-3151
  Office 1-800-669-3407 or 1-800-669-3409 or 509-447-3151

Newport Hospital 509-447-2441
714 West Pine Street, Newport, WA
(See Figure 1-8 on next page for Newport Vicinity Map)

Ambulance 911

Local Hazardous Materials Team 911

Washington State Department of Ecology 509-329-3400
Eastern Regional Office in Spokane, WA