Pend Oreille County

SOLID WASTE MANAGEMENT PLAN UPDATE

FINAL DRAFT

June 1, 2010

Prepared for
Pend Oreille County Public Works
Solid Waste Department
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This document amends the Pend Oreille County *Solid Waste Plan* (completed in September 1994), the *Moderate Risk Waste Plan* (April 1992), and the *Solid Waste and Moderate Risk Waste Plan Update* (completed in March 2002).

Prior to the 1960s/1970s, open disposal sites were generally found outside city limits in the rural areas of the County. It was common to dispose of waste on riverbanks, over embankments on rural roads and in the forest. Waste was often burned, and problems associated with rural disposal sites near private property and open burning at Diamond Lake created a smoke hazard on Highway 2. A disposal site next to the Ione Airport runway also created problems for airplanes from the smoke and birds. The County closed the disposal sites and opened two landfills, restricting burning and providing daily cover of solid waste. One was located at Ione and the other at Deer Valley (Newport), both utilizing old gravel pit sites. The County also provided a drop box site at Usk and contracted with individual attendants that operated each landfill and drop box site, had salvage rights, and provided equipment for daily cover. Certificated haulers had keys to the landfill gates and paid the County directly, on a per load basis.

After 1994, the County closed the landfills and constructed solid waste transfer station and drop box sites, as well as household hazardous waste and recycling facilities. The County contracted for operations and transportation services for long-hauling solid waste to a regional landfill, household hazardous waste processing, and recycling services.

Earlier planning documents evaluated various alternatives and led to implementation of the current solid waste transfer system. This document is the second review of the current transfer system conditions, evaluates previous assumptions and recommendations, and seeks to improve the existing solid waste, moderate risk waste, and recycling systems.

### 1.2 BACKGROUND INFORMATION

#### 1.2.1 Physiographic Setting

Rural Pend Oreille County is located in the northeastern corner of Washington State. The County is narrow (22 miles in width and 66 miles long) and generally follows the north-flowing Pend Oreille River. Spokane County adjoins the south boundary, the eastern boundary is the Idaho State line, Stevens County adjoins the western boundary, and the northern extent is at the Canadian Border (British Columbia). Population density is located primarily on individually
owned lands within the Pend Oreille River Valley and communities in the southern portion of the County. About 60% of County lands are located within the Colville and Kaniksu National Forests (Selkirk Mountain Range) on the east and west sides of the Pend Oreille River.

Topographic elevations commonly range from about 5,000 feet down to river elevations of approximately 2,000 feet. The four-season climate exhibits some marine influence, with 25 to 30 inches of average annual rainfall and average temperatures ranging from the low 20s (°F) in winter months to the 80s (°F) during the summer.

1.2.2 Population Statistics

The following are the most recent (2000) U.S. Census Bureau statistics for Pend Oreille County:

The county has a total area of 1,425 square miles, of which, 1,400 square miles (3,627 km²) of it is land and 25 square miles (65 km²) of it (1.76%) is water. There were 11,732 people, 4,639 households, and 3,261 families residing within the County. The population density was 8 people per square mile (3/km²), and there were 6,608 housing units at an average density of 5 per square mile (2/km²).

The median income for a household within the County was $31,677, and the median income for a family was $36,977. Males had a median income of $36,951 versus $20,693 for females. The per capita income for the County was $15,731, and about 13.60% of families and 18.10% of the total population were below the poverty line, including 27.60% of those under age 18 and 6.40% of age 65 or over.

Population numbers within Pend Oreille County provide an estimate (for 2008) of 12,800, with the fastest growing component occurring in the unincorporated areas. The summer population also increases within the County, resulting from occupancy of vacation and second homes, boating and recreational vehicle use, and camping. Table 1-1 (and following graphs) summarizes population data from 2000 through April 2008:

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1 Reference: U.S. Census Bureau – American FactFinder: http://factfinder.census.gov/
2 Median is a statistical term described as the number separating the higher half of a sample set or data population from the lower half, and is found by arranging all the data points from lowest value to highest value (ranking) and picking the middle value.
### Table 1-1

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td><strong>TOTALS</strong></td>
<td>11,732</td>
<td>11,800</td>
<td>11,800</td>
<td>11,800</td>
<td>11,900</td>
<td>12,200</td>
<td>12,300</td>
<td>12,600</td>
<td>12,800</td>
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<tr>
<td><strong>Unincorporated</strong></td>
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<td></td>
<td></td>
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<td></td>
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<td><strong>Totals (1)</strong></td>
<td>8,735</td>
<td>8,710</td>
<td>8,735</td>
<td>8,810</td>
<td>8,920</td>
<td>9,210</td>
<td>9,300</td>
<td>9,529</td>
<td>9,700</td>
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<tr>
<td><strong>Incorporated</strong></td>
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<td></td>
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<td></td>
<td></td>
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<tr>
<td><strong>Totals</strong></td>
<td>2,997</td>
<td>3,090</td>
<td>3,065</td>
<td>2,990</td>
<td>2,980</td>
<td>2,990</td>
<td>3,000</td>
<td>3,071</td>
<td>3,100</td>
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<td><strong>Town of Cusick</strong></td>
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<td>210</td>
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<td><strong>Town of Ione</strong></td>
<td>479</td>
<td>475</td>
<td>465</td>
<td>440</td>
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<td><strong>Town of Metaline</strong></td>
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<td><strong>Town of Metaline Falls</strong></td>
<td>223</td>
<td>225</td>
<td>225</td>
<td>220</td>
<td>220</td>
<td>220</td>
<td>225</td>
<td>286</td>
<td>285</td>
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<tr>
<td><strong>City of Newport</strong></td>
<td>1,921</td>
<td>2,020</td>
<td>2,005</td>
<td>1,965</td>
<td>1,965</td>
<td>1,975</td>
<td>1,985</td>
<td>1,990</td>
<td>2015</td>
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</tbody>
</table>

(1) Unincorporated areas include the towns of Usk and Dalkena.
Population projections from 1990 through 2025 for Pend Oreille County, developed by the Office of Financial Management, are summarized in Table 1-2.

Table 1-2

<table>
<thead>
<tr>
<th>Year</th>
<th>Population</th>
<th>Rate of Change</th>
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<tbody>
<tr>
<td>1990</td>
<td>8,915</td>
<td>----</td>
</tr>
<tr>
<td>2000</td>
<td>11,732</td>
<td>3.16% per year</td>
</tr>
<tr>
<td>2007</td>
<td>12,600</td>
<td>1.06% per year</td>
</tr>
<tr>
<td>2008</td>
<td>12,800</td>
<td>1.59% per year</td>
</tr>
<tr>
<td>2010</td>
<td>13,683</td>
<td>3.45% per year</td>
</tr>
<tr>
<td>2015</td>
<td>14,697</td>
<td>1.48% per year</td>
</tr>
<tr>
<td>2020</td>
<td>15,691</td>
<td>1.135% per year</td>
</tr>
<tr>
<td>2025</td>
<td>16,646</td>
<td>1.22% per year</td>
</tr>
</tbody>
</table>

1.3 MUNICIPAL SOLID WASTE GENERATION SUMMARY

The Pend Oreille County annual municipal solid waste (MSW) tonnages, as reported by Regional Disposal Company, are provided in the following table. Comparing the total County population with the reported waste volumes provides an estimate of disposal rates per capita. Table 1-3 (and associated plot) shows (per capita) disposal rates increasing from approximately 3 pounds in the 1990s up to about 4 pounds since 2006 and an average annual increase of 3.4% from 1995 through 2008.

Table 1-3

<table>
<thead>
<tr>
<th>Year</th>
<th>Annual MSW Generation [tons]</th>
<th>Population</th>
<th>Daily Disposal Rate [pounds/person]</th>
<th>Percent Change (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>5,260</td>
<td>10,698</td>
<td>2.69</td>
<td>-----</td>
</tr>
<tr>
<td>1996</td>
<td>5,345</td>
<td>10,905</td>
<td>2.69</td>
<td>0%</td>
</tr>
<tr>
<td>1997</td>
<td>6,525</td>
<td>11,112</td>
<td>3.22</td>
<td>+20%</td>
</tr>
<tr>
<td>1998</td>
<td>5,875</td>
<td>11,319</td>
<td>2.84</td>
<td>-12%</td>
</tr>
<tr>
<td>1999</td>
<td>5,915</td>
<td>11,526</td>
<td>2.81</td>
<td>-1%</td>
</tr>
<tr>
<td>2000</td>
<td>5,870</td>
<td>11,732</td>
<td>2.74</td>
<td>-2%</td>
</tr>
<tr>
<td>2001</td>
<td>6,370</td>
<td>11,800</td>
<td>2.96</td>
<td>+8%</td>
</tr>
<tr>
<td>2002</td>
<td>6,313</td>
<td>11,800</td>
<td>2.93</td>
<td>-1%</td>
</tr>
<tr>
<td>2003</td>
<td>6,787</td>
<td>11,800</td>
<td>3.15</td>
<td>+8%</td>
</tr>
<tr>
<td>2004</td>
<td>7,391</td>
<td>11,900</td>
<td>3.40</td>
<td>+8%</td>
</tr>
<tr>
<td>2005</td>
<td>7,516</td>
<td>12,200</td>
<td>3.38</td>
<td>-1%</td>
</tr>
<tr>
<td>2006</td>
<td>8,922</td>
<td>12,300</td>
<td>3.97</td>
<td>+17%</td>
</tr>
<tr>
<td>2007</td>
<td>8,704</td>
<td>12,600</td>
<td>3.79</td>
<td>-5%</td>
</tr>
<tr>
<td>2008</td>
<td>8,124</td>
<td>12,800</td>
<td>3.48</td>
<td>-8%</td>
</tr>
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</table>

Average annual increase from 1995 – 2008 2.58%

(1) Change in disposal rate from previous year.
Projections of municipal solid waste generation through 2025 are summarized in Table 1-4 and assume population projections (as defined by the Office of Financial Management) and an average annual increase in solid waste generation of 2.58%.

### Table 1-4: Twenty Year Solid Waste Generation Projections

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</tr>
</thead>
<tbody>
<tr>
<td>Population Projections</td>
<td>-----</td>
<td>11,732</td>
<td>12,600</td>
<td>12,800</td>
<td>13,683</td>
<td>14,697</td>
<td>15,691</td>
<td>16,646</td>
<td>17,255</td>
</tr>
<tr>
<td>Population Growth per Year</td>
<td>-----</td>
<td>3.16%</td>
<td>1.06%</td>
<td>1.59%</td>
<td>3.45%</td>
<td>1.48%</td>
<td>1.135%</td>
<td>1.22%</td>
<td>1.22%</td>
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<tr>
<td>Actual Solid Waste Generation [tons]</td>
<td>5,260</td>
<td>5,870</td>
<td>8,704</td>
<td>8,124</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
<td>-----</td>
</tr>
</tbody>
</table>

Increased disposal rates are a product of many factors. Prior to the mid 1990s when the landfills were open, it was more cost-effective for residents to self-haul rather than participate in curbside collection. Curbside collection through the certificated haulers increased after the transfer stations were completed (with associated rate increases). Additionally, there has been increasing use of the certificated haulers by industrial, construction, and commercial customers within the County. Increased recycling and waste reduction efforts may decrease MSW collection over time, if appropriate economic incentives (and disincentives) occur through higher disposal costs and/or improved recycling and waste reduction opportunities.

The current facilities have the capacity to easily process two to three times the current volumes of 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 County Transfer Station tipping floor and additional changes of trailers, boxes and transport to process larger volumes of waste.

### 1.4 RECYCLING AND WASTE REDUCTION SUMMARY

Recycling collection boxes for scrap metal, newspaper, cardboard, aluminum cans, tin cans and container glass are provided free of charge at the transfer stations. The public separates and delivers recyclable materials to the collection boxes that are monitored and cleaned by County personnel. Composting and recycling of construction, demolition, and landclearing (CDL) debris are currently not components of the existing system.

Waste reduction policies have not been formally initiated by the County, but specific goals and recommendations for implementing waste reduction strategies are provided in this *Solid Waste Management Plan Update*. 
1.5 MODERATE RISK WASTE SUMMARY

Moderate Risk Waste (MRW), which is primarily Household Hazardous Waste (HHW), is collected and processed at a facility located adjacent to the South County (Deer Valley) Transfer Station near Newport. MRW collection containers are also located at the Central County (Usk) and North County (Ione) Drop Box Sites. Disposal of MRW occurs prior (before weighing) to MSW drop off and is provided as a free service to County residents. Processed waste is shipped to various locations, with some items reused by the County (for example, used oil). Countywide average annual weights are approximately 9 tons of MRW and 6 tons of used oil.

1.6 SPECIAL WASTES SUMMARY

Special wastes are a category of generated waste materials that require management strategies outside municipal solid waste (MSW) collection, processing, transport, and disposal. These wastes include: biosolids (including septic tank and wastewater treatment plant sewage sludge), biomedical wastes (including animal carcasses), asbestos, petroleum contaminated soils and sludge, tires, and auto hulks and parts. These wastes are not handled through the County but are managed by the waste generators.

1.7 LITTER CONTROL and ENFORCEMENT SUMMARY

The Pend Oreille County Sheriff’s Department uses low-risk detention and court-ordered community service laborers on work crews to seasonally collect litter in the communities, on County roads, and along the state highways. The work crews pick up litter but also pick up fugitive and illegal dumpsites, separate the recyclables, and deliver solid waste to the South County Transfer station via a utility trailer that is pulled behind the work van.

Washington State Department of Transportation (WSDOT) maintenance crews collect litter directly from state highways; and Pend Oreille County sponsors an Adopt-A-Highway program, similar to the program administered by WSDOT, which enlists and encourages civic groups and individuals to collect litter on specifically assigned sections of the state highways.

The Northeast Tri-County Health District receives Coordinated Prevention Grant (CPG) funds to investigate fugitive and illegal disposal site complaints, in cooperation with the County Sheriff’s Department.

1.8 CERTIFICATED HAULERS

Two certificated haulers provide curbside collection services within Pend Oreille County:

- Excess Disposal operates in the southern half of the County serving Newport, Cusick, Usk, Diamond Lake, and Sacheen Lake, and handled approximately 4,200 tons of MSW in 2007.
- B&N Sanitation operates in the northern half of the County serving Metaline, Metaline Falls, and Ione, and handled approximately 816 tons of MSW in 2007.
1.9   FACILITY SUMMARY

The County has an inventory of three solid waste facilities: the South County Transfer Station and the North and Central County Drop Box Sites. The three facilities provide for disposal, transfer, and processing of recyclables and MRW wastes. 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.

1.91   South County Transfer Station

The South County Transfer Station (Deer Valley) facility is located on approximately 5 acres in the east half of the SW1/4 of Section 28, Township 31 North, Range 45 East W.M. The facility is accessed from Deer Valley Road approximately 1,000 feet west of Gray Road and directly east from County Road Shop No. 1 (refer to Figure 1-1).

The facility consists of the following components (refer to Figure 1-2):

- Transfer building, with tipping floor and a trailer loading bay set (with a 500-gallon sump) under a 50 ft. by 60 ft. steel building;
- Pit scale (80 foot);
- Scale attendant, operator, and shop building;
- Household hazardous waste collection, bulking, and storage facility (1,500 ft\(^2\));
- A five-sided concrete tipping wall with large capacity boxes for collection of recyclable items.
- Newly constructed (2008) recycling operations building (40 ft. by 80 ft. steel building) for housing a baler, cardboard stockpiles, and electronic recyclables collection site.

The facility is fenced with 6-ft. high chain link, with gates that are locked when the facility is closed to the public. No personal or attendant salvaged items are allowed to accumulate at the site.

The site averages from about 45 to 65 vehicles up to as high as 100 vehicles per day of residential self-haul. Traffic from commercial certificated hauler trucks and contractor trucks (from the Usk and Ione Drop Box Sites) is highly variable and dependent upon the time of year and operational efficiencies. The majority of waste delivered to the facility is municipal solid waste. Current volumes are approximately 600 to 800 tons per month, which includes wastes from the two drop box sites and the two commercial certificated haulers where the County waste stream is consolidated into trailers for transport to the Roosevelt Regional Landfill in Klickitat County (Washington). Self-haul accounts for approximately 150 to 250 tons per month.

The facility receives the following recyclables into roll-on steel transfer containers: mixed paper, ferrous metals, tin cans, aluminum cans, cardboard, and glass. The household hazardous waste collection, bulking, and storage facility processes approximately 3 tons of automotive oil, antifreeze, batteries, and latex/oil paints and about 15 refrigerators per month.
The County-owned property near the facility also includes (refer to Figure 1-3):

- The closed Deer Valley Landfill, located immediately south of the facility;
- A staging area for salvaged auto hulks collected within the County; and
- Glass-crushing area for County use (inclusion in road-base).

1.9.2 Usk Drop Box Station

The Usk Drop Box Station is located on approximately 1 acre in the SW1/4 of the SE1/4 of Section 7, Township 32 North, Range 44 East W.M. (refer to Figure 1-4). Accessed from Jared Road, approximately 750 feet west of SR 211, the facility is adjacent (west) to County Road Shop No. 2. There is a small attendant building and concrete tipping wall for large capacity drop boxes for collection of self-haul municipal solid waste and recyclables (refer to Figure 1-5). There is no scale, so tipping charges are based on volume. The site receives up to about 50 vehicles per day, disposing an average of 10 tons per month of solid waste during the winter up to 50 tons per month during the rest of the year. The site also receives household hazardous wastes, which are stored in secondary containment. Although the site is partially secured in a fenced area behind a gate that is locked when the facility is closed, it is accessible through the access gate to Pend Oreille County Shop No. 2 (when the gate is unlocked). No personal or attendant salvaged items are allowed to accumulate at the site.

1.9.3 North County (Ione) Drop Box Station

The North County (Ione) Drop Box Station is located within a 40-acre County-owned parcel in the SW1/4 of SW1/4 of Section 4, Township 37 North, Range 43 East W.M. The facility is accessed from Sullivan Lake Road approximately 1.7 miles east of SR 31 (refer to Figure 1-6). The site has a scale attendant and shop building; a 40-foot pit scale and concrete tipping wall for large capacity drop boxes for collection of municipal solid waste and recyclable items (refer to Figure 1-7). The site receives about 25 to 100 self-haul vehicles per day, disposing an average of 30 tons of MSW during the winter up to 90 tons per month of municipal solid waste (primarily in the summer). The site also receives household hazardous wastes, which are stored in secondary containment. The site is located behind gates, which are locked when the facility is closed to the public. No personal or attendant salvaged items are allowed to accumulate at the site. The closed Ione Landfill is also located adjacent (north) of the facility.

1.10 OPERATIONS SUMMARY

The Pend Oreille County Public Works Department, Solid Waste Division is responsible for the operation of the County’s solid waste facilities. The Public Works Director has overall responsibility for directing the solid waste operations and contract administration. The County also staffs two positions: a part-time Solid Waste Coordinator, who oversees the day to day operations, grants, and accounts receivable/payable; and a full-time Moderate Risk Waste and Recycling Coordinator, who is responsible for the day to day operations of the household hazardous waste and recycling activities. Pend Oreille County owns and maintains all of the solid waste facilities and the recycling containers (15 cy to 40 cy), with the exception of the containers supplied by American Recycling for metal.
The County contracts with Regional Disposal Company for the operation of the three solid waste facilities, the short haul of municipal solid waste (MSW) from Usk and Ione to the Deer Valley (South County) Facility, and the long haul of MSW from Deer Valley to Roosevelt Regional Landfill in Klickitat County, Washington. Regional Disposal Company provides site operations and short hauling with site attendants and equipment as well as hauling of recycled material to the facility, as designated by the County.

Regional Disposal provides two (2) site attendants at the Deer Valley Transfer Facility, and one (1) each at the Usk and Ione Drop Box Facilities for the operating days. The attendants provide all aspects of the station operations including, but not limited to, container loading services, overall site supervision, and assistance with recycling and moderate risk waste activities.

Hours of Operation:

- Deer Valley Transfer Station: Open 9:00 a.m. to 5:00 p.m., Thursday through Monday. Closed Tuesday and Wednesday.
- Usk Drop Box Facility: Open 9:00 a.m. to 5:00 p.m., Wednesday and Saturday only.
- Ione Drop Box Facility: Open 8:00 a.m. to 4:00 p.m., Wednesday and Saturday only.
- All facilities are closed to the general public on the following holidays: New Years Day, Labor Day, Thanksgiving Day, and Christmas Day.

1.11 COMMUNITY PARTICIPATION

The City of Newport and the Towns of Cusick, Ione, Metaline, and Metaline Falls have deferred solid waste planning responsibility to the County and Resolutions of Adoption for the current Solid Waste Management Plan (updated in 2002) are provided in Appendix A of this Solid Waste Management Plan update. None of the towns collect MSW or operate disposal facilities, and interlocal agreements for the current planning effort are provided in Appendix A.

The community was surveyed for additional information and recommendations related to solid waste management, recycling, and waste reduction efforts. Public input received by the County is also provided in Appendix A.

1.12 SCOPE OF PLAN AMENDMENTS

1.12.1 Solid Waste Management Plan Guidance

Guidelines for the Development of Local Solid Waste Management Plans and Plan Revisions (Ecology Publication #90-11) outlines process and planning steps to preparing documents in standard formats. The majority of the guidance is directed towards scope, issues, and items to address in the preliminary draft of the plan. The balance of guidance provides procedural direction related to involving the public and regulators in the process. It is the intent of this document to adhere to the guidelines as much as practicable exploring ways to improve an existing rural collection and transfer system.

The balance of the planning effort is directed at presenting a draft document, soliciting public comment, obtaining regulatory approval, submitting the final document, and implementing the plan. Following is a list of planning tasks to be completed:
Guideline Steps 1, 2, 3: Develop scope of plan for Pend Oreille County, based upon the current system, meetings with Ecology, telephone interviews with industry, and guidance documents.

Guideline Steps 4, 5: Prepare and present preliminary SWMP and MRWP amendments to informal Solid Waste Advisory Committee (SWAC) for review and comment.

Guideline Steps 5, 6: Incorporate SWAC comments and revisions into amendments for presentation of Draft SWMP and MRWP amendments to Washington State Department of Ecology (Ecology), Northeast Tri-County Health District (TCHD), and the Washington Utilities and Transportation Commission (WUTC), along with any required operational amendments, for review and comment.

Guideline Step 7: Prepare a SEPA checklist and process for determination.

Guideline Step 8: Prepare final amendments and documents based upon DOE and TCHD reviews and comments.

Guideline Step 9: Obtain Resolutions of Adoption from the Cities, finalize amendments, and adopt SWMP and MRWP amendments by County Commissioners.

Guideline Step 10: Submit final plan to DOE, TCHD and WUTC.

Guideline Steps 11, 12: Implement and maintain plan.

1.12.2 Solid Waste Management Plan Requirements

RCW 70.95.090 County and city comprehensive solid waste management plans — Contents. Each county and city comprehensive solid waste management plan shall include the following:

1. A detailed inventory and description of all existing solid waste handling facilities including an inventory of any deficiencies in meeting current solid waste handling needs.

2. The estimated long-range needs for solid waste handling facilities projected twenty years into the future.

3. A program for the orderly development of solid waste handling facilities in a manner consistent with the plans for the entire county which shall:

   a. Meet the minimum functional standards for solid waste handling adopted by the department and all laws and regulations relating to air and water pollution, fire prevention, flood control, and protection of public health;

   b. Take into account the comprehensive land use plan of each jurisdiction;

   c. Contain a six year construction and capital acquisition program for solid waste handling facilities; and

   d. Contain a plan for financing both capital costs and operational expenditures of the proposed solid waste management system.

4. A program for surveillance and control.

5. A current inventory and description of solid waste collection needs and operations within
each respective jurisdiction which shall include:

(a) Any certificate for solid waste collection granted by the Utilities and Transportation Commission in the respective jurisdictions including the name of the holder of the certificate and the address of his or her place of business and the area covered by the certificate;

(b) Any city solid waste operation within the county and the boundaries of such operation;

(c) The population density of each area serviced by a city operation or by a certificated operation within the respective jurisdictions;

(d) The projected solid waste collection needs for the respective jurisdictions for the next six years.

(6) A comprehensive waste reduction and recycling element that, in accordance with the priorities established in RCW 70.95.010, provides programs that (a) reduce the amount of waste generated, (b) provide incentives and mechanisms for source separation, and (c) establish recycling opportunities for the source separated waste.

(7) The waste reduction and recycling element shall include the following:

(a) Waste reduction strategies;

(b) Source separation strategies, including:

(i) Programs for the collection of source separated materials from residences in urban and rural areas. In urban areas, these programs shall include collection of source separated recyclable materials from single and multiple family residences, unless the department approves an alternative program, according to the criteria in the planning guidelines. Such criteria shall include: Anticipated recovery rates and levels of public participation, availability of environmentally sound disposal capacity, access to markets for recyclable materials, unreasonable cost impacts on the ratepayer over the six-year planning period, utilization of environmentally sound waste reduction and recycling technologies, and other factors as appropriate. In rural areas, these programs shall include but not be limited to drop-off boxes, buy-back centers, or a combination of both, at each solid waste transfer, processing, or disposal site, or at locations convenient to the residents of the county. The drop-off boxes and buy-back centers may be owned or operated by public, nonprofit, or private persons;

(ii) Programs to monitor the collection of source separated waste at nonresidential sites where there is sufficient density to sustain a program;

(iii) Programs to collect yard waste, if the county or city submitting the plan finds that there are adequate markets or capacity for composted yard waste within or near the service area to consume the majority of the material collected; and

(iv) Programs to educate and promote the concepts of waste reduction and recycling;

(c) Recycling strategies, including a description of markets for recyclables, a review of waste generation trends, a description of waste composition, a discussion and description of existing
programs and any additional programs needed to assist public and private sector recycling, and
an implementation schedule for the designation of specific materials to be collected for
recycling, and for the provision of recycling collection services;

(d) Other information the county or city submitting the plan determines is necessary.

(8) An assessment of the plan's impact on the costs of solid waste collection. The assessment
shall be prepared in conformance with guidelines established by the Utilities and Transportation
Commission. The commission shall cooperate with the Washington state association of counties
and the association of Washington cities in establishing such guidelines.

(9) A review of potential areas that meet the criteria as outlined in RCW 70.95.165.

1.12.3 SWAC Requirements

In accordance with RCW 70.95.165(3):

Each county shall establish a local solid waste advisory committee to assist in the development
of programs and policies concerning solid waste handling and disposal and to review and
comment upon proposed rules, policies, or ordinances prior to their adoption. Such committees
shall consist of a minimum of nine members and shall represent a balance of interests including,
but not limited to, citizens, public interest groups, business, the waste management industry, and
local elected public officials. The members shall be appointed by the county legislative authority.
A county or city shall not apply for funds from the state and local improvements revolving
account, Waste Disposal Facilities, 1980, under chapter 43.99F RCW, for the preparation,
update, or major amendment of a comprehensive solid waste management plan unless the plan or
revision has been prepared with the active assistance and participation of a local solid waste
advisory committee.

1.12.4 Initial SWMP Scoping Effort

This planning effort utilizes the following scope, which was presented and discussed with the
Department of Ecology and Pend Oreille County prior to the start of work:

- Combine the Solid Waste Management Plan (SWMP), the Moderate Risk Waste Plan
  (MRWP), and Operations Plan amendments in a single planning effort and combining the
  public participation portion, working on document preparation concurrently.
- Focus planning and document preparation efforts on increased recycling and waste
  reduction opportunities and potential improvements in the current transfer station
  infrastructure, as opposed to detailed analysis of current condition/evaluation of previous
  alternatives and options.
- Evaluate system capacity and feasibility of increasing waste streams (demolition debris,
  inert wastes) for economic benefit from industrial generators within the County.
- Prepare a solid waste and moderate risk waste survey for telephone interviews of
certificated hauler(s) and contractors, business/commercial representatives, and public
  officials.
Collect and summarize solid waste, recycling, and MRW weights and budget records over a multiyear period for incorporation into the document. Contact representatives of local industries to identify waste streams and potential ways to take advantage of economies of scale on local handling costs.

The County will endeavor to establish a local solid waste advisory committee (SWAC) to assist in the development of programs and policies concerning solid waste handling and disposal and to review and comment upon proposed rules, policies, or ordinances prior to their adoption. Such committee shall consist of a minimum of nine members and shall represent a balance of interests and stakeholders including, but not limited to: citizens, public interest groups, business, the waste management industry, and local elected public officials. The following individuals have agreed to serve on the SWAC for the purpose of participating in updating the Solid Waste Management Plan and the process of identifying other stakeholders and additional input will be ongoing throughout the planning process (refer also to Appendix A):

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>E-mail</th>
<th>Telephone No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob Nichols (Chair)</td>
<td>B&amp;N Sanitation</td>
<td><a href="mailto:bocatt@hotmail.com">bocatt@hotmail.com</a></td>
<td>509-445-1353</td>
</tr>
<tr>
<td>Charles Kress</td>
<td>Citizen</td>
<td><a href="mailto:bocatt@hotmail.com">bocatt@hotmail.com</a></td>
<td>509-447-5367</td>
</tr>
<tr>
<td>Cindy Low</td>
<td>Excess Disposal</td>
<td><a href="mailto:low7@verizon.net">low7@verizon.net</a></td>
<td>208-437-4502</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>208-448-2394</td>
</tr>
<tr>
<td>Dave Alvarado</td>
<td>NW Industrial Services, LLC</td>
<td><a href="mailto:dave_alvarado@air-pipe.com">dave_alvarado@air-pipe.com</a></td>
<td>509-496-1112</td>
</tr>
<tr>
<td>Dennis McLaughlin</td>
<td>Regional Disposal Company</td>
<td><a href="mailto:rdcspokane@aol.com">rdcspokane@aol.com</a></td>
<td>509-244-3325</td>
</tr>
<tr>
<td>Don Hutson</td>
<td>Kalispel Tribe of Indians</td>
<td><a href="mailto:dhutson@kalispeltltribe.com">dhutson@kalispeltltribe.com</a></td>
<td>509-447-1147</td>
</tr>
<tr>
<td>Scott Campbell</td>
<td>Ponderay Newsprint</td>
<td><a href="mailto:scott.campbell@AbitibiBowater.com">scott.campbell@AbitibiBowater.com</a></td>
<td>509-445-2304</td>
</tr>
<tr>
<td>Travis Low (Vice-Chair)</td>
<td>Excess Disposal</td>
<td><a href="mailto:sledpoor@hotmail.com">sledpoor@hotmail.com</a></td>
<td>509-671-2342</td>
</tr>
<tr>
<td>Judy Henshaw</td>
<td>Citizen (Newport Schools)</td>
<td><a href="mailto:henshaw@newport.wednet.edu">henshaw@newport.wednet.edu</a></td>
<td>509-671-2342</td>
</tr>
</tbody>
</table>

### 1.13 COMPREHENSIVE LAND USE PLAN

The Pend Oreille County Comprehensive Land Use Plan was adopted by the Board of County Commissioners on October 17, 2005 and subsequently amended in February 2007 and March 2008. Development regulations were implemented on September 1, 2007 and updated on May 16, 2008 effective July 1, 2008. The Comprehensive Land Use Plan will be subject to annual review for the foreseeable future and changes to the development regulations will follow any plan amendments. The Pend Oreille County Director of Community Development Department has determined that the Solid Waste Management Plan does not conflict with the Pend Oreille County Comprehensive Land Use Plan.

#### 1.13.1 Rural Designation

The rural designation for Pend Oreille County is consistent with development patterns. Population was estimated in 2007 at 12,600 residents and land area of 910 square miles (0.65 of 1,400 square miles—removing forest service lands), providing a density of less than 16 residents per square mile. Level of service for recyclable materials is consistent throughout the County with containers available at the transfer station and drop box sites. Neither curbside collection of recyclables nor drop box sites for recyclables currently exists within the communities.
1.14 SEPA REQUIREMENTS

A State Environmental Policy Act (SEPA) Checklist was completed for the draft plan (Appendix B) and a determination of non-significance is proposed based upon the recommendations section of this plan. The proposed changes in operations and facilities are ongoing maintenance and improvement work to existing facilities. There are no measurable impacts with regard to environmental elements listed in the SEPA Checklist.

1.15 WUTC REQUIREMENTS

A Washington Utility and Transportation Commission (WUTC) Checklist is required, updating volumes and financial information together with certificated hauler data (refer to Appendix C). WUTC is the primary regulator of the certificated haulers.
Pend Oreille County
Solid Waste Management Plan Update

Section 2.0
MUNICIPAL SOLID WASTE (MSW)

2.1 INTRODUCTION

Under state statute, the Revised Washington Code (RCW) definition of "solid waste" or "wastes" includes all putrescible and non-putrescible solid and semisolid wastes including, but not limited to: garbage, rubbish, ashes, industrial wastes, swill, sewage sludge, demolition and construction wastes, abandoned vehicles or parts thereof, and recyclable materials. Management of municipal solid waste (MSW) generated by households, businesses and industry is divided into the following categories: solid waste (Section 2.0); recyclables (Section 3.0); construction, demolition, and land clearing (CDL) debris and inert waste (Section 4.0); moderate risk waste (Section 5.0) and special wastes (Section 6.0).

2.1.1 MSW Management Goals

- Provide for cost-effective and efficient collection and transfer of MSW.
- Provide for recycling and waste diversion opportunities at MSW facilities.
- Continue public outreach in MSW reduction, recycling, and appropriate disposal.

2.2 EXISTING CONDITIONS

Pend Oreille County provides solid waste transfer services for the unincorporated County and includes the incorporated communities of: Newport, Cusick, Ione, Metaline and Metaline Falls; as well as the Kalispel Tribe, under the agency rules found in Washington Administrative Code (WAC) 173-350-300.

MSW is collected and delivered by two certificated haulers or self-hauled to three (3) County facilities, the North and Central County Drop Box Sites or the South County Transfer Station, where waste is consolidated for long haul to a regional landfill. The three facilities also provide for disposal, transfer, and processing of recyclables and MRW wastes.

2.2.1 Annual Weights and Projections

Based on the projected population and solid waste increases outlined in Section 1.0 (summarized in Figure 2-1), MSW volumes will more than double within the next twenty years to over 16,000 cubic yards annually with no changes in waste reduction or recycling efforts.
Table 2-1 and Figure 2-2 summarize the origin of total waste volumes, with the fastest growing component from certificated haulers. Certificated haulers collect approximately 60% of the MSW with 40% coming from self-haul.

### Table 2-1: Annual Municipal Solid Waste Weights [Tons]

<table>
<thead>
<tr>
<th></th>
<th>Year</th>
<th>2002</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Certificated Haulers</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Excess Disposal</td>
<td></td>
<td>3,528</td>
<td>3,777</td>
<td>4,148</td>
<td>4,213</td>
<td>4,153</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B &amp; N Sanitation</td>
<td></td>
<td>768</td>
<td>776</td>
<td>747</td>
<td>816</td>
<td>761</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Certificated Haulers Totals</strong></td>
<td></td>
<td>4,296</td>
<td>4,533</td>
<td>4,895</td>
<td>5,029</td>
<td>4,914</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Self-Haul Totals</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>South County Transfer Station (Newport)</td>
<td></td>
<td>2,190</td>
<td>2,426</td>
<td>2,549</td>
<td>2,586</td>
<td>2,442</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central County Transfer Station (Usk)</td>
<td></td>
<td>285</td>
<td>372</td>
<td>394</td>
<td>384</td>
<td>265</td>
<td></td>
<td></td>
</tr>
<tr>
<td>North County Transfer Station (Ione)</td>
<td></td>
<td>615</td>
<td>682</td>
<td>720</td>
<td>716</td>
<td>756</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Self-Haul Totals</strong></td>
<td></td>
<td>3,090</td>
<td>3,480</td>
<td>3,663</td>
<td>3,686</td>
<td>3,463</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>County Reported Totals</strong></td>
<td>(Certificated and Self-Haul)</td>
<td></td>
<td>7,386</td>
<td>8,033</td>
<td>8,558</td>
<td>8,715</td>
<td>8,377</td>
<td></td>
</tr>
<tr>
<td><strong>Regional Disposal (Landfill) Reported Totals</strong></td>
<td></td>
<td>6,313</td>
<td>6,787</td>
<td>7,391</td>
<td>7,516</td>
<td>8,922</td>
<td>8,704</td>
<td>8,124</td>
</tr>
</tbody>
</table>

**NOTES:**
- Differences in weights are due to moisture content variances between transfer station loading and disposal at the landfill, with weight decreasing at landfill in summer months and increasing in winter months.
- All solid waste from certificated haulers (Excess Disposal and B&N Sanitation) and from North County (Ione) and Central County (Usk) is deposited at the South County (Newport) Transfer Station.
- South County Transfer Station (Newport) total is the self-haul portion of the waste deposited at South County Transfer Station (Newport).
2.2.2 Certificated Haulers

Pend Oreille County utilizes two certificated haulers, operating businesses that have remained under the same ownership for several decades. Curbside fees have remained relatively stable and increase in direct proportion to transfer station disposal rates. The number of curbside customers increases seasonally (during the summer) and has increased over time, with the last major spike in the mid 1990s when the County-operated landfills closed. Certificated hauler volumes, as a percentage of total volume, have increased at a faster pace than self-haul volumes (that have remained fairly stable).

Excess Disposal (Certificate Number G-107)

Owners: Cindy Low and Rod Troudt, 2654 East Hwy 2, Oldtown, ID 83822, (208) 437-4502

Certificate service area covers southern Pend Oreille County, from the Spokane County line to Blue Slide (about 20 miles north of Cusick); and services approximately 700 residential customers (with a seasonal increase of approximately 50 residential customers in the summer) and approximately 240 commercial customers. (Refer to Figure 2-3: Certificate Service Area Map).

Largest commercial accounts:

- Ponderay Newsprint, Usk: Approximately 2 20-cy compactor boxes and approximately 1 40-cy roll-off box weekly.
- CD Zodiac (formerly Aerocell), Newport: Approximately 1 6-cy box and 1 30-cy roll-off box weekly.
- Kalispel Tribe, Usk: Approximately 2 20-cy boxes weekly.
Fairchild AFB Survival School, Cusick: Approximately 1 4-cy box weekly and 1 40-cy box monthly.

Nichols, Robert L. (Certificate Number G-122) – d/b/a B & N Sanitation

Owner: Bob Nichols, 403641 Hwy 20, Cusick, WA 99119, (509) 445-1353

Certificate service area covers northern Pend Oreille County, from the Canadian Border to Tiger (about 5 miles south of Ione); and services about 300 residential and small commercial customers (apartments, groceries, and restaurants). (Refer to Figure 2-4: Certificate Service Area Map).

2.2.3 Industrial Generators

The number of industrial businesses has increased by about one or two since the last SWMP update and is consistent with current trends in slow industrial growth within a rural area. Ponderay Newsprint and C&D Zodiac (formerly Aerocell) are the two primary industrial businesses, with the Kalispel Tribe generating mixed loads of residential and industrial park MSW, all handled by the certificated haulers:

- Ponderay Newsprint (Central County) – Newsprint manufacturer Recycles newsprint, generates up to 80 cy of MSW per week.

- C&D Zodiac Inc (South County) – Plastics manufacturer/fabricator Generates up to 36 cy of MSW per week.

- Kalispel Tribe (Central County) – Reservation and industrial park Residential and gun case manufacturers, up to 40 cy MSW per week.

The following are the other primary industrial generators who internally manage their waste:

- Pend Oreille County Public Utility District (South and North County) – Electrical power supplier (Box Canyon Dam) and community water system owners.

- Vaagen Brothers/Ponderay Valley Fibre (Central County) – Wood chip manufacturer.

- Pend Oreille County Railroad (Central County) – Operates a small branch line and rebuilds equipment.

- Teck Cominco (North County) – Zinc-lead mine with new tailings pond (not operating).

- Lafarge North America Inc (North County) – Closed cement plant, disposal area, and quarry.
2.2.4 Federal Environmental Databases

Environmental databases were checked for unknown and or potential industrial generators with some closed and temporary generators (such as the large motion picture operation in the Metaline Falls area). The mining industry and the closed cement plant in the northern county are the largest known potential generators of industrial wastes from remediation and future production activities.

The following Federal environmental databases were reviewed (2008) and summarized in Table 2-2:

### Table 2-2

<table>
<thead>
<tr>
<th>Community or Location</th>
<th>Zip Code</th>
<th>NRC (Spills) Note 1</th>
<th>CERCLIS (Toxic Sites) Note 2</th>
<th>RCRIS (Hazardous Waste Generators) Note 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pend Oreille County</td>
<td>County wide</td>
<td>11</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Newport</td>
<td>99156</td>
<td>0</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Usk</td>
<td>99180</td>
<td>0</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Cusick</td>
<td>99119</td>
<td>0</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Ione</td>
<td>99139</td>
<td>0</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Metaline</td>
<td>99152</td>
<td>5</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Metaline Falls</td>
<td>99153</td>
<td>3</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
1. **NRC (National Response Center)**
   Eleven (11) spills are reported as occurring in the County, but none since 2002.
2. **CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Act)**
3. **RCRIS (Resource Conservation and Recovery Act)**
   There were 27 hazardous waste generators reported including: existing operations, one time operations, and no longer in operation. Records are consistent with currently known industrial generators, and most internally handle waste (not managed through the County operations).

2.2.5 Closed Landfills

Prior to 1994, the County operated two landfills (in County-owned gravel pits) located near Newport on Deer Valley Road (South County or Deer Valley Landfill – refer to Figure 1-2) and near Ione on the Sullivan Lake Road (North County or Ione Landfill – refer to Figure 1-6). The County contracted with operators who collected fees, provided daily cover, and had salvage rights. The landfills (each about five acres in size and with a rough estimate of 100,000 cubic yards of MSW in place) were closed in 1994, under the requirements of Chapter 173-304-407 WAC (grading, geomembrane cover system, seeded topsoil, gas collection system, and groundwater monitoring wells).

Since closure of the two landfills, the County has endeavored to meet the requirements of post-closure monitoring within the challenges of limited staff and budget. Additional downgradient groundwater wells were installed at both landfills in 1999, with limited success; and groundwater monitoring has occurred on an intermittent basis due to variable and seasonal lack of sufficient quantities of groundwater (Ione) and limited access to monitoring wells in the winter. Both landfills appear to be stabilizing: the methane gas levels are too low to be flared; no significant
areas of settlement are observed; storm water runoff systems have not received enough precipitation to pond water; and vegetative cover is now well established with no erosion problems.

2.2.6 Transfer Operations Staffing

The County has three (3) public employees overseeing the MSW facilities and operations:

- The Public Works Director has overall responsibility for directing the solid waste operations and contract administration.
- The Moderate Risk Waste (MRW)/Recycling/Household Hazardous Waste (HHW) Coordinator is responsible for the day-to-day operations of the household hazardous waste and recycling activities.
- The Solid Waste Coordinator oversees the day to day solid waste operations, grants, and account receivables and payables.

The Operations Contractor has up to five (5) employees working as operators and attendants of the MSW facilities and operations:

- Contractor provides up to two (2) driver/operators, using a backhoe to compact MSW in the trailers and hauling MSW to the rail yard in Spokane. The operators also use a roll off truck to move solid waste and recyclables between the drop box site and the transfer station and to various collection locations.
- The Contractor also provides one full time attendant at South County (Deer Valley) Transfer Facility and two (2) part time attendants—one each at Central (Usk) and North County (Ione) Drop Box Sites.

2.3 KEY ISSUES

- The previous recommendations for MSW evaluated at least four transfer options and three construction alternatives. Construction alternatives evaluated in the original SWMP included various size bottom-lined landfills and building a waste-to-energy plant and/or a mixed use composter. These alternatives for the small county waste stream are not economic, due to both capital and operational expenditures and dependence upon little or unknown technologies. Transfer alternatives considered truck transfer to Stevens County Landfill or Spokane County Waste to Energy Plant but are not possible due to capacity consideration and flow control ordinances. Truck transport to other regional landfills was also determined to be less economic than the current truck rail bimodal option.

- The County is operating with the minimum number of public employees and the Operations Contractor is endeavoring to operate the facilities at the lowest cost, with the least number of employees. As an alternative to the current condition, other public staffing alternatives should be considered to lower MSW handling and disposal costs (through increased recycling and reduction activities).
Economic sustainability of the solid waste management system has always been a challenge for the County. Tipping fees have not been able to maintain the program without grant assistance and with minimizing staff and program operational costs.

2.4 ALTERNATIVES

| Facility and Equipment | Improve efficiency and cost-effectiveness of solid waste collection, processing, and transport of MSW. | 1. Collect inert waste and construct an inert waste landfill at South County Transfer Station.  
2. Baler and building for recyclable materials at the South County Transfer Station.  
3. CDL diversion area at the South County Transfer Station. |
|------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Capital Improvements   | Maximize MSW diversion (recycling).                                                                 | 1. Facility modifications for improved site security at Usk Drop Box Site.  
2. Scale at Usk Drop Box Site  
3. Develop a railcar loading facility, with POVA, as an alternative for truck transport of solid waste. |
| Operations and Public Education | Improve efficiency and cost-effectiveness of solid waste collection, processing, and transport of MSW.  
Maximize MSW diversion (recycling). | 1. Evaluate public staffing alternatives for the transfer station and drop box sites.  
2. Improve site layout and signage at Ione Drop Box site to optimize recycling loads.  
3. Evaluate adjusting transfer station schedules and access restrictions to mitigate after-hours dumping.  
4. Evaluate operational changes to remove more recyclables from solid waste collected by certificated haulers.  
5. Evaluate curbside recycling collection strategies.  
7. Develop public education materials, related to solid waste management within the County, for distribution at the facilities and other venues (County Fair, schools, Courthouse, etc.).  
8. Coordinate school tours of the facilities.  
9. Evaluate computerized scaling at all three facilities. |
| Program and Administrative | Develop and maintain an economically sustainable solid waste management program. | 1. Evaluate a Flow Control Ordinance for the County.  
2. Assess the tipping fees and mechanisms for adjustment.  
3. Continue to seek grant funding opportunities.  
4. Evaluate the need for program fees and minimum transaction fees.  
5. Evaluate disposal and operations contract options.  
2.5 RECOMMENDATIONS

The Solid Waste Advisory Committee (SWAC) reviewed the alternatives summarized in Section 2.4 and recommended the following to Pend Oreille County for further action and implementation:

2.5.1 Facility and Equipment Recommendations

- **Alternative 2**: Baler and building for recyclable materials at the South County Transfer Station.
- **Alternative 3**: CDL diversion area at the South County Transfer Station.

2.5.2 Capital Improvement Recommendations

- **Alternative 1**: Facility modifications for improved site security at Usk Drop Box Site.
- **Alternative 2**: Scale at Usk Drop Box Site

2.5.3 Operations and Public Education Recommendations

- **Alternative 1**: Evaluate public staffing alternatives for the transfer station and drop box sites.
- **Alternative 2**: Improve site layout and signage at Ione Drop Box site to optimize recycling loads.
- **Alternative 6**: Evaluate offsite recycling collection strategies.
- **Alternative 7**: Develop public education materials, related to solid waste management within the County, for distribution at the facilities and other venues (County Fair, schools, Courthouse, etc.).
- **Alternative 9**: Evaluate computerized scaling at all three facilities.

2.5.4 Program and Administrative Recommendations

- **Alternative 2**: Assess the tipping fees and mechanisms for adjustment.
- **Alternative 3**: Continue to seek grant funding opportunities.
- **Alternative 4**: Evaluate the need for program fees and minimum transaction fees.
- **Alternative 5**: Evaluate disposal and operations contract options.
- **Alternative 6**: Evaluate post-closure monitoring requirements for closed Deer Valley and Ione Landfills, and financial assurance under WAC 173-304.

The Solid Waste Management Plan Update Implementation Schedule is provided in Section 8.0.
Section 3.0
RECYCLING and WASTE REDUCTION

3.1 INTRODUCTION

Recycling is defined as transforming or remanufacturing waste materials into usable or marketable commodities, rather than landfill disposal, and provides environmentally responsible and economically sustainable alternatives to traditional solid waste management practices.

Waste reduction practices result in less generated waste and corresponding decreased environmental problems associated with waste disposal\(^5\). The significant overall economic and environmental benefits lead to waste reduction as a statewide priority for solid waste management strategies.

This section summarizes existing recycling and waste reduction practices in Pend Oreille County, key issues and components, and recommended alternatives proposed to work towards the following goals and objectives.

3.1.1 Recycling and Waste Reduction Goals and Objectives

The County will continue to endeavor and establish goals to increase recycling and waste reduction efforts through improvements in recycling opportunities, education, facilities, and markets. Although recycling rates were estimated to increase (as a percentage of MSW generated) at a rate of 1/2% (one half percent) per year (based on population projections), the recycling rate for Pend Oreille County has been consistently (since 1996) less than 10% of the total volume of municipal solid waste collected for disposal.

In order to work towards the Washington State goal of achieving a 50% municipal solid waste (MSW) recycling rate\(^6\) and increase waste reduction efforts, the following objectives are established for Pend Oreille County:

- Recycle materials before long-haul transport for landfill disposal and increase annual recycling rates.
- Ensure access to recycling collection services for urban/rural residences, businesses, and industry.
- Locate recycling sites to optimize service levels and transportation efficiencies.


\(^6\) The State’s recycling rate is based on municipal solid waste as defined by the Environmental Protection Agency (EPA) and includes durable goods, nondurable goods, containers and packaging, food wastes, and yard trimmings. It does not include: industrial waste, inert debris, asbestos, biosolids, petroleum contaminated soils or construction, demolition, and landcrawing debris (CDL) disposed of at municipal solid waste landfills (Reference: Solid Waste in Washington State—Thirteenth Annual Status Report, Washington State Department of Ecology, December 2004).
Promote local recycling businesses to support economic development within the County.

Encourage competition to reduce costs of collection and processing.

Reduce waste disposal through reuse and reduction practices.

Reduce the amount and toxicity of disposed waste materials through reuse or avoiding initial generation.

Support implementation of state and national level initiated waste reduction measures, and promote on a local level.

3.2 EXISTING CONDITIONS

3.2.1 Recycling Facilities

The County owns (with the exception of scrap metal containers provided by the recycler) recycling drop-boxes (40 cubic yard capacity) that are provided at the three municipal solid waste (MSW) facilities: South County (Newport), North County (Ione), and Central County (Usk) (refer to Figures 1-1 through 1-7). Use of the recycling drop boxes is free to the public, with informational signs providing directions to the correct locations within the sites for particular items. Contract station attendants monitor public use of the boxes, open and close the boxes for transport, notify the County of any problems that may arise, and arrange transport of full boxes to recycling facilities. County personnel are responsible for maintaining the boxes, and sorting and cleaning recyclable materials. The collection boxes are transported, under contract, to various recyclers with payment to the County (recycling income) for materials. Compostable materials (clean green) are currently not diverted from the solid waste stream.

3.2.2 Commodities

Recyclable materials from residential sources are collected by Pend Oreille County at the three transfer station and drop box sites, and commercial/industrial materials are managed directly with recycling contractors. Table 3-1 summarizes current recycling strategies.
### Table 3-1

<table>
<thead>
<tr>
<th><strong>Sources and Processing</strong></th>
<th><strong>Recycling Destinations</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Paper:</strong> newspaper, magazines, books (hard covers removed). No paper contaminated with food, paints, or cleaning solvents. No wet paper.</td>
<td><strong>Ponderay Newsprint – Usk, (Pend Oreille County)</strong>&lt;br&gt;The County collects mixed paper (office and newsprint) at the three transfer stations, in 20-cy roll-off covered boxes (owned by the County), and utilizes the operations contractor to transport the paper to sell to Ponderay Newsprint at a contracted mileage rate. County personnel clean the boxes by removing undesirable materials, string, and brown paper bags prior to delivery.</td>
</tr>
<tr>
<td><strong>Aluminum Cans:</strong> separated and drained</td>
<td><strong>Du-Mor Recycling – Spokane (Spokane County)</strong>&lt;br&gt;Currently the County collects aluminum cans at the three transfer stations, using 20-cy roll-off covered boxes (owned by the County), and the operations contractor transports the materials to sell to Du-Mor Recycling in Spokane at a contracted mileage rate.</td>
</tr>
<tr>
<td><strong>Tin/Steel Cans:</strong> food/drink cans only, rinsed and labels removed.</td>
<td><strong>Du-Mor Recycling – Spokane (Spokane County)</strong>&lt;br&gt;Currently, the County collects tin/steel cans at the three transfer stations, using 20-cy roll-off covered boxes (owned by the County), and the operations contractor transports the materials to sell to Du-Mor Recycling in Spokane at a contracted mileage rate.</td>
</tr>
<tr>
<td><strong>Corrugated Paper (Cardboard):</strong> Two-ply brown cardboard. No waxed boxes, overseas cardboard or single-ply chipboard (such as cereal boxes, or paper towel cores or egg cartons).</td>
<td><strong>Du-Mor Recycling – Spokane (Spokane County)</strong>&lt;br&gt;Currently, the County collects cardboard at the three transfer stations, using 20-cy roll-off covered boxes (owned by the County), and pays the site operation contractor to transport the boxes to Du-Mor Recycling in Spokane (at a contracted mileage rate and a haul distance of approximately 100 miles round trip). Du-Mor Recycling pays the County for cardboard (OCC), depending on current market prices.</td>
</tr>
<tr>
<td><strong>Ferrous Metals:</strong> Scrap iron, steel only. No wood or other materials (non-ferrous metals).</td>
<td><strong>American Recycling – Spokane (Spokane County)</strong>&lt;br&gt;The County currently pays rental on three 20-cy roll-off boxes. The vendor transports the boxes (with no mileage charge) when full and pays the County for the value of the metal based on current market prices.</td>
</tr>
<tr>
<td><strong>Glass:</strong></td>
<td><strong>Newport (Deer Valley) Transfer Station and Ione Drop Box Site (Pend Oreille County)</strong>&lt;br&gt;The County collects and stockpiles clean container glass. No window glass, light bulbs, fluorescent lights, or cathode ray tubes are allowed and removed from the piles when found and when it is safe and feasible to do so. The goal of the container glass stockpiles is to incorporate glass into gravel base for road construction. However, due to location and quantity issues, this has not been an economic option. Road aggregate use is dependent upon the proximity of the pile to crusher sites and incorporation of the glass handling into project requirements. As stockpiles grow, reuse potential improves. Accepting container glass, while not generating revenue for the County, does save disposal costs for area residents.</td>
</tr>
<tr>
<td>Sources and Processing (cont’d)</td>
<td>Recycling Destinations (cont’d)</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td><strong>Vehicle Batteries:</strong></td>
<td>Toby’s Battery and Autoelectric, LLC – Spokane (Spokane County)</td>
</tr>
<tr>
<td></td>
<td>Currently, Pend Oreille County’s HHW/Recycling Coordinator transports all vehicle batteries to Toby’s in Spokane.</td>
</tr>
<tr>
<td><strong>Rechargeable Batteries and Cell Phones:</strong></td>
<td>Call 2 Recycle – Atlanta, Georgia</td>
</tr>
<tr>
<td></td>
<td>These batteries and old cell phones can either be left at the HHW facilities or several Pend Oreille County offices have collection boxes available for public use. Free postage-paid boxes are provided by Call 2 Recycle to collect and ship the rechargeable batteries and old cell phones left at the HHW facility by County residents.</td>
</tr>
<tr>
<td><strong>Used Oil:</strong> Collected at the transfer station and drop box sites and checked for reuse. No charge for 5 gallons or less. $20.00/gallon for 6 gallons or more. Large quantities by inspection and approval.</td>
<td>Pend Oreille County Shops</td>
</tr>
<tr>
<td></td>
<td>Used in shop oil burning stoves and provided to other used oil burners in the area.</td>
</tr>
<tr>
<td><strong>Used Antifreeze:</strong> Collected at the Transfer Station and Drop Box Sites and evaluated for reuse. No charge for 5 gallons or less. $20.00/gallon for 6 gallons or more. Large quantities by inspection and approval.</td>
<td>Provided to other businesses who use the antifreeze to keep their machinery working through the winter, or the County pays a fee to Earth 1st Fluid Recovery (Hayden, Idaho) to extract the antifreeze from the storage drums and process.</td>
</tr>
<tr>
<td><strong>Tires:</strong> Collects a few tires at a time from certificated and self-hauler loads. If less than 3 tires, disposal cost is included in the standard tipping fee. The County charges $20 per tire for three or more at a time.</td>
<td>Tires can be sent to the regional landfill at a rate of a couple per load, but this is not a preferred option. Tires are generally not considered recyclable, but can be shipped in large loads to regional facilities at considerable cost.</td>
</tr>
<tr>
<td><strong>Appliances:</strong> White goods are accepted as metal, with Freon-based refrigerators and other appliances requiring processing prior to recycling.</td>
<td>See Section 5 (MRW section) for additional information on refrigerators.</td>
</tr>
<tr>
<td><strong>Wood Pallets:</strong> Collected in a pile next to the tipping floor at Deer Valley Transfer Station.</td>
<td>Collected by self-haulers to reuse the pallets, wood or burn them.</td>
</tr>
<tr>
<td><strong>Auto Hulks:</strong></td>
<td>The County has held a collection event in the past in which several hundred hulks were collected and processed at no charge. Currently, hulks are collected by a contractor and staged at Deer Valley Transfer Station for processing.</td>
</tr>
<tr>
<td><strong>Inkjet, laser/fax cartridges</strong></td>
<td>Print Cartridge Recycle.com – Auburn, Washington</td>
</tr>
<tr>
<td></td>
<td>The cartridges can be dropped off at the transfer station or drop box sites. Additionally, several Pend Oreille County offices and the Post Office have collection boxes. Free postage-paid boxes are provided to collect and ship the cartridges dropped off at the Transfer Station and Drop Box Sites by County residents.</td>
</tr>
</tbody>
</table>
The above designated recyclables list 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 costs for collecting, processing and transporting 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.

### 3.2.3 Waste Reduction Programs

Previous Solid Waste Management Plan (2002 Update) recommendations focused on facility improvements to decrease operating and transportation costs associated with providing and improving recycling opportunities within the County. Pend Oreille County currently supports recycling and household hazardous waste (Section 5) collection programs at the three transfer station and drop box sites, and helps facilitate independent waste reduction efforts by the business community including:

- Conservation District
- Ponderay Newsprint
- Teck Cominco
- School Districts
- Public Utility District (PUD)

### 3.3 KEY ISSUES

#### 3.3.1 Recycling

The original *Solid Waste Management Plan* (September 1994) provided a summary of recommendations to increase MSW diversion rates, such as establishing a Countywide recycling program by developing a primary recycling facility at South County (Newport), with satellite facilities at Central County (Usk) and North County (Ione). Separated materials from Usk and Ione would be consolidated at the South County (Newport) Transfer Station for processing and transport to market.

Recommended facility improvements and equipment included:

- South County (Newport): covered drop boxes, building space for processing recyclables, impermeable composting pad, contract grinding services, glass bunker and crushing area, fenced metal storage area.
Central County (Usk): covered drop boxes, fenced metal storage area.

North County (Ione): covered drop boxes, impermeable composting pad, contract grinding services, fenced metal storage area.

Equipment: truck with lift, trailer, forklift, scales, baler, drop-boxes, glass crusher, level truck, chipper/shredder, separator, and backhoe/loader.

Although some of these previous plan recommendations have been implemented, providing the public with a broader range of recycling opportunities and total quantities of recyclable materials have increased from 1996 through 2007 (as summarized in Table 3-2 and Figures 3-1 and 3-2), recycling rates have been consistently low (less than 10%) and unchanged by population trends and MSW generation volumes. Recycling has also consistently been an unprofitable operation due to transportation costs incurred by the County, the distance (mileage charge) to markets, and the low value of the materials. However, material prices have continued to increase (although still offset by transportation cost increases from escalating fuel prices), the collection boxes do provide the public with an opportunity to dispose of materials that would otherwise be collected as MSW, incurring additional disposal costs for the County.

Table 3-2

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Newspaper</td>
<td>171,500</td>
<td>161,560</td>
<td>263,420</td>
<td>165,940</td>
<td>177,240</td>
<td>196,220</td>
<td>189,313 (+81%)</td>
<td>104,680</td>
</tr>
<tr>
<td>Corrugated Paper</td>
<td>132,155</td>
<td>178,260</td>
<td>187,490</td>
<td>211,830</td>
<td>233,030</td>
<td>269,490</td>
<td>202,043 (+154%)</td>
<td>79,640</td>
</tr>
<tr>
<td>Aluminum Cans</td>
<td>4,540</td>
<td>2,979</td>
<td>7,322</td>
<td>8,220</td>
<td>4,768</td>
<td>7,410</td>
<td>5,873 (+48%)</td>
<td>3,960</td>
</tr>
<tr>
<td>Tin Cans</td>
<td>10,460</td>
<td>---</td>
<td>8,700</td>
<td>8,820</td>
<td>11,740</td>
<td>18,850</td>
<td>11,714 (+21%)</td>
<td>9,680</td>
</tr>
<tr>
<td>Glass</td>
<td>---</td>
<td>---</td>
<td>29,200</td>
<td>---</td>
<td>86,840</td>
<td>108,660</td>
<td>49,533 (+486%)</td>
<td>10,200</td>
</tr>
<tr>
<td>Other (2)</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>38,516</td>
<td>---</td>
</tr>
<tr>
<td>Totals [tons]</td>
<td>611</td>
<td>571</td>
<td>674</td>
<td>634</td>
<td>676</td>
<td>692</td>
<td>643 (+53%)</td>
<td>420</td>
</tr>
<tr>
<td>MSW Totals [tons]</td>
<td>6,787</td>
<td>7,391</td>
<td>7,516</td>
<td>8,922</td>
<td>8,704</td>
<td>8,124</td>
<td>7,907 (+28%)</td>
<td>6,175</td>
</tr>
<tr>
<td>Recycling Rates</td>
<td>9%</td>
<td>8%</td>
<td>9%</td>
<td>7%</td>
<td>8%</td>
<td>8.5%</td>
<td>8.25% (+18%)</td>
<td>7%</td>
</tr>
</tbody>
</table>

Notes:
Information Sources: POC Annual Recycling Totals, and 2002 SWMP Update
(2) Also recycled in 2008: aluminum radiators (430 pounds), compressors (2,261 pounds), brass (104 pounds), copper (171 pounds), white goods – appliances (16,260 pounds), auto batteries (19,140 pounds), and laser/inkjet cartridges (150 pounds).
Figure 3-1: Comparison of Average Annual Recycling Rates
[weights in tons – logarithmic scale]

Figure 3-2: Annual Recycling Rates by Commodity (2003-2008)
[Weight in pounds – logarithmic scale]
3.3.1.1 Electronic Waste

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 electronics manufacturers that provides 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 (discussed further in subsection 3.3.2 Waste Reduction).

The program was launched in January 2009, and a list of collection sites is available at [www.ecyclewashington.org](http://www.ecyclewashington.org) or call 1-800-Recycle. TVs, computer monitors, desktop computers, and laptop computers are accepted for recycling from specific entities (residents, small businesses, schools, special purpose districts, small government, and charities). Although the 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. Pend Oreille County does not accept these devices for recycling and there are currently no collection sites within the County who accept these products, even for a fee.

3.3.1.2 Composting

Pend Oreille County currently does not divert yard waste from the solid waste stream, because most residents have managed these materials through home based composting and outdoor burning. However, outdoor burning has been banned in all urban growth areas in Washington (since January 1, 2007 and affecting all of the incorporated communities within the County). This outdoor burn ban may increase pressure on the County programs (such as Master Gardeners) to provide yard waste composting, mulching, and vermiculture (worm-based composting) classes and programs to assist residents with other management strategies.

3.3.1.3 Construction, Demolition, and Landclearing (CDL) Debris

Construction, demolition, and land clearing (CDL) debris presents an opportunity for diversion from the solid waste stream by either source separation of recyclable materials (primarily untreated wood and metal) or managing mixed loads at the South County (Deer Valley) Transfer Station. This is discussed further in Section 4.0.

3.3.2 Waste Reduction

The following laws apply to waste reduction and recycling in Washington State:

- Ch. 35.21 RCW – Miscellaneous provisions affecting all cities and towns
- Ch. 36.58 RCW – Solid waste disposal
- Ch. 70.93 RCW – Waste reduction, recycling and model litter control act

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Because waste reduction decreases the economic impacts on local governments for waste collection, processing, marketing, and/or disposal of waste, it is the State’s top priority in the hierarchy for managing solid waste.

The following are general key components of effective waste reduction strategies:

3.3.2.1 Product Stewardship

The concept of product stewardship emphasizes a shared environmental responsibility by:

- Manufacturers who reduce use of toxic substances; design for durability, reuse, and recyclability; and take increasing responsibility for the end-of-life management of products they produce.

- Retailers who support manufacturers who offer sustainable products and greater environmental performance; educate consumers on environmentally preferable products; and enable consumers to return products for recycling.

- Consumers who make responsible buying choices that consider environmental impacts; purchase and use products efficiently; and recycle the products they no longer need.

- Government Agencies who develop cooperative efforts with the business community; use purchasing power to support sustainable products; and support product stewardship legislation for selected products.

There is no single strategy for implementing product stewardship practices. Each product uses different resources, has different environmental impacts, and has different distribution and collection needs.

3.3.2.2 Procurement

Purchasing power provides significant influence on manufacturers to develop sustainable products. Initially, most efforts focused on demanding products made from recycled materials; and the Environmental Protection Agency (EPA) developed a list of designated products and associated recycled-content recommendations for federal agencies to use when making purchases, known as Comprehensive Procurement Guidelines.

Expansion beyond these initial efforts lead to “Environmentally Preferable Purchasing” (EPP) of products typically defined as having a lesser or reduced effect on human health and the

References:
EPA Product Stewardship website at: www.epa.gov/epr/
Product Stewardship Institute (PSI) website at www.productstewardship.us
environment when compared with competing products that serve the same purpose. Product criteria include: recycled content, reduced waste, less energy usage, less toxicity, and more durability.

3.3.2.3 **Internal Waste Reduction Policies**

Local governments and businesses are encouraged to learn more about waste reduction practices and work towards implementing and promoting those practices in the workplace and at home.

3.3.2.4 **Education Programs**

Waste reduction education stresses residential and business product selection based upon: increased product life, reuseable and durable qualities, less packaging, decreased product consumption, more efficient use of resources, opportunities for reuse, less wasteful alternatives, and reduced toxicity.

3.3.2.5 **Business Waste/Materials Exchanges**

Business waste exchanges can offer opportunities for managing hazardous materials and industrial process wastes that cannot be eliminated or reused within the company. Materials exchanges of non-hazardous items are available for residents to use as well. Acting as a liaison between waste generators and potential users, waste exchanges are operated by public (states or local governments) as well as private entities. Increasingly, waste exchanges are making use of the internet to create online databases for sharing information, developing subscriber lists (materials wanted or available), and other data.
## 3.4 ALTERNATIVES

<table>
<thead>
<tr>
<th>Facility and Operational Improvements</th>
<th>Recycling Alternatives</th>
</tr>
</thead>
</table>
| Develop facility and operational improvements to increase recycling and reuse rates within the County. | 1. Obtain a baler and associated equipment and facility infrastructure at Deer Valley Transfer Station.  
2. Provide additional County staff at the Ione Drop Box Site to oversight recycling efforts.  
3. Provide additional recycling drop boxes at selected locations (such as fire stations and schools) within the County.  
4. Encourage Ecology to provide incentives to public/private business partnerships to initiate curbside recycling.  
5. Maintain, monitor, and evaluate the E-waste collection site at the South County Transfer Station.  
6. Develop an “approved” (by County staff) re-useable items area at the transfer station/drop box sites.  
7. Evaluate opportunities for adding additional recyclable materials for collection.  
8. Coordinate with the school districts, local businesses, and post offices to collect mixed paper for recycling.  
9. Seek out other outlets for baled recyclables to optimize transportation costs.  
10. Evaluate adding plastics (as baled recyclable).  
11. Evaluate a “red bag” program for curbside collection of recyclable materials.  
12. Obtain portable recycling bins on trailers to haul behind a pickup for placement at public venues (Poker Paddle, County Fair, etc.). |

| Education |  
| Provide and facilitate public education strategies to increase recycling and reuse rates within the County. | 1. Expand the County website to provide additional information on County programs and regional links.  
2. Provide additional County staff at the Ione Drop Box Site to oversight recycling efforts and assist with public education.  
3. Develop a community service program through the schools to sort onsite generated recyclables and food waste.  
4. Encourage local restaurants and grocery stores to donate food items to charitable organizations and recycle food waste. |

| Administration |  
| Develop mechanisms to maintain economic viability of the solid waste system within the County. | 1. Consider a flow control ordinance for solid waste within the County.  
2. Evaluate fee structure for solid waste disposal to support recycling programs or establish fees for recycling. |
## Recycling Alternatives (cont’d)

<table>
<thead>
<tr>
<th>Composting</th>
<th>Develop a strategy for diverting yard waste and other compostable materials from the solid waste stream.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1. Encourage Master Gardeners to provide yard waste composting and related classes to the public.</td>
</tr>
<tr>
<td></td>
<td>2. Evaluate yard waste collection at the transfer station/drop box sites.</td>
</tr>
<tr>
<td></td>
<td>3. Promote yard waste collection events (spring and fall).</td>
</tr>
<tr>
<td></td>
<td>4. Develop an in-County composting facility.</td>
</tr>
</tbody>
</table>

## Waste Reduction Alternatives

<table>
<thead>
<tr>
<th>Product Stewardship &amp; Procurement</th>
<th>Develop partnerships with private sector organizations to provide reuse and recycling options for select products.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Use purchasing power to influence markets for recovered materials and to encourage product stewardship.</td>
</tr>
<tr>
<td></td>
<td>Support product stewardship efforts.</td>
</tr>
<tr>
<td>1.</td>
<td>Evaluate opportunities with local businesses to implement a program within the County that returns materials to the originators for reuse or recycling.</td>
</tr>
<tr>
<td>2.</td>
<td>Maintain, monitor, and evaluate the E-Waste Collection Site at Deer Valley Transfer Station.</td>
</tr>
<tr>
<td>3.</td>
<td>Facilitate waste reduction efforts within the business community and public agencies within the County.</td>
</tr>
<tr>
<td>4.</td>
<td>Promote the use of EPA’s Comprehensive Procurement Guidelines for reference in purchasing decisions and evaluate employing Environmentally Preferable Purchasing (EPP) practices by County agencies to increase County use of recycled materials and to encourage product stewardship through purchasing power.</td>
</tr>
<tr>
<td>5.</td>
<td>Encourage other public agencies and contractors to evaluate and employ EPP through County contracts and education.</td>
</tr>
<tr>
<td>6.</td>
<td>Support state and national efforts on the local level through participation and information transfer.</td>
</tr>
<tr>
<td>Internal Waste Reduction Practices</td>
<td>Implement in-house waste reduction programs and practices.</td>
</tr>
<tr>
<td>1.</td>
<td>Refer to the following as some examples, and provide internal incentives (such as special recognition) for employee performance.</td>
</tr>
</tbody>
</table>

- Promote electronic communications (instead of paper copies), as much as practicable.
- Double-sided photocopying and printing.
- Promote electronic (rather than paper) information, forms, and applications, as much as practicable.
- Encourage the use of washable and reusable dishes and utensils.
- Utilize rechargeable batteries and recycle.
- Streamline and computerize forms as much as practicable.
- Resort to “on-demand” printing of documents and reports as they are needed.
- Lease long-life products when service agreements support maintenance and repair rather than new purchases.
- Share equipment and occasional use items.
- Choose durable products rather than disposable.
- Reduce product weight or thickness when effectiveness is not jeopardized in products such as, but not limited to, paper and plastic liner bags.
- Buy in bulk, when storage and operations exist to support it.
- Reuse products such as, but not limited to, file folders, storage boxes, office supplies, and furnishings.
- Mulch pruned material from landscapes and use on site.
### Waste Reduction (cont’d)

| Waste Reduction Education | Coordinate and administer waste reduction programs. | 1. Facilitate, coordinate, and enhance current education efforts through the County website, printed materials available at the Courthouse, coordination with the Conservation District programs, school outreach programs, and public events.  
2. Assist with business waste reduction/recycling audit programs. |
|---------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Waste/Materials Exchanges | Coordinate, administer, and promote waste/materials exchanges. | 1. Encourage use of online materials exchange for primarily residential users, such as 2good2toss (www.2good2toss.com) developed by i-WasteNot Online Resource Recovery Systems by including links on the County website.  
2. Assist with and promote business waste exchange audit programs.  
3. Provide additional recycling/waste reduction information and links on the County website. |

### 3.5 RECOMMENDATIONS

The Solid Waste Advisory Committee (SWAC) reviewed the alternatives summarized in Section 3.4 and recommended the following to Pend Oreille County for further action and implementation:

#### 3.5.1 Recycling Alternatives

#### 3.5.1.1 Recommendations for Facility and Operational Improvements

- **Alternative 1:** Obtain a baler and associated equipment and facility infrastructure at Deer Valley Transfer Station.
- **Alternative 4:** Encourage Ecology to provide incentives to public/private business partnerships to initiate curbside recycling.
- **Alternative 5:** Maintain, monitor, and evaluate the E-waste collection site at the South County Transfer Station
- **Alternative 6:** Develop an “approved” (by County staff) re-useable items area at the transfer station/drop box sites.
- **Alternative 7:** Evaluate opportunities for adding additional recyclable materials for collection.
- **Alternative 8:** Coordinate with the school districts, local businesses, and post offices to collect mixed paper for recycling.
- **Alternative 9:** Seek out other outlets for baled recyclables to optimize transportation costs.
- **Alternative 12:** Obtain portable recycling bins on trailers to haul behind a pickup for placement at public venues (Poker Paddle, County Fair, etc.).
3.5.1.2 Education Recommendations

- **Alternative 1:** Expand the County website to provide additional information on County programs and regional links.
- **Alternative 3:** Develop a community service program through the schools to sort onsite generated recyclables and food waste.
- **Alternative 4:** Encourage local restaurants and grocery stores to donate food items to charitable organizations and recycle food waste.

3.5.1.3 Program and Administrative Recommendations

- **Alternative 2:** Evaluate fee structure for solid waste disposal to support recycling programs or establish fees for recycling.

3.5.1.4 Composting Recommendations

- **Alternative 1:** Encourage Master Gardeners to provide yard waste composting and related classes to the public.
- **Alternative 2:** Evaluate yard waste collection at the transfer station/drop box sites.
- **Alternative 3:** Promote yard waste collection events (spring and fall).

3.5.2 Waste Reduction Alternatives

3.5.2.1 Product Stewardship & Procurement Recommendations

- **Alternative 1:** Evaluate opportunities with local businesses to implement a program within the County that returns materials to the originators for reuse or recycling.
- **Alternative 2:** Maintain, monitor, and evaluate the E-Waste Collection Site at Deer Valley Transfer Station.
- **Alternative 3:** Facilitate waste reduction efforts within the business community and public agencies within the County.
- **Alternative 4:** Promote the use of EPA’s Comprehensive Procurement Guidelines for reference in purchasing decisions and evaluate employing Environmentally Preferable Purchasing (EPP) practices by County agencies to increase County use of recycled materials and to encourage product stewardship through purchasing power.
- **Alternative 5:** Encourage other public agencies and contractors to evaluate and employ EPP through County contracts and education.
- **Alternative 6:** Support state and national efforts on the local level through participation and information transfer.

3.5.2.2 Education Recommendations

- **Alternative 1:** Facilitate, coordinate, and enhance current education efforts through the County website, printed materials available at the Courthouse, coordination with the Conservation District programs, school outreach programs, and public events.
3.5.2.3 Waste/Materials Exchanges Recommendations

- **Alternative 1:** Encourage use of online materials exchange for primarily residential users, such as 2good2toss ([www.2good2toss.com](http://www.2good2toss.com)) developed by i-WasteNot Online Resource Recovery Systems by including links on the County website.
- **Alternative 3:** Provide additional recycling/waste reduction information and links on the County website.

The Solid Waste Management Plan Update Implementation Schedule is provided in Section 8.0.
Section 4.0
CONSTRUCTION, DEMOLITION, LANDCLEARING AND INERT WASTE MANAGEMENT

4.1  INTRODUCTION

Disposal of construction, demolition, and land clearing (CDL) debris in limited purpose landfills is regulated under WAC 173-350-400. As alternatives to disposal, CDL offers opportunities for materials recovery and reuse; as well as segregation of inert materials, meeting the criteria described under WAC 173-350-990, for disposal under WAC 173-350-410 (inert waste landfill). Challenges, particularly associated with demolition debris, are related to the presence of hazardous materials that were not removed prior to demolition and hauled to the transfer station for handling by the County. This creates potential human health exposures for workers and liability concerns for the County.

The following sections summarize goals for Pend Oreille County related to management of CDL and inert wastes and recoverable materials, existing conditions, key issues and concerns, alternative strategies for management, and recommendations for implementation.

CDL and inert waste management goals for Pend Oreille County include:

- Minimize disposal of CDL and inert waste through recovery, reuse, and reduction programs.
- Develop and maintain guidelines and management strategies for CDL and inert waste recovery and disposal that are protective of operations staff and the environment.
- Allow opportunities and promote CDL and inert recycling and associated businesses to reduce costs of collection, transfer, disposal, and recovery.
- Include CDL and inert waste reuse and reduction in existing public education programs.

4.2  EXISTING CONDITIONS

Under regulatory definitions, CDL is solid waste (primarily inert) material generated from the demolition of buildings, roads, and other structures. Inert waste, defined as materials resistant to decomposition or degradation (criteria are defined in WAC173-350-990), is permitted for disposal in unlined landfills (permitted under WAC 173-350-410 requirements); whereas CDL must be disposed of in limited purpose landfills (permitted under WAC-173-350-400 requirements) that are constructed with bottom liners and leachate collection systems.
A hauler who collects commercial recycling for recycling purposes must first obtain a common carrier permit (RCW 81.80) from the Utilities and Transportation Commission (UTC) and register as a transporter of recycling material with the Department of Ecology. A hauler of commercial recycling collected and transported to a disposal facility requires a certificate of public convenience and necessity (RCW 81.77).

Table 4-1 summarizes the types of waste materials by regulatory definition and Table 4-2 summarizes current facilities in the area handling CDL and Inert Wastes.

<table>
<thead>
<tr>
<th>Type of Waste Disposal Requirements</th>
<th>Regulatory Definitions</th>
</tr>
</thead>
</table>
**What Is Not Demolition Waste:** Plaster (i.e., sheetrock or plaster board) or any other material, other than wood, that is likely to produce gases or a leachate during the decomposition process, and asbestos wastes. |
| Wood (Land clearing) Debris Limited Purpose Landfills WAC 173-350-400 | **What Is Wood Debris:** Solid waste consisting of wood pieces or particles generated as a by-product or waste from the manufacturing of wood products, construction, demolition, handling and storage of raw materials, trees, and stumps. This includes, but is not limited to, sawdust, chips, shavings, bark, pulp, hogged fuel, and log sort yard waste.  
**What Is Not Accepted As Wood Debris:** Wood pieces or particles containing paint, laminates, bonding agents or chemical preservatives such as creosote, pentachlorophenol, or copper-chrome-arsenate. |
| Inert Waste Inert Landfills WAC 173-350-410 | **What Is Inert Waste:** Cured concrete that has been used for structural and construction purposes, including embedded steel reinforcing and wood, that was produced from mixtures of Portland cement and sand, gravel, or other similar materials; asphaltic materials that have been used for structural and construction purposes (e.g., roads, dikes, paving) that were produced from mixtures of petroleum asphalt and sand, gravel, or other similar materials; brick and masonry that have been used for structural and construction purposes; ceramic materials produced from fired clay or porcelain; glass (composed primarily of sodium, calcium, silica, boric oxide, magnesium oxide, lithium oxide or aluminum oxide) including but not limited to, window glass, glass containers, glass fiber, glasses resistant to thermal shock, and glass-ceramics; stainless steel; and aluminum.  
**What Is Not Considered To Be Inert:** Waste roofing materials or glass containing significant concentrations of lead, mercury, or other toxic substances. |
| Municipal Solid Waste (MSW) Disposal regulated under WAC 173-351 | All solid and semisolid wastes including, but not limited to: garbage, rubbish, ashes, industrial wastes, swill, sewage sludge, demolition and construction wastes (non-recoverable and not meeting requirements for disposal in a limited purpose landfill), abandoned vehicles or parts, contaminated soils and dredged material, and recyclable materials. |
| Hazardous Waste Disposal regulated under WAC 173-303 | All dangerous and extremely hazardous waste, including substances composed of both radioactive and hazardous components. |
### Table 4-2

<table>
<thead>
<tr>
<th>Type of Facility</th>
<th>Name</th>
<th>Contact Numbers</th>
<th>Materials/Services</th>
<th>Operations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limited Purpose Landfill</td>
<td>Graham Road Recycling and Disposal Facility 1820 S. Graham Rd. Medical Lake, WA</td>
<td>509-244-0151</td>
<td>Wood waste, lath and plaster, stumps (6 inches or larger)</td>
<td>Mondays through Fridays, 7:00 a.m. to 4:00 p.m.; go past the main gate of FAFB, first left on Graham Road; ½ mile south on Graham Road, turn right.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Asbestos (24-hour notice required)</td>
<td>Mondays through Fridays, 7:00 a.m. to 2:30 p.m.; must be double-wrapped in 6-mil plastic</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Tires</td>
<td>Call for tire prices</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Petroleum-contaminated soil, creosote-contaminated wood, railroad ties, concrete, asphalt, cardboard, plastics, metals</td>
<td></td>
</tr>
<tr>
<td>Inert Facilities</td>
<td>Diversified Recycling Industry 8716 N. Green St. Spokane, WA</td>
<td>509-467-2823</td>
<td>Rock and dirt</td>
<td>Mondays through Fridays, 7:00 a.m. to 6:00 p.m.; Saturday from 8:00 a.m. to 5:00 p.m.; Sunday from 9:00 a.m. to 3:00 p.m.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Fencing, decking, lumber, pallets, logs, and limbs</td>
<td>These materials are not inert and are reused by Diversified Recycling Industry</td>
</tr>
</tbody>
</table>

It is estimated that up to 10% of the MSW (or about 600 tons) collected at the Transfer Station and Drop Box Sites could be demolition debris and/or inert waste. These materials are often incorporated into MSW loads, commingled by self-haulers and certificated haulers. Recoverable and reuseable demolition debris found on the South County (Newport) Transfer Station tipping floor, when practicable and as time allows, is separated by hand or equipment and stockpiled for reuse.

- Dimensional lumber and wood pallets will be and are separated and stockpiled for reuse.
- Metal pipes, metal roofing, metal electrical boxes, wiring and conduit, and metal appliances are separated and recycled as scrap metals.
- Asphalt roofing, painted and treated wood, carpeting, ceramics, window glass, and unusable furniture will not be separated and will be handled and treated as MSW.
Asphalt, concrete and masonry when encountered in clean loads, will be stockpiled for reuse by the County.

### 4.3 KEY ISSUES

- Limited staffing and revenue sources for implementing special programs.
- Currently no policy or guidelines are in place for certifying which CDL loads do not contain hazardous materials.
- Cost-effective opportunities exist for recovering and reusing many CDL materials which would reduce the costs for disposal as solid waste.
- Potential for County CDL and/or Inert waste landfills.
- Need for a Disaster Management Plan for emergency disposal activities that coordinates with federal, state, and local agency emergency plans.

### 4.4 CDL and INERT WASTE MANAGEMENT ALTERNATIVES

<table>
<thead>
<tr>
<th>Facility and Operational Improvements</th>
<th>Develop management policies for CDL and Inert wastes.</th>
<th>1. Develop acceptance criteria for CDL and Inert waste at the transfer station/drop box sites.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Evaluate options for optimizing diversion of CDL and Inert materials from the solid waste stream.</td>
<td>2. Provide information on the County website and written materials at Planning Department for contractors and residents.</td>
</tr>
<tr>
<td></td>
<td>Ensure that a contingency plan is in place to manage disposal of materials resulting from natural disaster occurrences within the County.</td>
<td>3. Include links to additional information related to hazardous materials in demolition debris and asbestos survey/abatement for commercial and residential use.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Develop CDL and Inert waste collection and source separation facility/operational components at the South County (Deer Valley) Transfer Station and Ione Drop Box Site.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. Evaluate development of a County CDL landfill.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7. Develop a Disaster Debris Management Plan for the County.</td>
</tr>
</tbody>
</table>
Public Education

| Public Education | Provide outreach and education on options for waste reduction and recovery of CDL and Inert waste materials. | 1. Provide information on the County website and written materials at Planning Department for contractors and residents.
2. Include links to additional information related to deconstruction techniques and green building.
3. Evaluate using land use designations, tax/licensing incentives, permitting, siting, and technical assistance for creating a “Market Development Zone” to attract businesses that utilize recyclable materials, remanufacture products, or provide reuse opportunities.

Create and promote markets within the County for recycling and reuse of CDL and Inert wastes. |

Administration

| Administration | Promote CDL and Inert waste diversion within the County through public works projects. | 1. Develop CDL and Inert waste diversion specifications for public works projects.
2. Use recycled content building specifications for public works projects.
3. Develop a CDL and inert waste diversion ordinance.
4. Evaluate financial incentives/disincentives to encourage recovery of CDL and Inert materials. |

| Administration | Promote CDL and Inert waste diversion within the County through public works projects. | 1. Develop CDL and Inert waste diversion specifications for public works projects.
2. Use recycled content building specifications for public works projects.
3. Develop a CDL and inert waste diversion ordinance.
4. Evaluate financial incentives/disincentives to encourage recovery of CDL and Inert materials. |

4.5 RECOMMENDATIONS

The Solid Waste Advisory Committee (SWAC) reviewed the alternatives summarized in Section 4.4 and recommended the following to Pend Oreille County for further action and implementation:

4.5.1 Recommendations for Facility and Operational Improvements

- **Alternative 1**: Develop acceptance criteria for CDL and Inert waste at the transfer station/drop box sites.
- **Alternative 2**: Provide information on the County website and written materials at Planning Department for contractors and residents.
- **Alternative 3**: Include links to additional information related to hazardous materials in demolition debris and asbestos survey/abatement for commercial and residential use.
- **Alternative 4**: Develop CDL and Inert waste collection and source separation facility/operational components at the South County (Deer Valley) Transfer Station and Ione Drop Box Site.
- **Alternative 7**: Develop a Disaster Debris Management Plan for the County.

The Solid Waste Management Plan Update Implementation Schedule is provided in Section 8.0.
Section 5.0
MODERATE RISK WASTE MANAGEMENT

5.1 INTRODUCTION

5.1.1 Regulatory Framework and Guidelines

- Hazardous Waste Management Act (Chapter 70.105 RCW)
- Used Oil Recycling Act (Chapter 70.95I RCW)

Moderate risk wastes (MRW) are hazardous wastes that are exempt or conditionally exempt from the Dangerous Waste Regulations, due to their small quantity\(^9\) or origin as generated from household use. Businesses or institutions generating or accumulating hazardous waste quantities above the small quantity exclusion limits are required to manage the hazardous wastes under more stringent regulatory criteria and requirements. Used oil management requirements were also included in moderate risk waste management strategies in 1991 to address collection sites for recycling and reuse limitations.

5.1.2 MRW Management Goals

- Manage MRW with an emphasis on waste reuse and reduction over disposal.

- Monitor MRW and maintain regulatory procedures for tracking quantities recycled and disposed.

- Provide for cost-effective and efficient collection and transfer of MRW, promote MRW recycling, and establish guidelines and strategies for managing specific MRW streams.

- Continue public outreach and education efforts regarding MRW reuse, reduction, and disposal.

\(^9\) Small quantity generators (SQG’s) are businesses that generate less than 220 pounds per month or per batch for most hazardous wastes (2.2 pounds of acute or extremely hazardous wastes).
5.2 EXISTING CONDITIONS

5.2.1 Facilities and Operations

Household Hazardous Waste (HHW) is the primary component of the Moderate Risk Waste (MRW) stream managed by Pend Oreille County. A Household Hazardous Waste (HHW) collection and processing facility is located at the South County (Newport) Transfer Station (refer to Figures 1-1 and 1-2), with additional collection boxes at the Central County (Usk) and North County (Ione) Drop Box Sites.

Moderate risk waste is collected at each of the three County facilities in leak proof containers. Processing and consolidation occur on a regular basis, either onsite or following transport to the appropriate County or vendor facility. MRW materials managed by Pend Oreille County are transported by County HHW staff 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.

County staff and transfer station operations and disposal contractors monitor incoming solid waste from self-haul and certificated haulers for the presence of commingled solid waste with MRW and the following unacceptable wastes (including but are not limited to):

**Business wastes**

- Medical wastes
- Asbestos
- Radiological wastes
- Explosives
- Ammunition
- Smoldering Wastes

The site attendant records incidents of waste being turned away, by attempting to get the license number and name of customer or certificated hauler attempting to drop off unacceptable wastes, and notifies the County immediately.

All MRW is stored in secured (fenced and gated) areas, and public access is allowed only during facility operational hours. Some products, suitable for reuse, are staged on a “free table”. Longer storage (up to six months), accumulation of the more hazardous items, and MRW processing occurs at the South County (Newport) transfer station MRW facility. The following briefly summarizes standard operating procedures for processing and managing typical materials received at the South County (Newport) facility:

- **Motor Oil**: Recycled into 5-gallon containers, then screened and emptied into 55-gallon drums. The public and County Shop employees pick up drums of used motor oil for fuel source in shop heaters.

- **Antifreeze**: Recycled by the public at the free table or processed and shipped to an appropriate vendor for reuse.
- **Latex paint**: Recycled at the “free table” if useable, or managed as solid waste (5 gallons or less and dry solids only).

- **Oil based paints and flammables**: Oil based paints are made available to the public on the “free table” if they are useable. The remaining are placed into 55-gallon drums and shipped to an appropriate vendor for energy recovery or transported to Spokane County for consolidation with compatible materials.

- **Pesticides, herbicides, and others**: Non-banned items are recycled at the “free table” or processed into packed drums and shipped to Spokane County for consolidation with compatible materials.

- **Refrigerators**: Several hundred refrigerators are collected each year. The County removes and collects the refrigerant gas (Freon) and the compressor oil prior to recycling the hulks as scrap metal. The compressors are placed in leak proof bins and delivered to a metal recycler as a separate item.

- **Batteries**: Stockpiled in leak proof bins and regularly transported to specialty vendors for recycling.

- **E-Waste**: The County has recently agreed to accept limited types of electronic devices at the South County (Deer Valley) Transfer Station. The accepted electronic devices are placed on pallets, shrink-wrapped, and stored until transported off-site.

### 5.2.2 Staff Training

The MRW operations manager/technician has attended available training courses and continues to participate in MRW (as well as MSW and recycling) educational and training opportunities when available in the region.

### 5.2.3 Program Budget

The County MRW program adds a relatively nominal expense component to the overall per ton cost for MSW disposal. Staffing is a full-time position (MRW management shared 50/50 with recycling management responsibilities), and is supported by state grant programs. Most of the collected items are recycled, so MRW disposal costs are nominal. The greatest costs are associated with managing refrigerators and packed drums. Previous grant programs funded existing facilities; and although there is always potential for improvements, the actual facility needs are limited.

### 5.2.4 Household Hazardous Waste Quantities

The majority of collected materials include: automotive waste (oil, filters, antifreeze, and batteries) and paint wastes (solvents, thinners, preservatives, oil and latex paints). Additional wastes typically include: gardening products (pesticides and herbicides), household cleaners, glues, adhesives, and flammables. All wastes are transported to the South County (Deer Valley)
Transfer Station MRW facility and processed for reuse or shipment. Table 5-1 and Figure 5-2 summarize estimated annual quantities of MRW (primarily used oil and HHW) managed by the County.

Table 5-1: Annual Moderate Risk Waste Collection Summary

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Used Oil</td>
<td>pounds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>37,119</td>
<td>18,936</td>
<td>22,115</td>
<td>17,111</td>
<td>30,455</td>
<td>25,826</td>
<td>26,554</td>
<td>25,445</td>
</tr>
<tr>
<td>Oil Filters</td>
<td>pounds</td>
<td>79</td>
<td>86</td>
<td>89</td>
<td>66</td>
<td>80</td>
<td>58</td>
<td>78</td>
</tr>
<tr>
<td>Antifreeze</td>
<td>pounds</td>
<td>2,600</td>
<td>2,770</td>
<td>1,952</td>
<td>2,456</td>
<td>4,088</td>
<td>3,208</td>
<td>4,128</td>
</tr>
<tr>
<td>Auto Batteries</td>
<td>pounds</td>
<td>27,720</td>
<td>25,026</td>
<td>16,975</td>
<td>15,820</td>
<td>23,660</td>
<td>17,640</td>
<td>18,241</td>
</tr>
<tr>
<td>Latex Paint</td>
<td>pounds</td>
<td>11,288</td>
<td>10,483</td>
<td>10,533</td>
<td>10,920</td>
<td>20,221</td>
<td>15,920</td>
<td>23,823</td>
</tr>
<tr>
<td>Oil Paint</td>
<td>pounds</td>
<td>8,313</td>
<td>7,800</td>
<td>9,842</td>
<td>7,884</td>
<td>13,475</td>
<td>12,573</td>
<td>11,533</td>
</tr>
<tr>
<td>Rechargeable Batteries (1)</td>
<td>pounds</td>
<td>98</td>
<td>131</td>
<td>115</td>
<td>146</td>
<td>362</td>
<td>840</td>
<td>823</td>
</tr>
<tr>
<td>Old Gasoline (2)</td>
<td>pounds</td>
<td>262</td>
<td>487</td>
<td>120</td>
<td>130</td>
<td>855</td>
<td>553</td>
<td>230</td>
</tr>
<tr>
<td>Total Weight (3)</td>
<td>pounds</td>
<td>87,479</td>
<td>65,719</td>
<td>61,741</td>
<td>54,533</td>
<td>93,196</td>
<td>76,600</td>
<td>85,410</td>
</tr>
<tr>
<td></td>
<td>tons</td>
<td>43.7</td>
<td>32.9</td>
<td>30.9</td>
<td>27.3</td>
<td>46.6</td>
<td>38.3</td>
<td>42.7</td>
</tr>
</tbody>
</table>

NOTES:
Information Source: Pend Oreille County - Annual Household Hazardous Waste Collection Reports.
(1) Increases observed from 2005-2006 and 2006-2007 attributed to changes in personnel and now including weights of dry cells.
(2) Source(s) of increases observed in 2006-2007 unknown.
(3) Total excludes collected minimal quantities of pesticides, herbicides, solvents, flammables, acids and bases.

Figure 5-2
5.2.5 Small-Quantity Generators

As limited resources allow, Pend Oreille County provides ongoing assistance to citizens and small businesses to minimize the generation of hazardous materials and appropriate management of wastes that are generated. Activities include: ongoing educational assistance at the MRW Facility (Deer Valley Transfer Station), information provided on the County website and at the transfer station, and availability of onsite technical assistance (field audits) for small businesses, commercial, and industrial generators in waste reduction and management strategies. Materials not accepted at the MRW facility are typically referred to hazardous waste collection facilities in Spokane County.

5.2.6 Regulated Generators

The federal Resource Conservation and Recovery Act (RCRA) and the Washington State Hazardous Waste Management Act (HWMA, Chapter 70.105 RCW) regulate hazardous waste from the point of generation to final disposal (“cradle to grave”). Generators of regulated quantities of hazardous waste, transporters of hazardous wastes, or owner/operators of TSD (treatment, storage, disposal) facilities must obtain an EPA/state identification number which has associated regulatory requirements including annual reporting describing hazardous waste management activities.

There are a limited number of industrial and commercial businesses in Pend Oreille County that generate hazardous waste in quantities requiring special handling, transport, disposal, and reporting, summarized in the following (Sources: Washington State Department of Ecology Database, 11/2008 and RCRAINFO database queries, 11/2008):

South Pend Oreille County

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Regulatory Permit Numbers</th>
<th>Type of Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Valley Mfg.</td>
<td>RCRA ID#:</td>
<td>Boat Building and Repairing</td>
</tr>
<tr>
<td>3335 Spring Valley Rd. Newport</td>
<td>Ecology ID#: 41399753</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emergency &amp; Hazardous Chemical Inventory Report</td>
<td></td>
</tr>
<tr>
<td>WSDOT</td>
<td>RCRA ID#:</td>
<td>Transportation</td>
</tr>
<tr>
<td>806 W. Spokane Hwy SR 2 Newport</td>
<td>Ecology ID#: 84852532</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emergency &amp; Hazardous Chemical Inventory Report</td>
<td></td>
</tr>
<tr>
<td>C &amp; D Zodiac</td>
<td>RCRA ID#: WAH000011197</td>
<td>Aircraft Parts and Equipment</td>
</tr>
<tr>
<td>501 N. Newport Ave. Newport</td>
<td>Large Generator</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ecology ID#: 29232489</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Air Quality Permit, Hazardous Waste Generator</td>
<td></td>
</tr>
<tr>
<td>Unocal Bulk Plant 0528</td>
<td>RCRA ID#: WAD988495735</td>
<td>Petroleum Bulk Station and Terminal</td>
</tr>
<tr>
<td>1st and Pine SW Cor. Newport</td>
<td>Ecology ID#: 17342596</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emergency &amp; Hazardous Chemical</td>
<td></td>
</tr>
</tbody>
</table>
### Central Pend Oreille County

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Regulatory Permit Numbers</th>
<th>Type of Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ponderay Newsprint Company</td>
<td>RCRA ID#: WAD982657975&lt;br&gt;Conditionally Exempt Small Generator, Used Oil Program&lt;br&gt;92628392 –Air Quality Permit, Hazardous Waste Generator, Emergency &amp; Hazardous Chemical Inventory Report, Toxics Release Inventory, Water Quality Permit</td>
<td>Newsprint Mill</td>
</tr>
<tr>
<td>USAF – Fairchild AFB – Cusick</td>
<td>RCRA ID#: WA4570000162&lt;br&gt;Ecology ID#: 3347859&lt;br&gt;Emergency &amp; Hazardous Chemical Inventory Report, Toxics - UST</td>
<td>Military Training Facility</td>
</tr>
<tr>
<td>Vaagen (Ponderay Valley Fibre)</td>
<td>RCRA ID#: WAD988524088&lt;br&gt;Conditionally Exempt Small Generator&lt;br&gt;Ecology ID#:</td>
<td>Wood Product Manufacturing</td>
</tr>
<tr>
<td>S&amp;S Coatings at Northwest Steel Fab., Inc.</td>
<td>RCRA ID#: WAR000012419&lt;br&gt;Ecology ID#:</td>
<td>Metal Coating, Engraving, and Allied services to Manufacturers</td>
</tr>
</tbody>
</table>

### North Pend Oreille County

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Regulatory Permit Numbers</th>
<th>Type of Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSDOT – Ione</td>
<td>RCRA ID#:</td>
<td>Transportation</td>
</tr>
<tr>
<td>Box Canyon Dam</td>
<td>RCRA ID#: WAD988496501&lt;br&gt;Conditionally Exempt Small Generator&lt;br&gt;Ecology ID#: 24564629&lt;br&gt;Hazardous Waste Generator, Toxics - UST</td>
<td>Hydroelectric Power Generation - Dam</td>
</tr>
<tr>
<td>BPA Metaline Radio Site</td>
<td>Ecology ID#: 82694682&lt;br&gt;Emergency &amp; Hazardous Chemical Inventory Report</td>
<td>Government Facility</td>
</tr>
</tbody>
</table>
## North Pend Oreille County (cont’d)

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Regulatory Permit Numbers</th>
<th>Type of Facility</th>
</tr>
</thead>
</table>
| Seattle City Light – Boundary Dam Hydroelectric | **RCRA ID#: WAD988511135**  
Conditionally Exempt Small Generator  
**Ecology ID#: 1745757**  
Emergency & Hazardous Chemical Inventory Report  
**Ecology ID#: 12977115**  
Hazardous Waste Generator, Toxics – UST | Hydroelectric Power Generation - Dam |
| Pend Oreille Mine 1382 Pend Oreille Mine Rd. Metaline Falls | **RCRA ID#: WA0000897645**  
Large Generator  
**Ecology ID#: 15428546**  
Toxics (enforcement, cleanup site), Water Quality Permits, Hazardous Waste Generator | Lead Ore and Zinc Ore Mining |
| Lehigh Portland Cement Co. Metaline Falls | **RCRA ID#: WAR000004598**  
**Ecology ID#: 58794555**  
Hazardous Waste Generator, Toxics cleanup site  
**Ecology ID#: 16536919**  
Toxics – UST | Cement Manufacturing |
| LaFarge North America, Inc. 210 East 3rd Ave. Metaline Falls | **RCRA ID#: WAD009063116**  
**Ecology ID#:** | Cement Manufacturing |
| Pend Oreille Valley Railroad I Metaline Falls | **RCRA ID#: WAD099038887**  
**Ecology ID#:** | Line-Haul Railroad |
| Pintlar Corp. – Pend Oreille Mine S10,11, 14, 15, T39N, R43E Metaline Falls | **RCRA ID#: WAD980738587**  
**Ecology ID#:** | Lead Ore and Zinc Ore Mining |
| RFI West Side Yellowhead Mine T39N, R43E, S16 Metaline Falls | **RCRA ID#: WAD988479382**  
**Ecology ID#:** | Lead Ore and Zinc Ore Mining |
| Robinson Excavating & Trucking 301 Lehigh Circle Metaline Falls | **RCRA ID#: WAH000014860**  
**Ecology ID#:** | Foundation, Structure, and Building Exterior Contractor |
5.3 KEY ISSUES

The primary focus of MRW management is toxicity reduction of disposed wastes, achieved through the following areas of emphasis:

- Household and public education.
- Household hazardous waste collection.
- Business technical assistance.
- Business collection assistance.
- Enforcement.

5.4 MODERATE RISK WASTE ALTERNATIVES

<table>
<thead>
<tr>
<th>Public Education</th>
<th>Expand public education programs to reduce the generation of MRW and alternative products.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Provide education on the risks associated with mercury in the waste stream such as disposal of thermometers and light ballasts.</td>
</tr>
<tr>
<td>1.</td>
<td>Provide MRW generation reduction information on the County Website.</td>
</tr>
<tr>
<td>2.</td>
<td>Provide printed materials (MRW reduction and alternative products) to be available at the transfer station, drop box sites, and Public Works building.</td>
</tr>
<tr>
<td>3.</td>
<td>Continue with the “free table” at the South County (Deer Valley) household hazardous waste facility to reuse appropriate products as alternatives to disposal.</td>
</tr>
<tr>
<td>4.</td>
<td>Access Washington Toxics Coalition’s Home Safe Home Program website for additional information on alternatives to hazardous household products.</td>
</tr>
<tr>
<td>5.</td>
<td>Work with certificated haulers to develop waste acceptance protocols and an information summary that could be provided to residential and commercial customers.</td>
</tr>
<tr>
<td>7.</td>
<td>Provide information on the risks of mercury in the waste stream on the County Website.</td>
</tr>
<tr>
<td>8.</td>
<td>Provide printed materials, or a sign/poster, on the risks of mercury in the waste stream to be available at the transfer station, drop box sites, and Public Works building.</td>
</tr>
</tbody>
</table>
5.5  RECOMMENDATIONS

The Solid Waste Advisory Committee (SWAC) reviewed the alternatives summarized in Section 5.4 and recommended the following to Pend Oreille County for further action and implementation:

5.5.1 Recommendations for Public Education:

- **Alternative 1**: Provide MRW generation reduction information on the County Website.
- **Alternative 2**: Provide printed materials (MRW reduction and alternative products) to be available at the transfer station, drop box sites, and Public Works building.
- **Alternative 3**: Continue with the “free table” at the South County (Deer Valley) household hazardous waste facility to reuse appropriate products as alternatives to disposal.
- **Alternative 4**: Access Washington Toxics Coalition’s Home Safe Home Program website for additional information on alternatives to hazardous household products.
- **Alternative 5**: Work with certificated haulers to develop waste acceptance protocols and an information summary that could be provided to residential and commercial customers.
- **Alternative 6**: Provide a collection location at the Deer Valley Household Hazardous Waste Facility for mercury waste products.
- **Alternative 7**: Provide information on the risks of mercury in the waste stream on the County Website.
- **Alternative 8**: Provide printed materials, or a sign/poster, on the risks of mercury in the waste stream to be available at the transfer station, drop box sites, and Public Works building.
5.5.2 Recommendations for Improvements in Household Hazardous Waste Collection:

- **Alternative 1**: Maintain collection of household hazardous waste at the South County (Deer Valley) transfer station and Central and North County drop box sites.
- **Alternative 3**: Continue to evaluate HHW facility operations for ways to increase efficiency and revenue, while decreasing expenses.

5.5.3 Recommendations for Improvements in Business Technical and Collection Assistance:

- **Alternative 1**: Maintain collection and processing of used oil within the County, and continue with existing reuse program.
- **Alternative 3**: Provide information to businesses and agencies inquiring about waste reduction, collection, and disposal of MRW and hazardous waste within the County.
- **Alternative 5**: Enhance load inspection capabilities by certificated haulers and transfer station and drop box site attendants.

The Solid Waste Management Plan Update Implementation Schedule is provided in Section 8.0.
Section 6.0
SPECIAL WASTES

6.1 INTRODUCTION

Special wastes are a category of generated waste materials that, in accordance with WAC 173-303-073\textsuperscript{10}, "pose a relatively low hazard to human health and the environment...and can be safely managed with a level of protection that is intermediate between dangerous and nondangerous solid wastes". Special wastes are conditionally excluded from dangerous waste requirements, but require specific management strategies that are typically outside municipal solid waste (MSW) collection, processing, transport and disposal. In Pend Oreille County, identified special wastes, and associated management strategies include the following:

6.2 EXISTING CONDITIONS

6.2.1 Biosolids

Biosolids are sewage sludge, generated from municipal wastewater treatment plant process (not industrial sludge), and septage (septic tank sludge) that can be beneficially recycled and meets all requirements under chapter 70.95J RCW.\textsuperscript{11} Currently, septic tank sludge and treated municipal wastewater sludge generated within the County are land applied under a permit from Ecology and incidental solids (rags, scum, etc.) are drained and bagged and disposed of as solid waste at the South County Transfer Station.

6.2.2 Biomedical Wastes

Biohazard wastes generated from medical facilities are collected at the clinics and hospitals and managed through a private medical waste contractor. The community medical facilities also accept "sharps" dropped off by residents and provide free empty containers to any member of the community to use for proper sharps disposal. Animal carcasses are not handled by the County, but are included in Disaster Debris Management Planning.

6.2.3 Asbestos

Asbestos residuals from demolition activities are not handled through the County facilities. They are managed by the generator, and the nearest disposal location is in Spokane County (refer to Section 4.0).

\textsuperscript{11}Chapter 173-351 WAC – Criteria for Municipal Solid Waste Landfills.
6.2.4 Petroleum Contaminated Soil (PCS) and Sludge

The County does not handle petroleum contaminated soil or sludge from oil/water separators. These materials are managed by the generator and the nearest disposal location is in Spokane County (refer to Section 4.0).

6.2.5 Tires

The County accepts limited quantities of tires at the transfer station and drop box sites for a fee (refer to Section 3.0). A $200 to $2,000 civil penalty is imposed, if tires are disposed of on private or public lands, and illegal stockpiles are reported to Northeast Tri-County Health District for enforcement. Options for managing used tires and permitted (WAC 173-350-350) storage facilities (for removing large quantities of tires) are summarized at the following link: http://www.ecy.wa.gov/programs/swfa/facilities/tire.html.

6.2.6 Auto Hulks and Parts

In the past, the County sponsored annual collection events, but the service is now provided on a more intermittent basis. Also, for a period of time, an outside contractor provided County-wide auto hulk removal, and the County provided space to store auto hulks and parts on County property near the Deer Valley Transfer Station. The contractor consolidated the collected auto hulks and parts until an economically viable volume was reached to mobilize crushing and transport equipment. This practice has been discontinued, and the contractor is in the process of removing all materials from County property.

6.2.7 Restaurant Generated Oil and Grease

Oil and grease generated from local restaurants is currently not managed by the County.

6.3 ALTERNATIVES

1. Continue to provide public information on management strategies and locations that handle special wastes.

2. Continue to collect tires at the transfer stations.

3. Continue to have commercial haulers audit the waste stream contents of participating business and residential users of collection services.

4. Provide basic assistance to individuals and businesses within the County for collection strategies and staging locations for auto hulks.

5. Provide basic assistance to businesses within the County for managing cooking oil and grease wastes.
6. Periodically review and amend County acceptance criteria and management protocols, related to Special Wastes, for users of the transfer station and drop box sites.

6.4 RECOMMENDATIONS

The Solid Waste Advisory Committee (SWAC) reviewed the alternatives summarized in Section 6.3 and recommended the following alternatives to Pend Oreille County for further action and implementation:

- **Alternative 1**: Continue to provide public information on management strategies and locations that handle special wastes.

- **Alternative 2**: Continue to collect tires at the transfer stations.

- **Alternative 3**: Continue to have commercial haulers audit the waste stream contents of participating business and residential users of collection services.

- **Alternative 4**: Provide basic assistance to individuals and businesses within the County for collection strategies and staging locations for auto hulks.

- **Alternative 5**: Provide basic assistance to businesses within the County for managing cooking oil and grease wastes.

- **Alternative 6**: Periodically review and amend County acceptance criteria and management protocols, related to Special Wastes, for users of the transfer station and drop box sites.

The Solid Waste Management Plan Update Implementation Schedule is provided in Section 8.0.
Pend Oreille County
Solid Waste Management Plan Update

Section 7.0
BUDGET

7.1 INTRODUCTION

Budget goals are to attain an economically sustainable program for solid waste management and meet all applicable regulatory requirements. Approximately 88% of the solid waste revenues come from tipping fees, with the remaining 12% generated from grants (8%), recycling revenue (2-3%) and solid waste taxes. Approximately 80% of the expenditures go towards contracted disposal, long haul transport and operations, with the remaining balance (20%) spent on county operations and taxes. Table 7-1 provides a summary of the solid waste budget for 2005 through 2008.

Table 7-1: Solid Waste Budget (Actuals)

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>REVENUE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disposal (Tipping) Fees</td>
<td>$717,279</td>
<td>$771,694</td>
<td>$836,651</td>
<td>$795,516</td>
</tr>
<tr>
<td>Recycling Revenue</td>
<td>$18,004</td>
<td>$19,113</td>
<td>$26,822</td>
<td>$42,066</td>
</tr>
<tr>
<td>Solid Waste Grants</td>
<td>$79,388</td>
<td>$77,522</td>
<td>$59,871</td>
<td>$81,589</td>
</tr>
<tr>
<td>Solid Waste Taxes</td>
<td>$12,708</td>
<td>$12,113</td>
<td>$13,662</td>
<td>$12,300</td>
</tr>
<tr>
<td>Other</td>
<td>$950</td>
<td>$548</td>
<td>$894</td>
<td>$867</td>
</tr>
<tr>
<td>Interfund Charges</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>$2,282</td>
</tr>
<tr>
<td>Recycle Building Grant</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>$105,328</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>$828,328</td>
<td>$880,992</td>
<td>$937,901</td>
<td>$1,039,948</td>
</tr>
<tr>
<td><strong>EXPENDITURES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disposal, Long Haul &amp; Operations</td>
<td>$619,614</td>
<td>$759,556</td>
<td>$727,322</td>
<td>$685,717</td>
</tr>
<tr>
<td>County Operations (P/R, supplies, other services)</td>
<td>$95,145</td>
<td>$131,160</td>
<td>$141,452</td>
<td>$138,692</td>
</tr>
<tr>
<td>Refuse Tax</td>
<td>$9,518</td>
<td>$12,805</td>
<td>$15,749</td>
<td>$12,359</td>
</tr>
<tr>
<td>B&amp;O Tax</td>
<td>$9,626</td>
<td>$11,778</td>
<td>$9,282</td>
<td>$11,918</td>
</tr>
<tr>
<td>Equity Transfer (Loan Payments)</td>
<td>$25,000</td>
<td>$25,000</td>
<td>----</td>
<td>----</td>
</tr>
<tr>
<td>Interfund Payments</td>
<td>$8,976</td>
<td>$7,145</td>
<td>----</td>
<td>$13,596</td>
</tr>
<tr>
<td>Recycle Building and Equipment</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>$217,871</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>$767,879</td>
<td>$947,444</td>
<td>$893,805</td>
<td>$1,080,153</td>
</tr>
<tr>
<td><strong>NET</strong></td>
<td>$60,450</td>
<td>($66,452)</td>
<td>$44,095</td>
<td>($40,205)</td>
</tr>
</tbody>
</table>
The contracted disposal, transport and operations expenditures increase annually with the Consumer Price Index (CPI), while the revenue increases with tipping fee changes that are dependent upon County Commissioner approval. Tipping fee increases occur on an approximate 3- to 4-year cycle, with the history provided in Table 7-2 and Figure 7-1 for years 1995 through 2009.

### Table 7-2: Regional Disposal and County Fees

<table>
<thead>
<tr>
<th>Year</th>
<th>Consumer Price Index (CUUR0400SA0, CUUS0400SA0) September values</th>
<th>Regional Disposal Fee [per ton] (Expenditure)</th>
<th>County Tipping Fee [per ton] (Revenue)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>$43.33</td>
<td>$65.00</td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>$44.19</td>
<td>$65.00</td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td>$45.28</td>
<td>$65.00</td>
<td></td>
</tr>
<tr>
<td>1998</td>
<td>165.1</td>
<td>$46.13</td>
<td>$70.00</td>
</tr>
<tr>
<td>1999</td>
<td>170.0</td>
<td>$46.86</td>
<td>$70.00</td>
</tr>
<tr>
<td>2000</td>
<td>176.6</td>
<td>$47.71</td>
<td>$70.00</td>
</tr>
<tr>
<td>2001</td>
<td>182.5</td>
<td>$49.29</td>
<td>$70.00</td>
</tr>
<tr>
<td>2002</td>
<td>185.7</td>
<td>$50.69</td>
<td>$80.00</td>
</tr>
<tr>
<td>2003</td>
<td>189.6</td>
<td>$51.45</td>
<td>$80.00</td>
</tr>
<tr>
<td>2004</td>
<td>193.8</td>
<td>$52.37</td>
<td>$80.00</td>
</tr>
<tr>
<td>2005</td>
<td>201.7</td>
<td>$53.36</td>
<td>$80.00</td>
</tr>
<tr>
<td>2006</td>
<td>207.8</td>
<td>$55.21</td>
<td>$92.00</td>
</tr>
<tr>
<td>2007</td>
<td>212.92</td>
<td>$56.63</td>
<td>$92.00</td>
</tr>
<tr>
<td>2008</td>
<td>222.132</td>
<td>$57.82</td>
<td>$92.00</td>
</tr>
<tr>
<td>2009</td>
<td>220.294</td>
<td>$59.95</td>
<td>$92.00</td>
</tr>
</tbody>
</table>

**Figure 7-1**

![Graph showing CPI, regional disposal fee, and county tipping fee over years 1995 to 2009]
The Consumer Price Index (CPI) measures the average changes in prices over time of goods and services purchased for personal consumption by urban U.S. households, and consists of the generalized items listed below for urban west consumers:

- **FOOD AND BEVERAGES** (breakfast cereal, milk, coffee, chicken, wine, full service meals, snacks)
- **HOUSING** (rent of primary residence, owners' equivalent rent, fuel oil, bedroom furniture)
- **APPAREL** (men's shirts and sweaters, women's dresses, jewelry)
- **TRANSPORTATION** (new vehicles, airline fares, gasoline, motor vehicle insurance)
- **MEDICAL CARE** (prescription drugs and medical supplies, physicians' services, eyeglasses and eye care, hospital services)
- **RECREATION** (televisions, toys, pets and pet products, sports equipment, admissions);
- **EDUCATION AND COMMUNICATION** (college tuition, postage, telephone services, computer software and accessories);
- **OTHER GOODS AND SERVICES** (tobacco and smoking products, haircuts and other personal services, funeral expenses).

The CPI is used to adjust the annual solid waste disposal and operations contract and is not representative of actual cost increases for a solid waste disposal operator. Landfill space is primarily a sunk cost and fixed component, with the operations and transportation components being variable and increasing over time. The urban west CPI is used because there is no rural west or rural CPIs. There are component CPIs that can be segregated, such as transportation, but the multi-year averages are similar and the contract would be subject to greater upward and downward spikes on an annual basis.

The Producer Price Index (PPI) program measures the average change over time in the selling prices received by domestic producers for their output. The prices included in the PPI are from the first commercial transaction for many products and some services and tracks the average change in prices over time of domestically produced and consumed commodities. The index is comprised of prices for both consumer goods and capital equipment, but excludes prices for most services (does include solid waste collection).

Table 7-3 summarizes current year (2009) tipping fees for municipal solid waste and moderate risk waste (household hazardous waste).
Table 7-3: Current (2009) Solid Waste Disposal Rates

<table>
<thead>
<tr>
<th>Solid Waste Disposal Rates</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>North and South County Transfer Stations</strong></td>
<td></td>
</tr>
<tr>
<td>Solid Waste (per ton)</td>
<td>$92.00 + Tax</td>
</tr>
<tr>
<td>Minimum</td>
<td>$4.60 + Tax</td>
</tr>
<tr>
<td><strong>Central County Transfer Station</strong></td>
<td></td>
</tr>
<tr>
<td>Solid Waste (per cubic yard)</td>
<td>$15.00 + Tax</td>
</tr>
<tr>
<td>Minimum</td>
<td>$4.60 + Tax</td>
</tr>
<tr>
<td><strong>All Transfer Stations</strong></td>
<td></td>
</tr>
<tr>
<td>Scrap Metal: clean and separated</td>
<td>Free</td>
</tr>
<tr>
<td>Newspaper: clean and separated</td>
<td>Free</td>
</tr>
<tr>
<td>Cardboard: clean and separated</td>
<td>Free</td>
</tr>
<tr>
<td>Metal Cans: clean and separated</td>
<td>Free</td>
</tr>
<tr>
<td>Container Glass: clean</td>
<td>Free</td>
</tr>
<tr>
<td>Freon Charge per Appliance</td>
<td>$20.00 + Tax</td>
</tr>
<tr>
<td>Tires: 3 or more (each)</td>
<td>$20.00 + Tax</td>
</tr>
<tr>
<td><strong>Household Hazardous Waste</strong></td>
<td></td>
</tr>
<tr>
<td>5 gallons or less</td>
<td>Free</td>
</tr>
<tr>
<td>6 gallons or more (per gallon)</td>
<td>$20.00 per gallon</td>
</tr>
</tbody>
</table>

**NOTES**
1. South County Scale weighs in 20-pound increments.
2. North County Scale weighs in 10-pound increments.
3. Usk fees based on cubic yard measurements.
4. Refuse tax is currently 3.6%.

Table 7-4 provides a budget forecast for years 2009 through 2015, projecting a required tipping fee increase in 2010. Tipping fees have historically increased about every 4 - 5 years by 10%-15% and are driven by disposal fee increases (about 3% annually), increased solid waste generation volumes, and uncertainties associated with recycling revenues/expenditures and grant funding availability.
## Table 7-4: Pend Oreille County Solid Waste Budget Forecast (2009-2015)

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Refuse Weight [Tons]</td>
<td>8,124</td>
<td>8,334</td>
<td>8,549</td>
<td>8,769</td>
<td>8,995</td>
<td>9,227</td>
<td>9,466</td>
<td>9,710</td>
</tr>
<tr>
<td>Disposal and Long Haul Rate/Ton</td>
<td>$84.75</td>
<td>$85.10</td>
<td>$85.45</td>
<td>$85.80</td>
<td>$86.15</td>
<td>$86.50</td>
<td>$86.86</td>
<td></td>
</tr>
<tr>
<td>Local Operational Cost Rate/Ton</td>
<td>$20.14</td>
<td>$20.22</td>
<td>$20.31</td>
<td>$20.39</td>
<td>$20.47</td>
<td>$20.56</td>
<td>$20.64</td>
<td></td>
</tr>
<tr>
<td>Local Tipping Cost Estimate/Ton</td>
<td>$104.89</td>
<td>$105.32</td>
<td>$105.75</td>
<td>$106.19</td>
<td>$106.62</td>
<td>$107.06</td>
<td>$107.50</td>
<td></td>
</tr>
<tr>
<td>Projected Tipping Fee [Per Ton]</td>
<td>$92</td>
<td>$92</td>
<td>$105</td>
<td>$105</td>
<td>$105</td>
<td>$105</td>
<td>$105</td>
<td>$105</td>
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</tbody>
</table>

### REVENUE FORECAST

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th>$766,691</th>
<th>$797,604</th>
<th>$820,762</th>
<th>$844,517</th>
<th>$868,886</th>
<th>$933,883</th>
<th>$1,019,525</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycling Revenue</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td>$75,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taxes Collected</td>
<td>$12,650</td>
<td>$14,810</td>
<td>$15,193</td>
<td>$15,585</td>
<td>$15,987</td>
<td>$16,399</td>
<td>$16,822</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Expected Revenue</td>
<td>$898,511</td>
<td>$1,033,792</td>
<td>$1,059,651</td>
<td>$1,086,233</td>
<td>$1,113,561</td>
<td>$1,141,655</td>
<td>$1,170,539</td>
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<tr>
<td>Excluding SW Grants</td>
<td>$823,511</td>
<td>$958,792</td>
<td>$984,651</td>
<td>$1,011,233</td>
<td>$1,038,561</td>
<td>$1,066,655</td>
<td>$1,095,539</td>
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</table>

### EXPENDITURES FORECAST

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th>$685,717</th>
<th>$706,289</th>
<th>$727,477</th>
<th>$749,301</th>
<th>$771,781</th>
<th>$794,934</th>
<th>$818,782</th>
<th>$843,345</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disposal and Long Haul Costs</td>
<td>$162,969</td>
<td>$167,858</td>
<td>$172,894</td>
<td>$178,081</td>
<td>$183,423</td>
<td>$188,926</td>
<td>$194,594</td>
<td>$200,431</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Expected Expenditures</td>
<td>$874,147</td>
<td>$900,371</td>
<td>$927,382</td>
<td>$955,204</td>
<td>$983,860</td>
<td>$1,013,375</td>
<td>$1,043,777</td>
<td></td>
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</tr>
</tbody>
</table>

### NET TOTALS

|                      | $24,364     | $133,421      | $132,269      | $131,030       | $129,701       | $128,279       | $126,762       |                |                |                |                |

### EXCLUDING SOLID WASTE GRANTS

|                      | ($50,636)  | $58,421       | $57,269       | $56,030        | $54,701        | $53,279        | $51,762        |                |                |                |                |

### Assumptions:

1) Weight based on 2008 actual Regional Disposal weight, adjusted for future population growth (assuming a 2.58% annual increase).
2) Disposal, long haul, and operating cost estimates are based on 2008 actual total cost, with a 3% annual increase.
3) Local operation cost estimates are based on 2008 actual total (excluding recycling building/equipment capital costs), with a 3% annual increase.
4) POC 2009 tipping fee increasing to $105 in 2010.
5) Disposal revenue is total refuse weight times tipping fee rate.
6) Recycling revenue estimates are based on 2008 actual total, with a 5% annual increase.
7) Grant revenue average (2005 – 2008), with no projected increases (2008 grant for recycling building and equipment excluded).
8) Taxes collected are 1.65% of expected disposal fees.
9) Interfund payments and charges are excluded.
7.2 KEY ISSUES

- The current transfer facilities and landfill closures were constructed with revenue from County timber sales, with this source of funding no longer available. More recent improvements have been made with grant dollars and it is expected that grant funding or some other mechanism of generating revenue will be needed for future capital improvements. Additional budget stability issues include nonpayment or slow payment of account receivables, dependence upon shifting grant sources and amounts, and future unfunded regulatory requirements and enforcement issues.

- It is possible with increased revenue from recycling and reduction of long haul and disposal expenditures through the use of diversion (recycling, CDL, and inert waste) that tipping fee increases may occur at a slower pace and capital improvements may be financed with solid waste revenues.

- Currently, the CPI is used to adjust the annual solid waste disposal and operations contract and is not representative of actual cost increases for a solid waste disposal operator. Landfill space is primarily a sunk cost and fixed component, with the operations and transportation components being variable and increasing over time. The urban west CPI is used because there is no rural west or rural CPIs. There are component CPIs that can be segregated, such as transportation, but the multi-year averages are similar and the contract would be subject to greater upward and downward spikes on an annual basis.

Alternatively, the Producer Price Index (PPI) tracks the average change in prices over time of domestically produced and consumed commodities. The index is comprised of prices for both consumer goods and capital equipment, but excludes prices for services. However, the PPI is also subject to spikes such as the current 13% increase from 2007-2008 and the PPI does include non-producing service industries such as solid waste operations and landfills.

7.3 ALTERNATIVES

1. Institute an ordinance for flow control (an example is attached).

2. Evaluate program fees for recycling that may be used to assist with developing a financially sustainable recycling program.

3. Consider changing the operations contract adjustment so that the operating and transportation portions of the contract increase with CPI, but the disposal portion remains static for the term of the current contract.
7.4 RECOMMENDATIONS

The Solid Waste Advisory Committee (SWAC) reviewed the alternatives summarized in Section 7.3 and recommended the following alternatives to Pend Oreille County for further action and implementation:

- **Alternative 2**: Evaluate program fees for recycling that may be used to assist with developing a financially sustainable recycling program.

- **Alternative 3**: Consider changing the operations contract adjustment so that the operating and transportation portions of the contract increase with CPI, but the disposal portion remains static for the term of the current contract.

The Solid Waste Management Plan Update Implementation Schedule is provided in Section 8.0.
Section 8.0
SUMMARY OF RECOMMENDATIONS AND IMPLEMENTATION SCHEDULE

8.1 PREVIOUS RECOMMENDATIONS

The 2002 Solid Waste Plan Update made general recommendations for facility, equipment, program, and budget modifications. While many of those previous recommendations were implemented, others are included in the recommendations for this current plan update. Previous recommendations not implemented and advanced to this current plan cycle should be considered with portions or parts modified and/or deferred to a later planning cycle.

2002 General Recommendations

Implemented:
- Provide public information and education with signs, brochures, classes, events and contact.
- Ensure facility safety with signage and dust control.

Advanced to Current Planning Cycle:
- Increase public disposal fees to cover operating costs.
- Establish an annual reserve (carried over each year) to insulate the program from annual deficit funding via the county current expense fund.
- Consider annual tipping fees increases based upon the Consumer Price Index (CPI).

2002 Facility and Equipment Recommendations

Implemented:
- North County Drop Box Site project increase in collection box storage capacity from five to seven stations as maintenance improvements.
- Central County Drop Box Site opening day changed from Thursdays to Wednesdays.

Partially Implemented:
- South County Transfer Station repairs and improvements as part of ongoing maintenance and operations.

Advanced to Current Planning Cycle:
- Central County Drop Box Site expansion and improvements.
2002 Equipment Recommendations

Implemented:
- Purchase Compactor Baler.
- Purchase three reinforced metal recycling boxes.

Partially Implemented:
- Start Metal Stockpiles at South County Transfer Station (metals are collected in containers, but are not stockpiled).

2002 Program Recommendations

Implemented:
- Produce informational brochures.

Partially Implemented:
- Hold collection events for special waste items.
- Do public and school presentations on MSW, MRW, recycling and waste reduction.
- Start recycling hotline, radio spots, brochures, booths at fairs, school education, worldwide web home pages, business waste reduction audits, waste reduction and recycling awards, a master composter program, a compost demonstration site, mulch mower promotion, and rate incentives.
- Purchase recycling and waste reduction equipment developing improved recycling.

2002 Budget Recommendations and Planning

Implemented:
- Continue to apply for CPG Grants.
- Amend plan to match operation and grant needs.

Advanced to Current Planning Cycle:
- Implement tipping fee increase.

8.2 CURRENT RECOMMENDATIONS and IMPLEMENTATION SCHEDULE

The current planning cycle includes 2002 recommendations that were not implemented (as well as portions or modifications of partially implemented 2002 recommendations) and alternatives recommended by County stakeholders. The proposed Implementation Schedule for this Solid Waste Management Plan Update (Refer to Table 8-1), defines planning horizons in terms of short-range (1 – 5 years: 2010-2015) and long-range (10 – 20 years: 2010-2030).
Table 8-1: Implementation Schedule

<table>
<thead>
<tr>
<th>Management Component</th>
<th>Programs and Activities</th>
<th>Projected Implementation Schedule</th>
<th>Estimated Cost per Year</th>
<th>Source(s) of Revenue And Funding</th>
<th>Total Estimated Cost per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Solid Waste Handling, Transfer Stations, and Collection</td>
<td><strong>Existing</strong>&lt;br&gt;Baler and building for recyclable materials at the South County Transfer Station. (Baler $80,000; Recycle Building $110,000)&lt;br&gt;Improve site layout and signage at Ione Drop Box site to optimize recycling loads.</td>
<td>2008-2009</td>
<td>$95,000</td>
<td>TR/RR &amp; OFFSET CPG</td>
<td>$190,000</td>
</tr>
<tr>
<td></td>
<td>2008-2009</td>
<td>OP</td>
<td>CPG and TR/RR</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td><strong>New</strong>&lt;br&gt;CDL diversion area at the South County Transfer Station. (Land improvements, Ecology blocks)&lt;br&gt;Facility modifications for improved site security at Usk Drop Box Site.&lt;br&gt;Scale at Usk Drop Box Site. (Additional land purchase, survey, land improvements, scale shack, cover over scales)&lt;br&gt;Evaluate public staffing alternatives for the transfer station and drop box sites.&lt;br&gt;Evaluate offsite recycling collection strategies.&lt;br&gt;Develop public education materials, related to solid waste management within the County, for distribution at the facilities and other venues (County Fair, schools, Courthouse, etc.).&lt;br&gt;Evaluate computerized scaling at all three facilities.</td>
<td>2010 – 2015</td>
<td>$1,500-2,500</td>
<td>TR/RR and CPG</td>
<td>$3,000-$5,000</td>
</tr>
<tr>
<td></td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
<td>$250,000</td>
</tr>
<tr>
<td></td>
<td>2010 – 2015</td>
<td>OP</td>
<td>Capital Projects and/or Public Facilities</td>
<td></td>
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<tr>
<td></td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2010 - 2015</td>
<td>OP</td>
<td>TR/RR</td>
<td></td>
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</tbody>
</table>

TR/RR = Tipping Fee and Recycling Revenue, CPG = Coordinated Prevention Grant, OP = Included in Normal Operating Budget
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<th>Projected Implementation Schedule</th>
<th>Estimated Cost per Year</th>
<th>Source(s) of Revenue And Funding</th>
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</tr>
</thead>
</table>
| Recycling, Waste Reduction, and Composting | **Existing**  
Obtain associated equipment and facility infrastructure at Deer Valley Transfer Station. (Skidsteer $53,000; Oil Burner $19,000; Recycle Building Addition $88,000)  
Provide an E-Waste Collection Site at Deer Valley Transfer Station  
Expand the County website to provide additional information on County programs and regional links. | 2008-2010 | $53,000 | TR/RR & OFFSET CPG | $160,000 |
| | **NEW**  
Encourage Ecology to provide incentives to public/private business partnerships to initiate curbside recycling.  
Develop an “approved” (by County staff) re-useable items area at the transfer station/drop box sites.  
Evaluate opportunities for adding additional recyclable materials for collection.  
Coordinate with the school districts, local businesses, and post offices to collect mixed paper for recycling.  
Seek out other outlets for baled recyclables to optimize transportation costs. | 2010-2015 | OP | TR/RR and CPG |  |
## Table 8-1: Implementation Schedule

<table>
<thead>
<tr>
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<th>Total Estimated Cost per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycling, Waste Reduction, and Composting</td>
<td>New (cont’d) Obtain portable recycling bins on trailers to haul behind a pickup for placement at public venues (Poker Paddle, County Fair, etc.). Develop a community service program through the schools to sort onsite generated recyclables and food waste. Encourage local restaurants and grocery stores to donate food items to charitable organizations and recycle food waste. Evaluate opportunities with local businesses to implement a program within the County that returns materials to the originators for reuse or recycling. Facilitate waste reduction efforts within the business community and public agencies within the County. Promote the use of EPA’s Comprehensive Procurement Guidelines for reference in purchasing decisions and evaluate employing Environmentally Preferable Purchasing (EPP) practices by County agencies to increase County use of recycled materials and to encourage product stewardship through purchasing power. Encourage other public agencies and contractors to evaluate and employ EPP through County contracts and education.</td>
<td>2010-2015</td>
<td>$15 - $20,000</td>
<td>TR/RR &amp; OFFSET CPG</td>
<td>$15 - $20,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
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<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
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<td></td>
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<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
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<tr>
<td></td>
<td></td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
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<tr>
<td></td>
<td></td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
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<th>Total Estimated Cost per Year</th>
</tr>
</thead>
</table>
| Recycling, Waste Reduction, and Composting | **New (cont’d)**  
- Support state and national efforts on the local level through participation and information transfer.  
- Facilitate, coordinate, and enhance current education efforts through the County website, printed materials available at the Courthouse, coordination with the Conservation District programs, school outreach programs, and public events.  
- Encourage use of online materials exchange for primarily residential users, such as 2good2toss (www.2good2toss.com) developed by i-wasteNot Online Resource Recovery Systems by including links on the County website.  
- Assist with and promote business waste exchange audit programs.  
- Provide additional recycling/waste reduction information and links on the County website.  
- Encourage Master Gardeners to provide yard waste composting and related classes to the public.  
- Evaluate yard waste collection at the transfer station/drop box sites.  
- Promote yard waste collection events (spring and fall). | 2010-2030 | OP | TR/RR and CPG |  |

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</tr>
</thead>
<tbody>
<tr>
<td>CDL, Inert Waste, and Special Wastes</td>
<td>Existing</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>New</td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Develop acceptance criteria for CDL and Inert waste at the transfer station/drop box sites.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Provide information on the County website and written materials at Planning Department for contractors and residents.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Include links on County website to additional information related to hazardous materials in demolition debris and asbestos survey/abatement for commercial and residential use.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop CDL and Inert waste collection and source separation facility/operational components at the South County (Deer Valley) Transfer Station and Ione Drop Box Site.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Develop a Disaster Debris Management Plan for the County.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>Moderate Risk Waste</td>
<td><strong>Existing</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Continue with the “free table” at the South County (Deer Valley) household hazardous</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
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<tr>
<td></td>
<td>waste facility to reuse appropriate products as alternatives to disposal.</td>
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<tr>
<td></td>
<td>- Maintain collection of household hazardous waste at the South County (Deer Valley)</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>transfer station and Central and North County drop box sites.</td>
<td></td>
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<tr>
<td></td>
<td>- Continue to evaluate HHW facility operations for ways to increase efficiency and</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
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<td></td>
<td>revenue, while decreasing expenses.</td>
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<tr>
<td></td>
<td><strong>New</strong></td>
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<td></td>
<td>- Provide MRW generation reduction information on the County Website.</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- Provide printed materials (MRW reduction and alternative products) to be available</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>at the transfer station, drop box sites, and Public Works building.</td>
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<tr>
<td></td>
<td>- Access Washington Toxics Coalition’s Home Safe Home Program website for additional</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
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<td></td>
<td>information on alternatives to hazardous household products.</td>
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</tr>
<tr>
<td></td>
<td>- Work with franchise haulers to screen solid waste for evidence of MRW.</td>
<td>2010-2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
</tbody>
</table>

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<th>Total Estimated Cost per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moderate Risk Waste</td>
<td><strong>New (cont’d):</strong> Provide a collection location at the Deer Valley Household Hazardous Waste Facility for mercury waste products. Provide information on the risks of mercury in the waste stream on the County Website. Provide printed materials, or a sign/poster, on the risks of mercury in the waste stream to be available at the transfer station, drop box sites, and Public Works building.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
</tbody>
</table>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Special Wastes</strong></td>
<td><strong>Existing</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Continue to provide public information on management strategies and locations that handle special wastes.</td>
<td>2009 – 2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Continue to collect tires at the transfer stations.</td>
<td>2009 – 2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Continue to have commercial haulers audit the waste stream contents of participating business and residential users of collection services.</td>
<td>2009 - 2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td><strong>New</strong></td>
<td>Evaluate alternative collection strategies and staging locations for auto hulks.</td>
<td>2010 – 2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate whether alternative management strategies are required for cooking oil and grease wastes.</td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Periodically review and amend County acceptance criteria and management protocols, related to Special Wastes, for users of the transfer station and drop box sites.</td>
<td>2010 - 2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
</tbody>
</table>

TR/RR = Tipping Fee and Recycling Revenue, CPG = Coordinated Prevention Grant, OP = Included in Normal Operating Budget
<table>
<thead>
<tr>
<th>Management Component</th>
<th>Programs and Activities</th>
<th>Projected Implementation Schedule</th>
<th>Estimated Cost per Year</th>
<th>Source(s) of Revenue And Funding</th>
<th>Total Estimated Cost per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Sustainability</strong></td>
<td><strong>Existing</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>New</strong></td>
<td>Assess the tipping fees and mechanisms for adjustment.</td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Continue to seek grant funding opportunities.</td>
<td>2010 – 2030</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate the need for program fees and minimum transaction fees.</td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate disposal and operations contract options.</td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate post-closure monitoring requirements for closed Deer Valley and Ione Landfills, and financial assurance under WAC 173-304.</td>
<td>2010 – 2030</td>
<td>OP</td>
<td>TR/RR</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate fee structure for solid waste disposal to support recycling programs or establish fees for recycling.</td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Evaluate program fees for recycling that may be used to assist with developing a financially sustainable recycling program.</td>
<td>2010 – 2015</td>
<td>OP</td>
<td>TR/RR and CPG</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Consider changing the operations contract adjustment so that the operating and transportation portions of the contract increase with CPI, but the disposal portion remains static for the term of the current contract.</td>
<td>2010-2015</td>
<td>OP</td>
<td>TR/RR</td>
<td></td>
</tr>
</tbody>
</table>

TR/RR = Tipping Fee and Recycling Revenue, CPG = Coordinated Prevention Grant, OP = Included in Normal Operating Budget
RESOLUTION ADOPTING THE PEND OREILLE COUNTY
SOLID WASTE MANAGEMENT PLAN UPDATE

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCW 70.95, enacted legislation the purpose of which is to establish a comprehensive state-wide program for solid waste handling, and solid waste recovery and/or recycling which will prevent land, air, and water pollution and conserve the natural, economic, and energy resources of this state; and

WHEREAS, pursuant to the provisions of RCW 70.95.080 each county within the state, in cooperation with the various cities located within such county, shall prepare a coordinated, comprehensive solid waste management plan; and

WHEREAS, pursuant to the provisions of RCW 70.95 of the Revised Code of Washington and the Transmittal sent to each of the Cities, the following governmental entities have been notified of the plan update and any comments from those entities have been incorporated into the solid waste management plan update which encompasses the entirety of Pend Oreille County;

1. Newport, a municipal corporation
2. Cusick, a municipal corporation
3. Ione, a municipal corporation
4. Metaline, a municipal corporation
5. Metaline Falls, a municipal corporation

WHEREAS, pursuant to RCW 70.95 the Pend Oreille County Solid Waste Advisory Committee and Solid Waste Staff have revised the Pend Oreille County Solid Waste Plan.

NOW, THEREFORE< BE IT RESOLVED, that the Pend Oreille County Board of Commissioners in consideration of the premises and in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan Update for the management of solid waste in Pend Oreille County.

DATED this 15th day of November, 2010

BOARD OF COUNTY COMMISSIONERS
PEND OREILLE COUNTY, WASHINGTON

Attest:

[Signatures]

Clerk of the Board

Chairman

Member

Member

30/9/04
INTERLOCAL AGREEMENT \#P2010-09

AGREEMENT ADOPTING THE PEND OREILLE COUNTY SOLID WASTE MANAGEMENT PLAN AND MODERATE RISK WASTE PLAN UPDATES

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCWQ 70.95, enacted legislation the purpose of which is to establish a comprehensive state-wide program for solid waste handling, and solid waste recovery and/or recycling which will prevent land, air, and water pollution and conserve the natural, economic, and energy resources of this state; and

WHEREAS, pursuant to the provisions of RCW 70.95 of the Revised Code of Washington, the city has reviewed the plan updates and agrees with the recommendation and authorizes the Mayor to sign this agreement; and

WHEREAS, the Pend Oreille County Commissioners by a Resolution of Adoption accept the plan updates and the Resolution of Adoption becomes a part of this Interlocal Agreement; and

WHEREAS, pursuant to RCW 70.95 the Pend Oreille County Solid Waste Advisory Committee and Solid Waste Staff have revised plan updates; and

NOW, THEREFORE, BE IT RESOLVED, that the City in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan and Moderate Risk Waste Plan Update for the management of solid waste in Pend Oreille County.

DATED this 19th day of October 2010

200 S. Washington
City of Newport, WA 99156

2010-09

Mayor

Clerk

RECEIVED
OCT 20 2010
PEND OREILLE CO PUBLIC WORKS DEPT
TOWN OF CUSICK
IN COUNTY OF PEND OREILLE
STATE OF WASHINGTON

INTERLOCAL AGREEMENT

AGREEMENT ADOPTING THE PEND OREILLE COUNTY
SOLID WASTE MANAGEMENT PLAN AND MODERATE RISK WASTE PLAN UPDATES

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCWQ 70.95, enacted legislation the purpose of which is to establish a comprehensive state-wide program for solid waste handling, and solid waste recovery and/or recycling which will prevent land, air, and water pollution and conserve the natural, economic, and energy resources of this state; and

WHEREAS, pursuant to the provisions of RCW 70.95 of the Revised Code of Washington, the city has reviewed the plan updates and agrees with the recommendation and authorizes the Mayor to sign this agreement; and

WHEREAS, the Pend Oreille County Commissioners by a Resolution of Adoption accept the plan updates and the Resolution of Adoption becomes a part of this Interlocal Agreement; and

WHEREAS, pursuant to RCW 70.95 the Pend Oreille County Solid Waste Advisory Committee and Solid Waste Staff have revised plan updates; and

NOW, THEREFORE, BE IT RESOLVED, that the City in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan and Moderate Risk Waste Plan Update for the management of solid waste in Pend Oreille County.

DATED this 3 day of Nov. 2010

P.O. Box 263
Town of Cusick, WA 99119

Mayor

Clerk

RECEIVED
NOV 03 2010
PEND OREILLE CO
PUBLIC WORKS DEPT
TOWN OF IONE  
IN COUNTY OF PEND OREILLE  
STATE OF WASHINGTON  

INTERLOCAL AGREEMENT  

AGREEMENT ADOPTING THE PEND OREILLE COUNTY  
SOLID WASTE MANAGEMENT PLAN AND MODERATE RISK WASTE PLAN UPDATES  

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCWQ 70.95, enacted legislation the purpose of which is to establish a comprehensive state-wide program for solid waste handling, and solid waste recovery and/or recycling which will prevent land, air, and water pollution and conserve the natural, economic, and energy resources of this state; and  

WHEREAS, pursuant to the provisions of RCW 70.95 of the Revised Code of Washington, the city has reviewed the plan updates and agrees with the recommendation and authorizes the Mayor to sign this agreement; and  

WHEREAS, the Pend Oreille County Commissioners by a Resolution of Adoption accept the plan updates and the Resolution of Adoption becomes a part of this interlocal Agreement; and  

WHEREAS, pursuant to RCW 70.95 the Pend Oreille County Solid Waste Advisory Committee and Solid Waste Staff have revised plan updates; and  

NOW, THEREFORE, BE IT RESOLVED, that the City in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan and Moderate Risk Waste Plan Update for the management of solid waste in Pend Oreille County.  

DATED this 20th day of October, 2010  

P.O. Box 498  
Town of Ione, WA 99139  

Mayor  

Pend Oreille Co  
Public Works Dept  

RECEIVED  
OCT 22 2010
TOWN OF METALINE
IN COUNTY OF PEND OREILLE
STATE OF WASHINGTON

INTERLOCAL AGREEMENT Res. 2010-04

AGREEMENT ADOPTING THE PEND OREILLE COUNTY
SOLID WASTE MANAGEMENT PLAN AND MODERATE RISK WASTE PLAN UPDATES

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCWQ 70.95, enacted legislation the purpose of which is to establish a comprehensive state-wide program for solid waste handling, and solid waste recovery and/or recycling which will prevent land, air, and water pollution and conserve the natural, economic, and energy resources of this state; and

WHEREAS, pursuant to the provisions of RCW 70.95 of the Revised Code of Washington, the city has reviewed the plan updates and agrees with the recommendation and authorizes the Mayor to sign this agreement; and

WHEREAS, the Pend Oreille County Commissioners by a Resolution of Adoption accept the plan updates and the Resolution of Adoption becomes a part of this Interlocal Agreement; and

WHEREAS, pursuant to RCW 70.95 the Pend Oreille County Solid Waste Advisory Committee and Solid Waste Staff have revised plan updates; and

NOW, THEREFORE, BE IT RESOLVED, that the City in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan and Moderate Risk Waste Plan Update for the management of solid waste in Pend Oreille County.

DATED this 40th day of November 2010

P.O. Box 85
Town of Metaline, WA 99152

[Signature]
Mayor

[Signature]
Clerk
TOWN OF METALINE FALLS  
IN COUNTY OF PEND OREILLE  
STATE OF WASHINGTON  

INTERLOCAL AGREEMENT  

AGREEMENT ADOPTING THE PEND OREILLE COUNTY  
SOLID WASTE MANAGEMENT PLAN AND MODERATE RISK WASTE PLAN UPDATES  

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCWQ 70.95, enacted legislation the purpose of which is to establish a comprehensive state-wide program for solid waste handling, and solid waste recovery and/or recycling which will prevent land, air, and water pollution and conserve the natural, economic, and energy resources of this state; and  

WHEREAS, pursuant to the provisions of RCW 70.95 of the Revised Code of Washington, the city has reviewed the plan updates and agrees with the recommendation and authorizes the Mayor to sign this agreement; and  

WHEREAS, the Pend Oreille County Commissioners by a Resolution of Adoption accept the plan updates and the Resolution of Adoption becomes a part of this Interlocal Agreement; and  

WHEREAS, pursuant to RCW 70.95 the Pend Oreille County Solid Waste Advisory Committee and Solid Waste Staff have revised plan updates; and  

NOW, THEREFORE, BE IT RESOLVED, that the City in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan and Moderate Risk Waste Plan Update for the management of solid waste in Pend Oreille County.  

DATED this __ day of October 2010__  

P.O. Box 277  
Town of Metaline Falls, WA 99153  

[Signature]  
Mayor  

[Signature]  
Clerk
AMENDMENT TO THE 2002 INTERLOCAL AGREEMENT
REGARDING THE PEND OREILLE COUNTY SOLID WASTE MANAGEMENT PLAN & UPDATES

This agreement is executed by and between Pend Oreille County, Washington ("The County") and the following governmental entities (hereinafter jointly referred to as "The Participating Municipalities"):  
1. Newport, a municipal corporation  
2. Cusick, a municipal corporation  
3. Ione, a municipal corporation  
4. Metaline, a municipal corporation  
5. Metaline Falls, a municipal corporation

For the purpose to clarify and reaffirm The County and The Participating Municipalities (referred to herein collectively as the "Parties") respective responsibilities and obligations as outlined in the Intergovernmental Agreement adopting the "2002 Pend Oreille County Solid Waste and Moderate Risk Waste Plan Updates" of the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan". The Parties make and enter into this Intergovernmental Agreement ("Agreement") effective this 12th day of January, 2009, for the purposes and under terms contained herein.

Definitions
For the purposes of this Agreement and any related agreements, contracts, and documents executed, adopted, or approved pursuant to this Agreement, the Parties shall use the definitions found in RCW 70.95.030, WAC 173-350, and WAC 173-351, unless otherwise indicated herein.

Recitals
WHEREAS, The Participating Municipalities agreed to participate in and adopt, the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan", amended in 2002, (hereinafter referred to as the "Plan"); and

WHEREAS, the Plan is to be reviewed and revised by the Plan Participants at least once every five (5) years following approval of the Plan by the Washington State Department of Ecology (WSDOE); and

WHEREAS, the Plan is currently under review for possible revisions to insure that it is viable, economically responsible, and contributing to the health and safety of all Pend Oreille County residents; and

WHEREAS, The Participating Municipalities are authorized and empowered to enter into this Agreement pursuant to Chapter 39.34 RCW.

THEREFORE, in consideration of mutual promises and covenants herein, it is hereby agreed:

1. Authority and Responsibilities of the County: The Participating Municipalities hereby reaffirm the following authorities and obligations to be exercised and assumed by the County on behalf of The Participating Municipalities as provided by law. The County shall:
   a. Have full authority to enter into contracts with and supervise consultants;
   b. Coordinate efforts with the Solid Waste Advisory Committee as they review progress on Plan preparation, take public input, and make recommendation to the Board of County Commissioners;
   c. Administer the costs of Plan preparation through the County’s Solid Waste Management Fund, consisting of monies budgeted by the County and monies from available Department of Ecology grants;
   d. Maintain accounts for the solid waste management program;
   e. Prepare and submit for approval on behalf of The Participating Municipalities and County a revised and updated Plan as provided in RCW 70.95.080 and related provisions of law. Such Plan as finally prepared, amended, or modified shall be binding upon approval and adoption by The Participating Municipalities solid Waste management;

2. Responsibilities of The Participating Municipalities: The Participating Municipalities hereby reaffirm and agree:
   a. To actively participate in the required review of the Plan;

Resolution 010609
b. To provide information and data on solid waste handling methods and recycling programs within respective jurisdictions;

c. To provide information and comments on proposed Plan revisions;

d. To review the revised Plan's "Preliminary Draft" phase;

e. Pursuant to RCW 70.95.080, review and determine whether to participate in the Plan;

f. To adopt the revised Plan prior to the Plan's "Final Draft" phase, or officially terminate participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County.

3. Financing: Each Party shall be responsible for budgeting and financing its own obligations under this Agreement.

4. Duration: This Agreement reaffirms certain responsibilities and obligations as stated in the Intergovernmental Agreement adopting the 1994 Pend Oreille County Solid Waste Plan and the 1992 Pend Oreille County Moderate Risk Plan, as amended in 2002, and shall continue until rescinded, terminated as herein provided, or until adoption of a subsequent Plan update.

5. Termination of Agreement: Any of The Participating Municipalities may terminate their participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County, provided they will then be obligated to prepare their own solid waste management plan pursuant to RCW 70.95.080. All reports or plans prepared pursuant to this Agreement shall remain the property of Pend Oreille County.

6. Liability: Neither The Participating Municipalities or The County assumes liability for the actions or activities of the others, except as provided by law or as may be agreed by the Parties from time to time.

7. Amendments: Amendments to this Agreement shall only be made by written agreement of all the parties hereto.

IN TESTIMONY WHEREOF, The Participating Municipalities and The County hereto have caused this Agreement to be executed by their duly authorized governing authorities as of the day and year first written above.

8. ATTEST:
   
   City Clerk
   
   ATTEST:
   
   Clerk of the Board
   
   APPROVED AS TO FORM:
   
   Prosecuting Attorney
   
   CITY OF NEWPORT
   
   BOARDS OF COUNTY COMMISSIONERS
   PEND OREILLE COUNTY, WASHINGTON
   
   Chair
   
   Member
   
   Member
AMENDMENT TO THE 2002 INTERLOCAL AGREEMENT REGARDING THE PEND OREILLE COUNTY SOLID WASTE MANAGEMENT PLAN & UPDATES

This agreement is executed by and between Pend Oreille County, Washington ("The County") and the following governmental entities (hereinafter jointly referred to as "The Participating Municipalities"):

1. Newport, a municipal corporation
2. Cusick, a municipal corporation
3. Ione, a municipal corporation
4. Metaline, a municipal corporation
5. Metaline Falls, a municipal corporation

For the purpose to clarify and reaffirm The County and The Participating Municipalities (referred to herein collectively as the "Parties") respective responsibilities and obligations as outlined in the Intergovernmental Agreement adopting the "2002 Pend Oreille County Solid Waste and Moderate Risk Waste Plan Updates" of the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan". The Parties make and enter into this Interlocal Agreement ("Agreement") effective this ___ day of ____, 2008, for the purposes and under terms contained herein.

Definitions
For the purposes of this Agreement and any related agreements, contracts, and documents executed, adopted, or approved pursuant to this Agreement, the Parties shall use the definitions found in RCW 70.95.030, WAC 173-350, and WAC 173-351, unless otherwise indicated herein.

Recitals
WHEREAS, The Participating Municipalities agreed to participate in and adopt, the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan", amended in 2002, (hereinafter referred to as the "Plan"); and

WHEREAS, the Plan is to be reviewed and revised by the Plan Participants at least once every five (5) years following approval of the Plan by the Washington State Department of Ecology (WSDOE); and

WHEREAS, the Plan is currently under review for possible revisions to insure that it is viable, economically responsible, and contributing to the health and safety of all Pend Oreille County residents; and

WHEREAS, The Participating Municipalities are authorized and empowered to enter into this Agreement pursuant to Chapter 39.34 RCW.

THEREFORE, in consideration of mutual promises and covenants herein, it is hereby agreed:

1. **Authority and Responsibilities of the County:** The Participating Municipalities hereby reaffirm the following authorities and obligations to be exercised and assumed by the County on behalf of The Participating Municipalities as provided by law. The County shall:
   a. Have full authority to enter into contracts with and supervise consultants;
   b. Coordinate efforts with the Solid Waste Advisory Committee as they review progress on Plan preparation, take public input, and make recommendation to the Board of County Commissioners;
   c. Administer the costs of Plan preparation through the County’s Solid Waste Management Fund, consisting of monies budgeted by the County and monies from available Department of Ecology grants;
   d. Maintain accounts for the solid waste management program;
   e. Prepare and submit for approval on behalf of The Participating Municipalities and County a revised and updated Plan as provided in RCW 70.95.080 and related provisions of law. Such Plan as finally prepared, amended, or modified shall be binding upon approval and adoption by The Participating Municipalities solid Waste management;

2. **Responsibilities of The Participating Municipalities:** The Participating Municipalities hereby reaffirm and agree:
   a. To actively participate in the required review of the Plan;
b. To provide information and data on solid waste handling methods and recycling programs within respective jurisdictions;

c. To provide information and comments on proposed Plan revisions;

d. To review the revised Plan's "Preliminary Draft" phase;

e. Pursuant to RCW 70.95.080, review and determine whether to participate in the Plan;

f. To adopt the revised Plan prior to the Plan's "Final Draft" phase, or officially terminate participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County.

3. **Financing:** Each Party shall be responsible for budgeting and financing its own obligations under this Agreement.

4. **Duration:** This Agreement reaffirms certain responsibilities and obligations as stated in the Intergovernmental Agreement adopting the 1994 Pend Oreille County Solid Waste Plan and the 1992 Pend Oreille County Moderate Risk Plan, as amended in 2002, and shall continue until rescinded, terminated as herein provided, or until adoption of a subsequent Plan update.

5. **Termination of Agreement:** Any of The Participating Municipalities may terminate their participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County, provided they will then be obligated to prepare their own solid waste management plan pursuant to RCW 70.95.080. All reports or plans prepared pursuant to this Agreement shall remain the property of Pend Oreille County.

6. **Liability:** Neither The Participating Municipalities or The County assumes liability for the actions or activities of the others, except as provided by law or as may be agreed by the Parties from time to time.

7. **Amendments:** Amendments to this Agreement shall only be made by written agreement of all the parties hereto.

IN TESTIMONY WHEREOF, The Participating Municipalities and The County hereto have caused this Agreement to be executed by their duly authorized governing authorities as of the day and year first written above.

8. **ATTEST:**

   Charlotte Yergon
   City Clerk

   Pete Councig
   Mayor

   ATTEST:

   Clerk of the Board

APPROVED AS TO FORM:

______ day of ______, 2008

Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
PEND OREILLE COUNTY, WASHINGTON

Laura M. Merrill
Chair

Olivia Wilkin
Member

Pete Councig
Member

290
AMENDMENT TO THE 2002 INTERLOCAL AGREEMENT REGARDING THE PEND OREILLE COUNTY SOLID WASTE MANAGEMENT PLAN & UPDATES

This agreement is executed by and between Pend Oreille County, Washington ("The County") and the following governmental entities (hereinafter jointly referred to as "The Participating Municipalities"):  

1. Newport, a municipal corporation  
2. Cusick, a municipal corporation  
3. Ione, a municipal corporation  
4. Metaline, a municipal corporation  
5. Metaline Falls, a municipal corporation  

For the purpose to clarify and reaffirm The County and The Participating Municipalities (referred to herein collectively as the "Parties") respective responsibilities and obligations as outlined in the Intergovernmental Agreement adopting the "2002 Pend Oreille County Solid Waste and Moderate Risk Waste Plan Updates" of the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan". The Parties make and enter into this Intergovernmental Agreement ("Agreement") effective this 30th day of March, 2006, for the purposes and under terms contained herein.

Definitions  
For the purposes of this Agreement and any related agreements, contracts, and documents executed, adopted, or approved pursuant to this Agreement, the Parties shall use the definitions found in RCW 70.95.030, WAC 173-350, and WAC 173-351, unless otherwise indicated herein.

Recitals  
WHEREAS, The Participating Municipalities agreed to participate in and adopt, the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan", amended in 2002, (hereinafter referred to as the "Plan"); and  

WHEREAS, the Plan is to be reviewed and revised by the Plan Participants at lease once every five (5) years following approval of the Plan by the Washington State Department of Ecology (WSDOE); and  

WHEREAS, the Plan is currently under review for possible revisions to insure that it is viable, economically responsible, and contributing to the health and safety of all Pend Oreille County residents; and  

WHEREAS, The Participating Municipalities are authorized and empowered to enter into this Agreement pursuant to Chapter 39.34 RCW.

THEREFORE, in consideration of mutual promises and covenants herein, it is hereby agreed:

1. Authority and Responsibilities of the County: The Participating Municipalities hereby reaffirm the following authorities and obligations to be exercised and assumed by the County on behalf of The Participating Municipalities as provided by law. The County shall:  

   a. Have full authority to enter into contracts with and supervise consultants;  
   b. Coordinate efforts with the Solid Waste Advisory Committee as they review progress on Plan preparation, take public input, and make recommendation to the Board of County Commissioners;  
   c. Administer the costs of Plan preparation through the County’s Solid Waste Management Fund, consisting of monies budgeted by the County and monies from available Department of Ecology grants;  
   d. Maintain accounts for the solid waste management program;  
   e. Prepare and submit for approval on behalf of The Participating Municipalities and County a revised and updated Plan as provided in RCW 70.95.080 and related provisions of law. Such Plan as finally prepared, amended, or modified shall be binding upon approval and adoption by The Participating Municipalities solid Waste management;  

2. Responsibilities of The Participating Municipalities: The Participating Municipalities hereby reaffirm and agree:  

   a. To actively participate in the required review of the Plan;
b. To provide information and data on solid waste handling methods and recycling programs within respective jurisdictions;

c. To provide information and comments on proposed Plan revisions;

d. To review the revised Plan’s “Preliminary Draft” phase;

e. Pursuant to RCW 70.95.080, review and determine whether to participate in the Plan;

f. To adopt the revised Plan prior to the Plan’s “Final Draft” phase, or officially terminate participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County.

3. Financing: Each Party shall be responsible for budgeting and financing its own obligations under this Agreement.

4. Duration: This Agreement reaffirms certain responsibilities and obligations as stated in the Intergovernmental Agreement adopting the 1994 Pend Oreille County Solid Waste Plan and the 1992 Pend Oreille County Moderate Risk Plan, as amended in 2002, and shall continue until rescinded, terminated as herein provided, or until adoption of a subsequent Plan update.

5. Termination of Agreement: Any of The Participating Municipalities may terminate their participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County, provided they will then be obligated to prepare their own solid waste management plan pursuant to RCW 70.95.080. All reports or plans prepared pursuant to this Agreement shall remain the property of Pend Oreille County.

6. Liability: Neither The Participating Municipalities or The County assumes liability for the actions or activities of the others, except as provided by law or as may be agreed by the Parties from time to time.

7. Amendments: Amendments to this Agreement shall only be made by written agreement of all the parties hereto.

IN TESTIMONY WHEREOF, The Participating Municipalities and The County hereto have caused this Agreement to be executed by their duly authorized governing authorities as of the day and year first written above.

8. ATTEST:  

[Signatures]

City Clerk

ATTEST:  

[Signatures]

Clerk of the Board

APPROVED AS TO FORM:  

[Signature]

day of April, 2009

Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS  
PEND OREILLE COUNTY, WASHINGTON  

[Signatures]

Chair  

Member  

Member  

342
AMENDMENT TO THE 2002 INTERLOCAL AGREEMENT
REGARDING THE PEND OREILLE COUNTY SOLID WASTE MANAGEMENT PLAN & UPDATES

This agreement is executed by and between Pend Oreille County, Washington ("The County") and the following governmental entities (hereinafter jointly referred to as "The Participating Municipalities"):

1. Newport, a municipal corporation
2. Cusick, a municipal corporation
3. Ione, a municipal corporation
4. Metaline, a municipal corporation
5. Metaline Falls, a municipal corporation

For the purpose to clarify and reaffirm The County and The Participating Municipalities (referred to herein collectively as the "Parties") respective responsibilities and obligations as outlined in the Intergovernmental Agreement adopting the "2002 Pend Oreille County Solid Waste and Moderate Risk Waste Plan Updates" of the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan". The Parties make and enter into this Interlocal Agreement ("Agreement") effective this day of Dec, 2008, for the purposes and under terms contained herein.

Definitions
For the purposes of this Agreement and any related agreements, contracts, and documents executed, adopted, or approved pursuant to this Agreement, the Parties shall use the definitions found in RCW 70.95.030, WAC 173-350, and WAC 173-351, unless otherwise indicated herein.

Recitals
WHEREAS, The Participating Municipalities agreed to participate in and adopt, the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan", amended in 2002, (hereinafter referred to as the "Plan");and

WHEREAS, the Plan is to be reviewed and revised by the Plan Participants at lease once every five (5) years following approval of the Plan by the Washington State Department of Ecology (WSDOE); and

WHEREAS, the Plan is currently under review for possible revisions to insure that it is viable, economically responsible, and contributing to the health and safety of all Pend Oreille County residents; and

WHEREAS, The Participating Municipalities are authorized and empowered to enter into this Agreement pursuant to Chapter 39.34 RCW.

THEREFORE, in consideration of mutual promises and covenants herein, it is hereby agreed:

1. Authority and Responsibilities of the County: The Participating Municipalities hereby reaffirm the following authorities and obligations to be exercised and assumed by the County on behalf of The Participating Municipalities as provided by law. The County shall:

   a. Have full authority to enter into contracts with and supervise consultants;

   b. Coordinate efforts with the Solid Waste Advisory Committee as they review progress on Plan preparation, take public input, and make recommendation to the Board of County Commissioners;

   c. Administer the costs of Plan preparation through the County’s Solid Waste Management Fund, consisting of monies budgeted by the County and monies from available Department of Ecology grants;

   d. Maintain accounts for the solid waste management program;

   e. Prepare and submit for approval on behalf of The Participating Municipalities and County a revised and updated Plan as provided in RCW 70.95.080 and related provisions of law. Such Plan as finally prepared, amended, or modified shall be binding upon approval and adoption by The Participating Municipalities solid waste management;

2. Responsibilities of The Participating Municipalities: The Participating Municipalities hereby reaffirm and agree:

   a. To actively participate in the required review of the Plan;
b. To provide information and data on solid waste handling methods and recycling programs within respective jurisdictions;

c. To provide information and comments on proposed Plan revisions;

d. To review the revised Plan’s “Preliminary Draft” phase;

e. Pursuant to RCW 70.95.080, review and determine whether to participate in the Plan;

f. To adopt the revised Plan prior to the Plan’s “Final Draft” phase, or officially terminate participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County.

3. **Financing:** Each Party shall be responsible for budgeting and financing its own obligations under this Agreement.

4. **Duration:** This Agreement reaffirms certain responsibilities and obligations as stated in the Intergovernmental Agreement adopting the 1994 Pend Oreille County Solid Waste Plan and the 1992 Pend Oreille County Moderate Risk Plan, as amended in 2002, and shall continue until rescinded, terminated as herein provided, or until adoption of a subsequent Plan update.

5. **Termination of Agreement:** Any of The Participating Municipalities may terminate their participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County, provided they will then be obligated to prepare their own solid waste management plan pursuant to RCW 70.95.080. All reports or plans prepared pursuant to this Agreement shall remain the property of Pend Oreille County.

6. **Liability:** Neither The Participating Municipalities or The County assumes liability for the actions or activities of the others, except as provided by law or as may be agreed by the Parties from time to time.

7. **Amendments:** Amendments to this Agreement shall only be made by written agreement of all the parties hereto.

IN TESTIMONY WHEREOF, The Participating Municipalities and The County hereto have caused this Agreement to be executed by their duly authorized governing authorities as of the day and year first written above.

8. **ATTEST:**

   [Signature]
   
   City Clerk

   [Signature]
   
   Mayor

   **City of Metaline**

   **ATTEST:**

   Clerk of the Board

   **APPROVED AS TO FORM:**

   _______ day of ________, 2008

   **Prosecuting Attorney**

   **BOARD OF COUNTY COMMISSIONERS**

   **PEND OREILLE COUNTY, WASHINGTON**

   [Signature]
   
   Chair

   [Signature]
   
   Member

   [Signature]
   
   Member
AMENDMENT TO THE 2002 INTERLOCAL AGREEMENT REGARDING THE PEND OREILLE COUNTY SOLID WASTE MANAGEMENT PLAN & UPDATES

This agreement is executed by and between Pend Oreille County, Washington ("The County") and the following governmental entities (hereinafter jointly referred to as "The Participating Municipalities");

1. Newport, a municipal corporation
2. Cusick, a municipal corporation
3. Ione, a municipal corporation
4. Metaline, a municipal corporation
5. Metaline Falls, a municipal corporation

For the purpose to clarify and reaffirm The County and The Participating Municipalities (referred to herein collectively as the "Parties") respective responsibilities and obligations as outlined in the Intergovernmental Agreement adopting the "2002 Pend Oreille County Solid Waste and Moderate Risk Waste Plan Updates" of the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan". The Parties make and enter into this Interlocal Agreement ("Agreement") effective this 12th day of December, 2008, for the purposes and under terms contained herein.

Definitions
For the purposes of this Agreement and any related agreements, contracts, and documents executed, adopted, or approved pursuant to this Agreement, the Parties shall use the definitions found in RCW 70.95.030, WAC 173-350, and WAC 173-351, unless otherwise indicated herein.

Recitals
WHEREAS, The Participating Municipalities agreed to participate in and adopt, the "1994 Pend Oreille County Solid Waste Plan" and the "1992 Pend Oreille County Moderate Risk Waste Plan", amended in 2002, (hereinafter referred to as the "Plan"); and

WHEREAS, the Plan is to be reviewed and revised by the Plan Participants at least once every five (5) years following approval of the Plan by the Washington State Department of Ecology (WSDOE); and

WHEREAS, the Plan is currently under review for possible revisions to insure that it is viable, economically responsible, and contributing to the health and safety of all Pend Oreille County residents; and

WHEREAS, The Participating Municipalities are authorized and empowered to enter into this Agreement pursuant to Chapter 39.34 RCW.

THEREFORE, in consideration of mutual promises and covenants herein, it is hereby agreed:

1. Authority and Responsibilities of the County: The Participating Municipalities hereby reaffirm the following authorities and obligations to be exercised and assumed by the County on behalf of The Participating Municipalities as provided by law. The County shall:
   a. Have full authority to enter into contracts with and supervise consultants;
   b. Coordinate efforts with the Solid Waste Advisory Committee as they review progress on Plan preparation, take public input, and make recommendation to the Board of County Commissioners;
   c. Administer the costs of Plan preparation through the County's Solid Waste Management Fund, consisting of monies budgeted by the County and monies from available Department of Ecology grants;
   d. Maintain accounts for the solid waste management program;
   e. Prepare and submit for approval on behalf of The Participating Municipalities and County a revised and updated Plan as provided in RCW 70.95.080 and related provisions of law. Such Plan as finally prepared, amended, or modified shall be binding upon approval and adoption by The Participating Municipalities solid Waste management;

2. Responsibilities of The Participating Municipalities: The Participating Municipalities hereby reaffirm and agree:
   a. To actively participate in the required review of the Plan;
b. To provide information and data on solid waste handling methods and recycling programs within respective jurisdictions;

c. To provide information and comments on proposed Plan revisions;

d. To review the revised Plan's "Preliminary Draft" phase;

e. Pursuant to RCW 70.95.080, review and determine whether to participate in the Plan;

f. To adopt the revised Plan prior to the Plan's "Final Draft" phase, or officially terminate participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County.

3. **Financing:** Each Party shall be responsible for budgeting and financing its own obligations under this Agreement.

4. **Duration:** This Agreement reaffirms certain responsibilities and obligations as stated in the Intergovernmental Agreement adopting the 1994 Pend Oreille County Solid Waste Plan and the 1992 Pend Oreille County Moderate Risk Plan, as amended in 2002, and shall continue until rescinded, terminated as herein provided, or until adoption of a subsequent Plan update.

5. **Termination of Agreement:** Any of The Participating Municipalities may terminate their participation in the 2002 Intergovernmental Agreement by vote of the legislative body and notice to The County, provided they will then be obligated to prepare their own solid waste management plan pursuant to RCW 70.95.080. All reports or plans prepared pursuant to this Agreement shall remain the property of Pend Oreille County.

6. **Liability:** Neither The Participating Municipalities or The County assumes liability for the actions or activities of the others, except as provided by law or as may be agreed by the Parties from time to time.

7. **Amendments:** Amendments to this Agreement shall only be made by written agreement of all the parties hereto.

IN TESTIMONY WHEREOF, The Participating Municipalities and The County hereto have caused this Agreement to be executed by their duly authorized governing authorities as of the day and year first written above.

8. **ATTEST:**

   
   City of Metaline Falls

   [Signature]

   City Clerk

   ATTEST:

   [Signature]

   Clerk of the Board

APPROVED AS TO FORM:

   [Signature]

   day of ______, 2008

Prosecuting Attorney

BOARD OF COUNTY COMMISSIONERS
PEND OREILLE COUNTY, WASHINGTON

[Signature] Chair

[Signature] Member

[Signature] Member
RESOLUTION NO. 2008-56
RESOLUTION APPOINTING THE SOLID WASTE ADVISORY COMMITTEE (SWAC)
FOR THE PURPOSES OF COMPLETING THE SOLID WASTE MANAGEMENT PLAN UPDATE

WHEREAS, the Washington State Legislature, pursuant to the provisions of RCW 70.95.165(3), enacted legislation that each county shall establish a local solid waste advisory committee to assist in the development of programs and policies concerning solid waste handling and disposal and to review and comment upon proposed rules, policies, or ordinances prior to their adoption. Such committees shall consist of a minimum of nine members and shall represent a balance of interests including, but not limited to, citizens, public interest groups, business, the waste management industry, and local elected public officials. The members shall be appointed by the county legislative authority. A county or city shall not apply for funds from the state and local improvements revolving account, Waste Disposal Facilities, 1980, under chapter 43.99F RCW, for the preparation, update, or major amendment of a comprehensive solid waste management plan unless the plan or revision has been prepared with the active assistance and participation of a local solid waste advisory committee.

WHEREAS, the County will endeavor to establish a local solid waste advisory committee (SWAC) to assist in the development of programs and policies concerning solid waste handling and disposal and to review and comment upon proposed rules, policies, or ordinances prior to their adoption. Such committee shall consist of a minimum of nine members and shall represent a balance of interests including, but not limited to, citizens, public interest groups, business, the waste management industry, and local elected public officials. The following individuals have agreed to serve on the SWAC for the purpose of participating in updating the Solid Waste Management Plan and the process of identifying other stakeholders and additional input will be ongoing throughout the planning process:

The County Legislative Authority shall appoint the following individuals:

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>E-mail</th>
<th>Telephone No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ron Curren</td>
<td>Pend Oreille County</td>
<td><a href="mailto:rcurren@pendoreille.org">rcurren@pendoreille.org</a></td>
<td>509-447-4513</td>
</tr>
<tr>
<td>Beth Gillespie</td>
<td>Pend Oreille County</td>
<td><a href="mailto:bgillespie@pendoreille.org">bgillespie@pendoreille.org</a></td>
<td>509-447-6458</td>
</tr>
<tr>
<td>Bubba Hendrick</td>
<td>City of Newport</td>
<td><a href="mailto:cityofnewport@newport-wa.org">cityofnewport@newport-wa.org</a></td>
<td>509-447-5611</td>
</tr>
<tr>
<td>Bob Spencer</td>
<td>Town of Cusick</td>
<td><a href="mailto:cronrathm@msn.com">cronrathm@msn.com</a></td>
<td>509-991-9263</td>
</tr>
<tr>
<td>Charles Kress</td>
<td>Citizen</td>
<td><a href="mailto:bocatt@hotmail.com">bocatt@hotmail.com</a></td>
<td>509-447-5367</td>
</tr>
<tr>
<td>Don Hudson</td>
<td>Kalispel Tribe</td>
<td><a href="mailto:dhudson@kalispeetribe.com">dhudson@kalispeetribe.com</a></td>
<td>509-447-1147</td>
</tr>
<tr>
<td>Scott Campbell</td>
<td>Ponderay Newsprint</td>
<td><a href="mailto:scott.campbell@abitibibowater.com">scott.campbell@abitibibowater.com</a></td>
<td>509-445-2304</td>
</tr>
<tr>
<td>Name</td>
<td>Company/Specialty</td>
<td>Email</td>
<td>Phone</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------</td>
<td>--------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Cindy Low</td>
<td>Excess Disposal</td>
<td><a href="mailto:low7@verizon.net">low7@verizon.net</a></td>
<td>208-437-4502</td>
</tr>
<tr>
<td>Bob Nichols</td>
<td>B&amp;N Sanitation</td>
<td>He has no email</td>
<td>509-445-1353</td>
</tr>
<tr>
<td>Dave Alvarado</td>
<td>Northwest Industrial Services, LLC</td>
<td><a href="mailto:dave_alvarado@air-pipe.com">dave_alvarado@air-pipe.com</a></td>
<td>509-496-1112</td>
</tr>
<tr>
<td>Sheila Pachernegg</td>
<td>Consultant</td>
<td><a href="mailto:sheilap@icehouse.net">sheilap@icehouse.net</a></td>
<td>509-487-4399</td>
</tr>
<tr>
<td>Randy Knight</td>
<td>Consultant</td>
<td><a href="mailto:randyknight@cebridge.net">randyknight@cebridge.net</a></td>
<td>208-659-1578</td>
</tr>
</tbody>
</table>

AND, that the Public Works Director, Ron Curren, be authorized to appoint additional SWAC members as and if needed for completion of the Solid Waste Plan Update to represent a balance of interests, potentially including a representatives from the Tri-County Health District, the Town of Ione, the Town of Metaline and any additional interested Citizens.

NOW, THEREFORE, BE IT RESOLVED, that the Pend Oreille County Board of Commissioners in consideration of the premises and in further consideration of mutual agreements and covenants does hereby approve and adopt the Pend Oreille County Solid Waste Plan Update for the management of solid waste in Pend Oreille County.

DATED this 15th day of Dec, 2008.

BOARD OF COUNTY COMMISSIONERS
PEND OREILLE COUNTY, WASHINGTON

Attest:
Chelsie McLean
Clerk of the Board

[Signatures of Chairman and Members]

Chairman
Member
Member
March 3, 2009

Pend Oreille County Public Works
Ron Curren
PO Box 5041
Newport, WA 99156

Dear Mr. Curren:

Thank you for the opportunity to serve on the Solid Waste Advisory Committee (SWAC). It is with much regret that I must resign my position on the committee. Due to the increase demand on my time and upcoming public hearings for the City of Newport Building Department, I will not been able to attend any additional meetings at this time. Because I cannot attend the meetings regularly, I feel it would be of the best interest for the committee to have someone else take my position.

I wish you and the committee the best in your future endeavors.

Sincerely,

Robert "Bubba" Hedricks
Newport City Building Inspector
Pend Oreille County
Solid Waste Advisory Committee (SWAC)
By-Laws

ARTICLE 1 – CREATION, LEGAL BASIS, PURPOSE

The Pend Oreille County Solid Waste Advisory Committee, hereinafter called SWAC, has been established by Commissioners Resolution No. 2008-56, pursuant to RCW 70.95.165.

The scope and charge of the SWAC shall be to:

A. Assist in the development of programs and policies concerning solid waste handling and disposal as provided for in RCW 70.95.167(3).
B. Review and comment upon proposed rules, policies, or ordinances dealing with solid waste handling and disposal prior to their adoption as provided for in RCW 70.95.167(3).
C. Perform any other duties requested by the Board of County Commissioners.

ARTICLE 2 – COMPOSITION

A. Members – The SWAC shall be composed of at least nine (9) members. Members of the SWAC shall serve without compensation of any kind.

B. Ex-Officio Members – The Board of Pend Oreille County Commissioners may appoint nonvoting ex-officio members to the SWAC, who will serve at the County Commissioners discretion.

C. Appointment – Members shall be appointed by the Board of Pend Oreille County Commissioners. In selecting members, the Commissioners will appoint persons representing a balance of interests, including but not limited to citizens, public interest groups, business, the waste management industry, and local elected public officials.

D. Terms – Members shall serve a term of three (3) years. Appointments shall be subject to any applicable County term limit policies. The terms of office may be staggered to ensure appointments until their successor(s) are appointed and/or to insure continuity of each group on the SWAC. The term of a member of SWAC starts on the date that the member is appointed. Members may be reappointed to serve consecutive terms.

E. Chair – A majority of the Committee shall elect one of its voting members as chair. The Chair shall be nominated and elected and assume office at the first scheduled meeting of the SWAC. The Chair shall serve a term of one (1) year, beginning at the first meeting in March each year, and may be re-elected for succeeding terms.

F. Vice Chair – A majority of the Committee shall elect one of its voting members as Vice Chair. The term of the Vice Chair shall be for one (1) year. The election schedule and term of the Vice Chair shall correspond to that of the Chair.
G. Vacancies – Vacancies occurring for any reason other than expiration of the term shall be filled by appointment by Board of County Commissioners in the same manner as the original appointment for the un-expired portion of the term.

H. Subcommittees – Subcommittees may be formed as needed for the purpose of exploring issues before the SWAC in more detail than regular SWAC meetings may allow. Standing or ad hoc subcommittees may be formed if a majority of SWAC members elect to do so. Subcommittee members shall be appointed by the SWAC chair from among those volunteering. Subcommittees shall report to the full SWAC at the regular SWAC meeting following subcommittee meetings.

I. Attendance: A member of SWAC who misses three (3) consecutive regular SWAC meetings shall be contacted by the Chair to ascertain the reason for the non-attendance. The Chair will report findings to the SWAC at the next regular meeting. The SWAC may then vote to report the matter to the Board of County Commissioners who may, at their option, replace the former member with a new appointee to fill the remainder of the term.

J. Reappointment – The reappointment of members shall be at the discretion of the Board of County Commissioners.

ARTICLE 3 – STAFF

The Public Works Department and Solid Waste Division will provide support to the SWAC as determined necessary and as approved by the Public Works Director.

ARTICLE 4 – MEETINGS

A. Regular Meetings – Meetings of the SWAC shall be called when necessary as determined by the SWAC membership and/or recommended by Public Works. It is anticipated the SWAC will meet and conduct at least three (3) quorum-voting meetings per calendar year.

B. Minutes/Agenda – Minutes of all SWAC meetings shall be kept by staff and distributed to the members within three (3) weeks after a meeting. Agendas shall be prepared by staff, at the direction of the Chair, and distributed to the members at least seven (7) days in advance of any regularly scheduled meeting.

C. Public Access – All meetings shall be open to the public. Provision shall be made for public comment at each meeting. Approved meeting minutes shall be available to the public on request. Meeting minutes shall be approved by a majority vote of members present.

D. Quorum – For the purposes of the transaction of business of the Committee, a quorum shall be a majority of the appointed, confirmed members of the Committee.

ARTICLE 5 – RECOMMENDATIONS

The SWAC shall advise and make recommendations to the Board of County Commissioners on matters within their scope and charge. All recommendations shall first be presented to the
Public Works Director prior to presentation to the Board of County Commissioners. Any recommendations made in the name of the SWAC shall be approved by a majority vote of the SWAC members present.

ARTICLE 6 – AMENDMENTS

These bylaws may be amended by majority vote of SWAC members, as approved by the Board of County Commissioners, provided that at least ten (10) days’ notice of proposed bylaw amendments has been given to the SWAC.

ARTICLE 7 – RULES OF ORDER

The rules contained in the current edition of Robert’s Rules of Order, Newly Revised, shall govern all meetings of the SWAC except when those rules are inconsistent with these bylaws or special rules of order of the SWAC.

ARTICLE 8 – SEVERENCE CLAUSE

Should any portion of these bylaws be declared unconstitutional or otherwise contrary to law, such decision shall not affect the validity of the remaining portion of these bylaws.

DATED at Newport, Washington this 15th day of NOV, 2009.

BOARD OF COUNTY COMMISSIONERS
PEND OREILLE COUNTY

Chairman

Commissioner

Commissioner

ATTEST:

Clerk of the Board

Chris Mykle, 11-15-10
Pend Oreille County
Solid Waste Advisory Committee (SWAC)
By-Laws
Amended July 9, 2009

ARTICLE 1 – CREATION, LEGAL BASIS, PURPOSE

The Pend Oreille County Solid Waste Advisory Committee, hereinafter called SWAC, has been established by Commissioners Resolution No. 2008-56, pursuant to RCW 70.95.165.

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B. Ex-Officio Members – The Board of Pend Oreille County Commissioners may appoint nonvoting ex-officio members to the SWAC, who will serve at the County Commissioners discretion.

C. Appointment – Members shall be appointed by the Board of Pend Oreille County Commissioners. In selecting members, the Commissioners will appoint persons representing a balance of interests, including but not limited to citizens, public interest groups, business, the waste management industry, and local elected public officials.

D. Terms – Members shall serve a term of three (3) years. Appointments shall be subject to any applicable County term limit policies. The terms of office may be staggered to ensure appointments until their successor(s) are appointed and/or to insure continuity of each group on the SWAC. The term of a member of SWAC starts on the date that the member is appointed. Members may be reappointed to serve consecutive terms.

E. Chair – A majority of the Committee shall elect one of its voting members as chair. The Chair shall be nominated and elected and assume office at the first scheduled meeting of the SWAC. The Chair shall serve a term of one (1) year, beginning at the first meeting in March each year, and may be re-elected for succeeding terms.

F. Vice Chair – A majority of the Committee shall elect one of its voting members as Vice Chair. The term of the Vice Chair shall be for one (1) year. The election schedule and term of the Vice Chair shall correspond to that of the Chair.
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I. Attendance: A member of SWAC who misses three (3) consecutive regular SWAC meetings shall be contacted by the Chair to ascertain the reason for the non-attendance. The Chair will report findings to the SWAC at the next regular meeting. The SWAC may then vote to report the matter to the Board of County Commissioners who may, at their option, replace the former member with a new appointee to fill the remainder of the term.

J. Reappointment – The reappointment of members shall be at the discretion of the Board of County Commissioners.

K. Alternates – Upon prior notification to the County, appointed members may designate alternates to serve as full voting members on their behalf. It is the responsibility of the appointed member to prepare the alternate for active participation on the SWAC.

ARTICLE 3 – STAFF

The Public Works Department and Solid Waste Division will provide support to the SWAC, as determined necessary and as approved by the Public Works Director.

ARTICLE 4 – MEETINGS

A. Regular Meetings – Meetings of the SWAC shall be called when necessary as determined by the SWAC membership and/or recommended by Public Works. It is anticipated the SWAC will meet and conduct at least three (3) quorum-voting meetings per calendar year.

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D. Quorum – For the purposes of the transaction of business of the Committee, a quorum shall be a majority of the appointed confirmed members and designated alternates of the Committee.
ARTICLE 5 – RECOMMENDATIONS

The SWAC shall advise and make recommendations to the Board of County Commissioners on matters within their scope and charge. All recommendations shall first be presented to the Public Works Director prior to presentation to the Board of County Commissioners. Any recommendations made in the name of the SWAC shall be approved by a majority vote of the SWAC members present.

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The rules contained in the current edition of Robert’s Rules of Order, Newly Revised, shall govern all meetings of the SWAC except when those rules are inconsistent with these bylaws or special rules of order of the SWAC.

ARTICLE 8 – SEVERENCE CLAUSE

Should any portion of these bylaws be declared unconstitutional or otherwise contrary to law, such decision shall not affect the validity of the remaining portion of these bylaws.

DATED at Newport, Washington this 15th day of Nov., 2010

BOARD OF COUNTY COMMISSIONERS
PEND OREILLE COUNTY

Chairman

Commissioner

Commissioner

ATTEST:

Chris Myles, 11-15-10

Clerk of the Board
2009
Pend Oreille County
SWAC Meetings

January 2009

February 2009

March 2009

April 2009

May 2009

June 2009

July 2009

August 2009

September 2009

October 2009

November 2009

December 2009

No meeting
No meeting
6:30-7:30 PM

3-5 PM

3-5 PM

3-5 PM

3-5 PM

3-5 PM

3-3:15PM

3-5 PM

No meeting

Note: Aug 6th meeting was only a few minutes long as no quorum.

April 1, 2010 Go over final draft of plan
3-5 PM

(no meetings in Jan, Feb, or March 2010)
As plan not back from ecology review)
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<thead>
<tr>
<th>Stakeholders</th>
<th>Type</th>
<th>Mailing Address</th>
<th>City</th>
<th>Zip</th>
<th>Physical Address</th>
<th>Contact</th>
<th>Tele.</th>
<th>Fax</th>
<th>Email Address</th>
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<tbody>
<tr>
<td>City of Newport</td>
<td>Municipal</td>
<td>P. O. Box 200</td>
<td>Newport</td>
<td>99156</td>
<td>200 S. Washington St.</td>
<td>Fred Anderson - Mayor</td>
<td>447-5611</td>
<td>447-2259</td>
<td><a href="mailto:cityofnewport@newport-wa.org">cityofnewport@newport-wa.org</a></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Ray King - City Administrator</td>
<td></td>
<td></td>
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<td>Bubba Hendrick-Code Enforce</td>
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<tr>
<td>Town of Ione</td>
<td>Municipal</td>
<td>P. O. Box 498</td>
<td>Ione</td>
<td>99139</td>
<td>207 Houghton</td>
<td>Ed Stambaugh - Mayor</td>
<td>442-3611</td>
<td>442-3181</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Robert Spencer - Mayor</td>
<td>991-9263</td>
<td></td>
<td><a href="mailto:cronrathom@msn.com">cronrathom@msn.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Walt H. Beam - Mayor</td>
<td>446-4641</td>
<td>446-2603</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Tara Leininger - Mayor</td>
<td>446-2211</td>
<td>446-3021</td>
<td><a href="mailto:metfalls@potc.net">metfalls@potc.net</a></td>
</tr>
<tr>
<td>Town of Cusick</td>
<td>Municipal</td>
<td>P. O. Box 263</td>
<td>Cusick</td>
<td>99119</td>
<td></td>
<td>Don Hutson</td>
<td>445-1147</td>
<td>445-1705</td>
<td>d <a href="mailto:hutson@kallispeletribe.com">hutson@kallispeletribe.com</a></td>
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<tr>
<td></td>
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<td></td>
<td>Paul Haas</td>
<td>445-1125</td>
<td>445-1598</td>
<td></td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>Esther Longly</td>
<td>445-1125</td>
<td></td>
<td><a href="mailto:elongly@cusick.wednet.edu">elongly@cusick.wednet.edu</a></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>447-2441</td>
<td>447-5227</td>
<td><a href="mailto:admin@phd1.org">admin@phd1.org</a></td>
</tr>
<tr>
<td>Town of Metaline Falls</td>
<td>Municipal</td>
<td>P. O. Box 277</td>
<td>Met. Falls</td>
<td>99153</td>
<td></td>
<td>Nancy Lotze - Superintendent</td>
<td>446-2951</td>
<td>446-2929</td>
<td><a href="mailto:information@popud.com">information@popud.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Scott Campbell</td>
<td>445-2304</td>
<td>445-1233</td>
<td><a href="mailto:scott.campbell@abitibibowater.com">scott.campbell@abitibibowater.com</a></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>445-1090</td>
<td>445-1522</td>
<td><a href="mailto:povla@povvar.com">povla@povvar.com</a></td>
</tr>
<tr>
<td>Town of Metaline</td>
<td>Municipal</td>
<td>P. O. Box 39</td>
<td>Usk</td>
<td>99180</td>
<td>1981 Leclerc Road N.</td>
<td>Jonathan Fullmer</td>
<td>446-4516</td>
<td>446-2830</td>
<td><a href="mailto:jon.fullmer@teckcominco.com">jon.fullmer@teckcominco.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Susie</td>
<td>1-888-445-1732</td>
<td></td>
<td><a href="mailto:sgotham@vaagenbros.com">sgotham@vaagenbros.com</a></td>
</tr>
<tr>
<td>Ponderay Newsprint Co.</td>
<td>Industrial</td>
<td>422767 Highway 20</td>
<td>Usk</td>
<td>99180</td>
<td></td>
<td>Shawn, Project Mgr</td>
<td>445-3901</td>
<td></td>
<td><a href="mailto:shane@nwslab.com">shane@nwslab.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Shane, Project Mgr</td>
<td>445-7500</td>
<td></td>
<td><a href="mailto:idegroat@fs.fed.us">idegroat@fs.fed.us</a></td>
</tr>
<tr>
<td>Pend Oreille Valley Railroad</td>
<td>Transportation</td>
<td>1981 Black Road</td>
<td>Usk</td>
<td>99180</td>
<td></td>
<td>Jan DeGroat</td>
<td>445-3129</td>
<td></td>
<td><a href="mailto:idegroat@fs.fed.us">idegroat@fs.fed.us</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Jack Sherry</td>
<td>446-2572</td>
<td>446-2033</td>
<td>none</td>
</tr>
<tr>
<td>Teck Cominco American, Inc.</td>
<td>Industrial</td>
<td>P. O. Box 7</td>
<td>Met. Falls</td>
<td>99153</td>
<td>1382 Pend Oreille Mine Rd</td>
<td>Jonathan Fullmer</td>
<td>446-4516</td>
<td>446-2830</td>
<td><a href="mailto:jon.fullmer@teckcominco.com">jon.fullmer@teckcominco.com</a></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Susie</td>
<td>1-888-445-1732</td>
<td></td>
<td><a href="mailto:sgotham@vaagenbros.com">sgotham@vaagenbros.com</a></td>
</tr>
<tr>
<td>Vaagen Bros. Lumber</td>
<td>Industrial</td>
<td>P. O. Box 190</td>
<td>Usk</td>
<td>99180</td>
<td></td>
<td>Shane, Project Mgr</td>
<td>445-3901</td>
<td></td>
<td><a href="mailto:shane@nwslab.com">shane@nwslab.com</a></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>Shane, Project Mgr</td>
<td>445-7500</td>
<td></td>
<td><a href="mailto:idegroat@fs.fed.us">idegroat@fs.fed.us</a></td>
</tr>
<tr>
<td>USDA FS - Sullivan Lake District</td>
<td>Recreational</td>
<td>12641 Sullivan Lk Rd</td>
<td>Met. Falls</td>
<td>99153</td>
<td></td>
<td>Jan DeGroat</td>
<td>445-3129</td>
<td></td>
<td><a href="mailto:idegroat@fs.fed.us">idegroat@fs.fed.us</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Jan DeGroat</td>
<td>446-2572</td>
<td>446-2033</td>
<td>none</td>
</tr>
<tr>
<td>USDA FS - Newport District</td>
<td>Recreational</td>
<td>315 North Warren</td>
<td>Newport</td>
<td>99156</td>
<td></td>
<td>Jack Sherry</td>
<td>446-2572</td>
<td>446-2033</td>
<td>none</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Greg Tyler</td>
<td>447-3686</td>
<td></td>
<td><a href="mailto:gtyler@stimsonlumber.com">gtyler@stimsonlumber.com</a></td>
</tr>
<tr>
<td>US Customs &amp; Immigration</td>
<td>Enforcement</td>
<td>26781 Highway 31</td>
<td>Met. Falls</td>
<td>99153</td>
<td></td>
<td>John DeGroat</td>
<td>445-3129</td>
<td></td>
<td><a href="mailto:idegroat@fs.fed.us">idegroat@fs.fed.us</a></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>John DeGroat</td>
<td>446-2572</td>
<td>446-2033</td>
<td>none</td>
</tr>
<tr>
<td>Stimson Lumber Co</td>
<td>Lumber</td>
<td>P. O. Box 1499</td>
<td>Newport</td>
<td>99156</td>
<td></td>
<td>Greg Tyler</td>
<td>447-3686</td>
<td></td>
<td><a href="mailto:gtyler@stimsonlumber.com">gtyler@stimsonlumber.com</a></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td>Kathi de Groat</td>
<td>445-3129</td>
<td></td>
<td><a href="mailto:idegroat@fs.fed.us">idegroat@fs.fed.us</a></td>
</tr>
<tr>
<td>Selkirk Community Health Center</td>
<td>Medical</td>
<td>P. O. Box 197</td>
<td>Ione</td>
<td>99139</td>
<td>208 Cedar Creek Terrace</td>
<td>Jonathan Fullmer</td>
<td>446-4516</td>
<td>446-2830</td>
<td><a href="mailto:jon.fullmer@teckcominco.com">jon.fullmer@teckcominco.com</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Jonathan Fullmer</td>
<td>446-4516</td>
<td>446-2830</td>
<td><a href="mailto:jon.fullmer@teckcominco.com">jon.fullmer@teckcominco.com</a></td>
</tr>
<tr>
<td>Pend Oreille Conservation District</td>
<td>Educational</td>
<td>P. O. Box 280</td>
<td>Newport</td>
<td>99156</td>
<td>100 N. Washington Ave.</td>
<td>Peggy Watts-Ed. Coord.</td>
<td>445-4217</td>
<td></td>
<td><a href="mailto:peggy@pocd.org">peggy@pocd.org</a></td>
</tr>
<tr>
<td>Park Service - Crawford</td>
<td>Recreation</td>
<td>P. O. Box 5045</td>
<td>Newport</td>
<td>99156</td>
<td></td>
<td></td>
<td>447-2407</td>
<td></td>
<td># disconnected</td>
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<tr>
<td>Pend Oreille County Extension</td>
<td>Educational</td>
<td>P. O. Box 1380</td>
<td>Newport</td>
<td>99156</td>
<td>5th St.</td>
<td>Superintendent</td>
<td>447-3167</td>
<td></td>
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</tr>
<tr>
<td>Pend Oreille County Sheriff</td>
<td>Transportation</td>
<td>806 W. Spokane Hwy</td>
<td>Newport</td>
<td>99156</td>
<td></td>
<td>Peggy Watts-Ed. Coord.</td>
<td>447-4228</td>
<td></td>
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</table>
Pend Oreille County Public Works

Community/Agency/Commercial Survey

This Survey is a beginning step in updating the County’s Solid Waste and Moderate Risk Waste Plans, and is part of an ongoing regulatory requirement to evaluate and improve the current operations and facilities. The County continues to be committed to keeping disposal rates as low as possible and improving waste reduction and recycling opportunities.

Please send completed surveys to: Sheila Pachernegg, PO Box 128, SPOKANE, WA 99210 or drop them off at the Public Works Office, 625 W 4th St. in Newport or at any of the 3 transfer stations in Pend Oreille County ON OR BEFORE DECEMBER 31, 2008. Thank you for participating!!!

COMMUNITY INFORMATION

Name of City/Town: ____________________________________________

Contact Name: _______________________________________________

Phone Number: _______________________________________________

E-mail: ______________________________________________________

COMMERCIAL INFORMATION

Name of Business: ___________________________________________

Contact Name: _______________________________________________

Phone Number: _______________________________________________

AGENCY INFORMATION

Name of Business: U.S. Forest Service-Sullivan Lab R.D.

Contact Name: Jan DeGroat

Phone Number: 509-446-7500

E-mail: jdegroat@fs.fed.us

Would you be interested in reviewing and commenting on the Solid Waste and Moderate Risk Waste Plan update for the County?

YES ____ NO ___

POC SWMP 2008 Survey
10/9/2008
Residential Solid Waste Collection:

City (staff or contracted) ______ Private Collection ______
Name of hauler: _____________________________________________________________
Collection frequency: _______________________________________________________
Quantity collected annually: ________________________________________________

Container size(s) Rates (monthly or weekly)
________________________________________________

Additional charges? _______________________________________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) Quantity Collected
________________________________________________

Commercial Solid Waste Collection:

City (staff or contracted) ______ Private Collection ______
Name of hauler: B+N
Collection frequency: once week
Quantity collected annually: unknown

Container size(s) Rates (monthly or weekly)
unknown $1.50/mo (+)

Additional charges? n/a

Self-Haul _____ (dropbox, transfer station)
Location(s) Quantity Collected
________________________________________________

Internal Waste Reduction and Recycling Programs:

recycle paper cans cardboard

External Recycling Programs:
Name and location of public drop boxes and/or private buyback centers and materials collected:

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Owner</th>
<th>Materials Accepted</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>lone</td>
<td>Pend Oreille City</td>
<td>paper, cans, cardboard</td>
<td>unknown</td>
</tr>
</tbody>
</table>

POC – SWMP 2008 Survey
10/9/2008
Curbside collection programs: nA

Hauler:
Frequency of collection:
Materials collected:
Quantities:
Monthly/annual fees:
Destination of recyclables:

Recycling at special events or collections: nA

<table>
<thead>
<tr>
<th>Event</th>
<th>Sponsor</th>
<th>Materials Collected</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

Yard Waste programs:

nA

Special Wastes:
(Describe management of the following)

Septage (identify permitted pumpers):
Oil/water separator sludges (e.g., car washes):
Fats/oils/grease from sewer interceptors:
Tires:
Construction/demolition debris: contractor responsibility
Wood waste (excluding yard waste):
Biosolids (municipal sewage sludge):
Biomedical wastes (list medical facilities):
Petroleum contaminated soils:
Asbestos:

Industrial wastes:

<table>
<thead>
<tr>
<th>Industry</th>
<th>Waste Generated</th>
<th>Management Methods</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

POC – SWMP 2008 Survey
10/9/2008
Agricultural wastes: 

Animal carcasses: 

Street wastes (e.g., street sweepings and vac truck wastes): 

Electronic wastes (local recyclers): Government in-house program

Other: 

Program Funding Sources and Annual Budgets: 

Enforcement Issues/Concerns: 

Additional Comments: 

POC – SWMP 2008 Survey
10/9/2008
Pend Oreille County Public Works

Community/Agency/Commercial Survey

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COMMUNITY INFORMATION

Name of City/Town: Cusick

Contact Name: Esther Lengly / Paul Haas

Phone Number: 509-445-1125

E-mail: elongly@cusick.wednet.edu

COMMERCIAL INFORMATION

Name of Business: Cusick School District

Contact Name: Paul Haas

Phone Number: 509-445-1125

AGENCY INFORMATION

Name of Business: ____________________________

Contact Name: ______________________________

Phone Number: ______________________________

E-mail: ______________________________

Would you be interested in reviewing and commenting on the Solid Waste and Moderate risk Waste Plan update for the County?

YES ___ NO ___

POC – SWMP 2008 Survey
10/9/2008

RECEIVED
12/9/08
Residential Solid Waste Collection:

City (staff or contracted) ______ Private Collection ______
Name of hauler: ______________________________________
Collection frequency: ________________________________
Quantity collected annually: __________________________

Container size(s) ______ Rates (monthly or weekly)
____________________________________________________
____________________________________________________

Additional charges? __________________________________

Self-Haul ______ (dropbox, transfer station)
Location(s) ______ Quantities Collected
____________________________________________________
____________________________________________________

Commercial Solid Waste Collection:

City (staff or contracted) ______ Private Collection ______
Name of hauler: _______ Excess ______
Collection frequency: _______ Weekly ______
Quantity collected annually: _______

Container size(s) ______ Rates (monthly or weekly)
____________________________________________________
____________________________________________________

Additional charges? __________________________________

Self-Haul ______ (dropbox, transfer station)
Location(s) ______ Quantities Collected
____________________________________________________
____________________________________________________

Internal Waste Reduction and Recycling Programs:

External Recycling Programs:
Name and location of public drop boxes and/or private buyback centers and materials collected:

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Owner</th>
<th>Materials Accepted</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
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</tr>
</tbody>
</table>

POC – SWMP 2008 Survey
10/9/2008
Curbside collection programs:
  Hauler: _____________________________________________________________________________
  Frequency of collection: __________________________________________________________________
  Materials collected: _______________________________________________________________________
  Quantities: _____________________________________________________________________________
  Monthly/annual fees: ______________________________________________________________________
  Destination of recyclables: __________________________________________________________________

Recycling at special events or collections:

<table>
<thead>
<tr>
<th>Event</th>
<th>Sponsor</th>
<th>Materials Collected</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td>We recycle newspapers with Pondeny Newsprint on a regular basis</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Yard Waste programs:**

**Special Wastes:**
(Describe management of the following)

Septage (identify permitted pumpers): ___________________________________________________________________________

Oil/water separator sludges (e.g., car washes): __________________________________________________________________

Fats/oils/grease from sewer interceptors: __________________________________________________________________________

Tires: __________________________________________________________________________________________________________

Construction/demolition debris: ____________________________________________________________________________________

Wood waste (excluding yard waste): _________________________________________________________________________________

Biosolids (municipal sewage sludge): _______________________________________________________________________________

Biomedical wastes (list medical facilities): __________________________________________________________________________

Petroleum contaminated soils: _______________________________________________________________________________________

Asbestos: __________________________________________________________________________________________________________

**Industrial wastes:**

<table>
<thead>
<tr>
<th>Industry</th>
<th>Waste Generated</th>
<th>Management Methods</th>
</tr>
</thead>
</table>

POC – SWMP 2008 Survey
10/9/2008
Agricultural wastes:

Animal carcasses:

Street wastes (e.g., street sweepings and vac truck wastes):

Electronic wastes (local recyclers):

Other:

Program Funding Sources and Annual Budgets:

Enforcement Issues/Concerns:

Additional Comments:
Pend Oreille County Public Works

Community/Agency/Commercial Survey

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COMMUNITY INFORMATION
Name of City/Town: Tonc
Contact Name: Kathy Grass
Phone Number: 509-442-3514
E-mail: Kgrass@newhp.org

COMMERCIAL INFORMATION
Name of Business: Selkirk Community Health Center
Contact Name: Kathy Grass
Phone Number: Kgrass@newhp.org

AGENCY INFORMATION
Name of Business: _______________________
Contact Name: _______________ Same as above
Phone Number: _______________________
E-mail: _______________________

Would you be interested in reviewing and commenting on the Solid Waste and Moderate risk Waste Plan update for the County?
YES  X  NO  _____
Residential Solid Waste Collection:

City (staff or contracted) _____ Private Collection _____
Name of hauler: ____________________________
Collection frequency: _______________________
Quantity collected annually: __________________

Container size(s) Rates (monthly or weekly)
______________________________

Additional charges? ________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) Quantities Collected

____________

Commercial Solid Waste Collection:

City (staff or contracted) _____ Private Collection X
Name of hauler: Ban Sanitary "Weekly"
Collection frequency: _______________________
Quantity collected annually: __________________

Container size(s) Rates (monthly or weekly)
______________________________

Additional charges? ________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) Quantities Collected

____________

Internal Waste Reduction and Recycling Programs:

External Recycling Programs:
Name and location of public drop boxes and/or private buyback centers and materials collected:

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Owner</th>
<th>Materials Accepted</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

POC – SWMP 2008 Survey
10/9/2008
Curbside collection programs:
   Hauler: ________________________________
   Frequency of collection: ________________
   Materials collected: ____________________
   Quantities: ____________________________
   Monthly/annual fees: ___________________
   Destination of recyclables: _____________

Recycling at special events or collections:
   Event  |  Sponsor  |  Materials Collected  |  Quantities
   ------------------------------------------
   ____________________________
   ____________________________

Yard Waste programs:

Special Wastes:
(Describe management of the following)

Septage (identify permitted pumpers): ________________________________

Oil/water separator sludges (e.g., car washes): ____________________

Fats/oils/grease from sewer interceptors: __________________________

Tires: __________________________

Construction/demolition debris: ________________________________

Wood waste (excluding yard waste): ________________________________

Biosolids (municipal sewage sludge): ____________________________

Biomedical wastes (list medical facilities): _______________________

Petroleum contaminated soils: ________________________________

Asbestos: ________________________________

Industrial wastes:
   Industry  |  Waste Generated  |  Management Methods
   ------------------ | ------------------ | ------------------
   __________________ |                    |                    
   __________________ |                    |                    

POC – SWMP 2008 Survey
10/9/2008
Agricultural wastes: None

Animal carcasses: None

Street wastes (e.g., street sweepings and vac truck wastes):

Electronic wastes (local recyclers): Have need but never know what's available

Other:

Program Funding Sources and Annual Budgets:

Enforcement Issues/Concerns:

Additional Comments:

Everything goes into dumpster except biohazard which is picked up by Stericycle.
Pend Oreille County Public Works

Community/Agency/Commercial Survey

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COMMUNITY INFORMATION

Name of City/Town: Town of Cusick, WA
Contact Name: Robert Spencer
Phone Number: 991-9263 - 495-1718
E-mail: ______________________________

COMMERCIAL INFORMATION

Name of Business: ______________________________
Contact Name: ______________________________
Phone Number: ______________________________ MAR 18 2009

AGENCY INFORMATION

Name of Business: ______________________________
Contact Name: ______________________________
Phone Number: ______________________________
E-mail: ______________________________

Would you be interested in reviewing and commenting on the Solid Waste and Moderate risk Waste Plan update for the County?
YES ____ NO ___

POC – SWMP 2008 Survey
10/9/2008
Residential Solid Waste Collection:

City (staff or contracted) ______ Private Collection ❌
Name of hauler: Excess Disposal
Collection frequency: 1 per week
Quantity collected annually: Unknown

Container size(s) Rates (monthly or weekly)
30 ga $17.00 Every two months

Additional charges: ________________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) Quantities Collected
Quicksilver Transfer Station
Door Valley Station

Commercial Solid Waste Collection:

City (staff or contracted) ______ Private Collection
Name of hauler: Excess Disposal
Collection frequency: ________________________________
Quantity collected annually: ________________________________

Container size(s) Rates (monthly or weekly)
$10.00 ________________________________

Additional charges: ________________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) Quantities Collected

Internal Waste Reduction and Recycling Programs:

External Recycling Programs:
Name and location of public drop boxes and/or private buyback centers and materials collected:

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
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<tbody>
<tr>
<td>Owner</td>
<td>Materials Accepted</td>
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</table>

POC – SWMP 2008 Survey
10/9/2008
Curbside collection programs:

Hauler: _____________

Frequency of collection: 1 per week

Materials collected: Everything except tires, mattress, etc.

Quantities: ____________

Monthly/annual fees: ____________

Destination of recyclables: ____________

Recycling at special events or collections:

<table>
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<tr>
<th>Event</th>
<th>Sponsor</th>
<th>Materials Collected</th>
<th>Quantities</th>
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Yard Waste programs:

Problem: Burn tires outside UGA.

Special Wastes:

(Describe management of the following)

Septage (identify permitted pumpers): None

Oil/water separator sludges (e.g., car washes): None

Fats/oils/grease from sewer interceptors: None

Tires: To transfer station or accumulate in yard.

Construction/demolition debris: None to Clear Valley.

Wood waste (excluding yard waste):

Biosolids (municipal sewage sludge): None

Biomedical wastes (list medical facilities): None

Petroleum contaminated soils: None

Asbestos: N/A

POC – SWMP 2008 Survey
10/9/2008
Industrial wastes:

<table>
<thead>
<tr>
<th>Industry</th>
<th>Waste Generated</th>
<th>Management Methods</th>
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</table>

Agricultural wastes:

Animal carcasses:

Street wastes (e.g., street sweepings and vac truck wastes):

Electronic wastes (local recyclers):

Other:

Program Funding Sources and Annual Budgets:

Enforcement Issues/Concerns:

Waste accumulates in ditches because low income folks won't pay for removal.

Additional Comments:

Town has sponsored a "Clean Up" for annual fee.

Town hauled @10 tons per year from town at Town's expense.
Community/Agency/Commercial Survey

This Survey is a beginning step in updating the County’s Solid Waste and Moderate Risk Waste Plans, and is part of an ongoing regulatory requirement to evaluate and improve the current operations and facilities. The County continues to be committed to keeping disposal rates as low as possible and improving waste reduction and recycling opportunities.

*Please send completed surveys to: Sheila Pachernegg, PO Box 128, SPOKANE, WA 99210 or drop them off at the Public Works Office, 625 W 4th St. in Newport or at any of the 3 transfer stations in Pend Oreille County ON OR BEFORE DECEMBER 31, 2008. Thank you for participating!!*

**COMMUNITY INFORMATION**

Name of City/Town: Newport, WA.

Contact Name:__________________________

Phone Number:__________________________

E-mail:______________________________

**COMMERCIAL INFORMATION**

Name of Business: Pend Oreille County Extension

Contact Name: Lisa Hemphill

Phone Number: 509-447-2401

**AGENCY INFORMATION**

Name of Business:__________________________

Contact Name:__________________________

Phone Number:__________________________

E-mail: hemphill@wsu.edu

Would you be interested in reviewing and commenting on the *Solid Waste and Moderate risk Waste Plan* update for the County?

YES _____ NO _____
Residential Solid Waste Collection:  n/a

City (staff or contracted) ____  Private Collection ____
Name of hauler: ____________________________________________
Collection frequency: ______________________________________
Quantity collected annually: ________________________________

Container size(s) _______ Rates (monthly or weekly)
________________________________________________________

Additional charges? ______________________________________

Self-Haul ____ (dropbox, transfer station)
Location(s) ______________ Quantities Collected
________________________________________________________

Commercial Solid Waste Collection:  n/a

City (staff or contracted) ____  Private Collection ____
Name of hauler: ____________________________________________
Collection frequency: ______________________________________
Quantity collected annually: ________________________________

Container size(s) _______ Rates (monthly or weekly)
________________________________________________________

Additional charges? ______________________________________

Self-Haul ____ (dropbox, transfer station)
Location(s) ______________ Quantities Collected
________________________________________________________

Internal Waste Reduction and Recycling Programs:

Recycle Paper and cardboard

External Recycling Programs:  n/a
Name and location of public drop boxes and/or private buyback centers and materials collected:

<table>
<thead>
<tr>
<th>Type</th>
<th>Location</th>
<th>Owner</th>
<th>Materials Accepted</th>
<th>Quantities</th>
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</tbody>
</table>
Curbside collection programs: N/A
Hauler: ________________________________
Frequency of collection: ________________________________
Materials collected: ________________________________
Quantities: ________________________________
Monthly/annual fees: ________________________________
Destination of recyclables: ________________________________

Recycling at special events or collections: N/A

<table>
<thead>
<tr>
<th>Event</th>
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</table>

Yard Waste programs: N/A

Special Wastes:
(Describe management of the following)

Septage (identify permitted pumpers): County Office / City Sewer
Oil/water separator sludges (e.g., car washes): N/A
Fats/oils/grease from sewer interceptors: N/A
Tires: N/A
Construction/demolition debris: N/A
Wood waste (excluding yard waste): N/A
Biosolids (municipal sewage sludge): N/A
Biomedical wastes (list medical facilities): N/A
Petroleum contaminated soils: N/A
Asbestos: N/A
Industrial wastes: N/A

Industry | Waste Generated | Management Methods
---------|-----------------|-------------------

POC – SWMP 2008 Survey
10/9/2008
Agricultural wastes:______________________________

Animal carcasses:________________________________

Street wastes (e.g., street sweepings and vac truck wastes):______________________________

Electronic wastes (local recyclers):___________________________________________________

Other:____________________________________________________________________________

Program Funding Sources and Annual Budgets:

Enforcement Issues/Concerns:

Additional Comments:

All waste baskets are emptied by County cleaning services - county contract.
Pend Oreille County Public Works  

Community/Agency/Commercial Survey  

This Survey is a beginning step in updating the County’s Solid Waste and Moderate Risk Waste Plans, and is part of an ongoing regulatory requirement to evaluate and improve the current operations and facilities. The County continues to be committed to keeping disposal rates as low as possible and improving waste reduction and recycling opportunities.

Please send completed surveys to: Pend Oreille County Solid Waste, PO Box 5041, Newport, WA 99156 or drop them off at the Public Works Office, 625 W 4th St. in Newport or at any of the 3 transfer stations in Pend Oreille County ON OR BEFORE DECEMBER 31, 2008.

Community Information  
Name of City/Town: Metalcine Falls  
Contact Name: Deborah Matthews, Clerk or Tara Leinwagen, Mayor  
Phone Number: 509.446.2211  
E-mail: metfals@potc.net  

Commercial Information  
Name of Business:  
Contact Name:  
Phone Number:  

Agency Information  
Name of Business:  
Contact Name:  
Phone Number:  
E-mail:  

Would you be interested in reviewing and commenting on the Solid Waste and Moderate Risk Waste Plan update for the County?  
YES ___  NO ___  

POC – SWMP 2008 Survey  
10/9/2008
Residential Solid Waste Collection:

City (staff or contracted) ______ Private Collection X
Name of hauler: B+N SANITARY
Collection frequency: ONCE A WEEK
Quantity collected annually: unk

Container size(s) ______ Rates (monthly or weekly) ______

Additional charges? ______

Self-Haul X (dropout, transfer station)
Location(s) ______ Quantities Collected
Lone Transfer Station unk

Commercial Solid Waste Collection:

City (staff or contracted) ______ Private Collection X
Name of hauler: B+N SANITARY
Collection frequency: ______
Quantity collected annually: ______

Container size(s) ______ Rates (monthly or weekly) ______

Additional charges? ______

Self-Haul X (dropout, transfer station)
Location(s) ______ Quantities Collected
Lone Transfer Station unk

Internal Waste Reduction and Recycling Programs:

N/A

External Recycling Programs:
Name and location of public drop boxes and/or private buyback centers and materials collected: N/A

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<tr>
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<th>Quantities</th>
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POC – SWMP 2008 Survey
10/9/2008
Curbside collection programs:
  Hauler: ________________________________________________
  Frequency of collection: _________________________________
  Materials collected: ______________________________________
  Quantities: _____________________________________________
  Monthly/annual fees: ________________________________
  Destination of recyclables: ________________________________

Recycling at special events or collections:

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</table>

Yard Waste programs:

\( N/A \)

Special Wastes: \( N/A \)
(Describe management of the following)

Septage (identify permitted pumpers): ______________________________________

Oil/water separator sludges (e.g., car washes): ________________________________

Fats/oils/grease from sewer interceptors: ________________________________

Tires: ________________________________

Construction/demolition debris: ________________________________

Wood waste (excluding yard waste): ________________________________

Biosolids (municipal sewage sludge): ________________________________

Biomedical wastes (list medical facilities): ________________________________

Petroleum contaminated soils: ________________________________

Asbestos: ________________________________

POC – SWMP 2008 Survey
10/9/2008
Industrial wastes:

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</table>

Agricultural wastes: ________________________________

Animal carcasses: ________________________________

Street wastes (e.g., street sweepings and vac truck wastes): ________________________________

Electronic wastes (local recyclers): ________________________________

Other: ________________________________

Program Funding Sources and Annual Budgets:

N/A

Enforcement Issues/Concerns:

N/A

Additional Comments: 
Pend Oreille County Public Works  

Community/Agency/Commercial Survey

This Survey is a beginning step in updating the County’s Solid Waste and Moderate Risk Waste Plans, and is part of an ongoing regulatory requirement to evaluate and improve the current operations and facilities. The County continues to be committed to keeping disposal rates as low as possible and improving waste reduction and recycling opportunities.

Please send completed surveys to: Pend Oreille County Solid Waste, PO Box 5041, Newport, WA 99156 or drop them off at the Public Works Office, 625 W 4th St. in Newport or at any of the 3 transfer stations in Pend Oreille County ON OR BEFORE DECEMBER 31, 2008.

COMMUNITY INFORMATION

Name of City/Town: Metaline

Contact Name: Trent Hanson

Phone Number: 509-464-4641 - Hm 446-3010

E-mail: ________________________________

COMMERCIAL INFORMATION

Name of Business: Town of Metaline

Contact Name: Same as above

Phone Number: ________________________________

AGENCY INFORMATION

Name of Business: ________________________________

Contact Name: ________________________________

Phone Number: ________________________________

E-mail: ________________________________

Would you be interested in reviewing and commenting on the Solid Waste and Moderate risk Waste Plan update for the County?

YES ___  NO X

POC – SWMP 2008 Survey  
10/9/2008
Residential Solid Waste Collection:

City (staff or contracted) _____ Private Collection _____
Name of hauler: ____________________________
Collection frequency: ___ B & N ___
Quantity collected annually: ____________________________

Container size(s) ______ Rates (monthly or weekly) _____________

Additional charges? _______________________________________________________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) __________________ Quantities Collected __________________

Commercial Solid Waste Collection:

City (staff or contracted) _____ Private Collection _____
Name of hauler: ____________________________
Collection frequency: ____________________________
Quantity collected annually: ____________________________

Container size(s) ______ Rates (monthly or weekly) _____________

Additional charges? _______________________________________________________________________

Self-Haul _____ (dropbox, transfer station)
Location(s) __________________ Quantities Collected __________________

Internal Waste Reduction and Recycling Programs:

External Recycling Programs:
Name and location of public drop boxes and/or private buyback centers and materials collected:

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<td>POC - SWMP 2008 Survey</td>
<td>10/9/2008</td>
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</tr>
</tbody>
</table>
Curbside collection programs:
  Hauler: 8
  Frequency of collection: Weekly
  Materials collected: Assf
  Quantities: 2 CN
  Monthly/annual fees:
  Destination of recyclables: Transfer Station

Recycling at special events or collections:
<table>
<thead>
<tr>
<th>Event</th>
<th>Sponsor</th>
<th>Materials Collected</th>
<th>Quantities</th>
</tr>
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</table>

Yard Waste programs:

Special Wastes:
(Describe management of the following)

Septage (identify permitted pumpers): N/A

Oil/water separator sludges (e.g., car washes): N/A

Fats/oils/grease from sewer interceptors: N/A

Tires: N/A

Construction/demolition debris: N/A

Wood waste (excluding yard waste): N/A

Biosolids (municipal sewage sludge): 2 Bags - Monthly

Biomedical wastes (list medical facilities): N/A

Petroleum contaminated soils: N/A

Asbestos: N/A

POC – SWMP 2008 Survey
10/9/2008
Industrial wastes:

<table>
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</table>

Agricultural wastes: ____________________________

Animal carcasses: ____________________________

Street wastes (e.g., street sweepings and vac truck wastes): ____________________________

Electronic wastes (local recyclers): ____________________________

Other: ____________________________

Program Funding Sources and Annual Budgets:

City budgets

Enforcement Issues/Concerns:

N/A

Additional Comments:
This Survey is the beginning step in updating the County's solid waste and moderate risk waste plans, and is part of an ongoing regulatory requirement to evaluate and improve the current operations and facilities. The County continues to be committed to keeping disposal rates as low as possible and improving recycling opportunities.

40 SURVEYS RETURNED

Please send completed surveys to: Pend Oreille County Solid Waste, PO Box 5041, Newport, WA 99156 or drop them off at the Public Works Office, 625 W 4th St. in Newport or at any of the 3 transfer stations in Pend Oreille County ON OR BEFORE DECEMBER 31, 2008.

1. Are the current solid waste facilities (Newport Transfer station, Usk and Ione drop box sites) serving your waste disposal needs? Yes 35  No 4  Undecided 1
   Comments/Recommendations: "WOULD LIKE PLASTIC RECYCLED. MANY STATES HAVE DUMP FEES FIGURED INTO PROPERTY TAXES SO THERE IS NO FEE"

2. Do the operating days and hours meet your needs? Yes 33  No 4  Undecided 3
   Comments/Recommendations: "SAT, OPEN GOOD. EARLIER WOULD BE BETTER. PERFECT HOURS FOR ME. MINIMAL HOURS ON TUES, THURSDAY."

3. Are the recycling opportunities (metal, tin cans, cardboard, newspaper, aluminum cans, glass) meeting your needs? Yes 29  No 8  Undecided 3
   Comments/Recommendations: "WHY NOT PLASTIC? NEED MORE DROP-OFF SITES, NEED CURBSIDE PICKUP IN TOWNS, NEED TO UPDATE FACILITIES"

4. How would you improve or expand the current recycling system? "ALREADY VERY NEAT, ORDERLY"
   Comments/Recommendations: "THEY ARE FINE. I SAW TO ADD PLASTIC, ADO YARD WASTE, COMPOSING, MORE CONVENIENT DROP-OFF SITES AND BULK ALUMINUM, ADD E-CYCLE, TOO PICKY WITH ITEMS TO RECYCLE"

5. What do you do with your yard waste?
   Home compost: 23  Bring to transfer station: 10  Burn: 21  Other: 2 (Chippit)
   Comments/Recommendations: "GO TO BONNERS FERRY, PUT ON FIELDS, SELL SOIL. 13 SAID THEY DO NOT WANT TO PAY FOR YARD WASTE"

6. Within the last year, have you dropped off any moderate risk waste (such as paint, oil, antifreeze, batteries, etc.) at the County facilities? Yes 30  No 10
   Comments/Recommendations: "I THINK THERE SHOULD BE FINES FOR TRASH (TIRES, CHEMICALS, ETC.) LEFT ALL OVER PROPERTIES"

7. Starting next year, the South County Transfer Station will be a collection site for electronic waste (televisions, computers, monitors, and laptops).
   Would you use such a service? Yes 33  No 2  Undecided 5
   Comments/Recommendations: 

8. Would you be interested in reviewing and commenting on the solid waste and moderate risk waste plan updates for the County? Yes 14  No 20  1 NO ANSWER
   Name:
   Phone Number: 17 SURVEYS HAD PEOPLE'S NAME
   Email Address: TELEPHONE # AND/OR EMAIL ADDRESS
APPENDIX B
D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent of the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

   The Solid Waste Management Plan (SWMP) provides for the continued operation of municipal solid waste disposal and transfer services with waste stream volumes increasing in direct proportion to population and disposal rates. Proposed measures by Pend Oreille County, to avoid or reduce such increases, include: continued operation of the household moderate risk waste processing facility to remove toxic and hazardous substances from the community and potential release; development of an e-waste collection site at the South County Transfer Station; and key components of the SWMP to continue increasing recycling and waste reduction efforts to reduce the volumes of materials collected need to be disposed of as solid waste and household hazardous waste.

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

   No adverse impacts are anticipated.
   Proposed measures to protect or conserve plants, animals, fish, or marine life are: None proposed.

3. How would the proposal be likely to deplete energy or natural resources?

   No depletions of energy or natural resources are anticipated.
   Proposed measures to protect or conserve energy and natural resources are: Proposed measures may actually facilitate conserving energy and natural resources, if more recycling and reuse occurs due to improved opportunity at the facilities.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

   No adverse use or impacts anticipated.
   Proposed measures to protect such resources or to avoid or reduce impacts are: None proposed.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

   No adverse impacts anticipated.
   Proposed measures to avoid or reduce shoreline and land use impacts are: None proposed.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

   No increased demands anticipated.
   Proposed measures to reduce or respond to such demand(s) are: None proposed.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

   No conflicts are anticipated.
WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:
The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:
This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:
Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND
   1. Name of proposed project, if applicable:
      Pend Oreille County Solid Waste Management Plan Update (includes Moderate Risk Waste Plan Update).

   2. Name of applicant:
      Pend Oreille County

   3. Address and phone number of applicant and contact person:
      Pend Oreille County
      Public Works Department
      P. O. Box 5041
      Newport, WA 99156

      Contact: Ron Curren – Public Works Director – Tel: 509-447-4513

   4. Date checklist prepared:
      December 21, 2009

   5. Agency requesting checklist:
      Northeast Tri-County Health District and Washington State Department of Ecology (Ecology)
6. Proposed timing or schedule (including phasing, if applicable):
   Planning document review and approval by March 31, 2010; and implementation of recommendations over a
   five (5) year period.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
   1) Expansion of Usk Drop Box Site (Central County) facility area for construction of new operations building and scale installation.
   2) Recycling Building and baler at Deer Valley (South County) Transfer Station.
   3) Construction, demolition, and land clearing (CDL) diversion area at Deer Valley Transfer Station (South County).
   4) Computerized scales at all three (3) facilities.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
   Solid Waste Transfer Station Operations Plan (July 2005)

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.
   No pending applications

10. List any government approvals or permits that will be needed for your proposal, if known.
    Permit from Northeast Tri-County Health District, with review and approval from Ecology.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

    Pend Oreille County (current population of approximately 12,800) collects and transfers approximately 8,000 tons of municipal solid waste (MSW) and approximately 650 tons of recyclable materials on an annual basis. The County owns three (3) disposal and transfer facilities and subcontracts operations. Two (2) franchise haulers collect and transport solid waste from customers (residential and commercial) to the County facilities. The South County (Deer Valley) transfer station consolidates franchise hauler waste (comprising approximately 50 - 55% of the County waste stream) and public disposal from the southern portion of the County (an additional 30 - 35% of the waste stream). Attended drop box sites are located in the northern portion of the County at Utopia and in Central County at Usk. Drop box waste comprises the remaining waste stream balance of 10 - 20%, with collected waste hauled to the transfer station at Deer Valley (Newport).

    Regional Disposal Company (Allied Waste, Seattle) consolidates all County MSW at the Deer Valley (Newport) transfer station into 40-cubic yard trailers and transports (by truck) to Spokane. The trailers are then rail transported for disposal at the Klickitat County Roosevelt Landfill (Regional Disposal).

    Collection boxes for scrap metal, newspaper, cardboard, aluminum cans, tin cans, and container glass are provided free of charge at the transfer stations. The public cleans, separates, and delivers components to the correct collection box. Various vendors, as well as church and civic groups, also collect individual components at the sites. The Deer Valley transfer station is also a collection site for electronic waste (e-waste).

    Household hazardous waste (HHW) is collected at all of the County MSW facilities and processed at the Deer Valley (Newport) transfer station. Disposal of HHW occurs prior to MSW drop-off and is provided as a free service to County residents. Processed waste is shipped to various locations, with some items reused locally (example—waste oil in shop heaters). Countywide average annual volumes are approximately 37.5 tons of Moderate Risk Waste, which includes approximately 12.7 tons of waste oil.
This Solid Waste Management Plan (SWMP) Update (2009) proposes primarily operational changes, with associated maintenance and upgrade work within the boundaries of and on existing facilities to improve existing collection and processing operations. The SWMP also proposes improvements in the recycling of cardboard, metal, and CDL (construction, demolition, and land clearing) debris. The County is proposing to continue operations of the existing facilities, with the following changes: construction of a recycling building and baler, e-waste collection, and CDL diversion area at the South County (Deer Valley) Transfer Station, limited expansion of approximately one acre of the operational area and installation of a scale at the Central County (Usk) Drop Box Site, and conversion to electronic scaling at all three facilities (Ione, Deer Valley, and Usk).

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Refer to the SWMP Update (2009) for specific details.

Rural Pend Oreille County is located in the extreme northeastern corner of Washington State. The County geography is narrow (22 miles in width and 66 miles long) and generally follows the north-flowing Pend Oreille River. Spokane County adjoins the south boundary, the eastern boundary is the Washington-Idaho state line, Stevens County forms the west boundary, and the northern boundary is at the U.S.-Canada border (British Columbia).

The South County Transfer Station, located on Deer Valley Road approximately 5 miles southwest of Newport, occupies about 10 acres. The Usk Drop Box site is on the Jared Road (about 3 miles southwest of Usk), and the Ione Drop Box site is on Sullivan Lake Road (about 3 miles southeast of Ione). Both Drop Box sites occupy about 2 acres.

B. ENVIRONMENTAL ELEMENTS

The goals of the SWMP Update are to reduce waste and improve recycling, resulting in less waste disposed of in a regional landfill. The proposed changes in operations and facilities consist of improvements to the existing facilities: Recycling building and baler, e-waste collection, computerized scaling, and CDL diversion area at the South County (Deer Valley) Transfer Station; computerized scaling at the North County (Ione) Drop Box Site; and limited expansion of the operational area, installation of a scale, and computerized scaling at the Central County (Usk) Drop Box Site. Refer to the SWMP Update (2009).

The following is referenced to a proposed expansion of the Usk facility onto property immediately to west of the existing facility along the Jared Road. Work will generally involve movement of the perimeter fence to the west and north several hundred feet to expand the existing facility by approximately one acre onto previously disturbed ground, remove a few small evergreen trees and some topsoil (less than 500 cubic yards), and place permeable gravel to provide a hard surface for solid waste containers and vehicles. Scale installation will be within the current operational area.
1. Earth
   a. General description of the site: Flat, rolling, hilly, steep slopes, mountainous, other
   b. What is the steepest slope on the site (approximate percent slope)? Approximately 2% to the North
   c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland. **Dalkena fine sandy loam (approximately 60% sand with a clay component).**
   d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **No history of unstable soils in the immediate vicinity. Dalkena fine sandy loam is not considered erodible at the proposed flat grades.**
   e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill. **Minimal grading for operations and access. Fill available through County sources. A tree and vegetation buffer will be preserved and maintained on the north side before the drainage ditch that provides the boundary restraint.**
   f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe. **Minimal erosion during grading, but will be surfaced with gravel.**
   g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)? **No additional impervious surfaces.**
   h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any. **Buffer and drainage ditch will be preserved.**

2. Air
   a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known. **Minimal dust during grading.**
   b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. **None anticipated.**
   c. Proposed measures to reduce or control emissions or other impacts to air, if any: **None proposed.**
3. Water
   a. Surface:

   1) Is there any surface water body on or in the immediate vicinity of the site (including
      year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type
      and provide names. If appropriate, state what stream or river it flows into. **Drainage channels and wetland
      areas associated with Calispell Lake are located northwest of the Usk facility.**
   2) Will the project require any work over, in, or adjacent to (within 200 feet) the described
      waters? If yes, please describe and attach available plans. **None of the work is within 200 feet of the above.**
   3) Estimate the amount of fill and dredge material that would be placed in or removed
      from surface water or wetlands and indicate the area of the site that would be affected.
      Indicate the source of fill material. **None**
   4) Will the proposal require surface water withdrawals or diversions? Give general
      description, purpose, and approximate quantities if known. **None**
   5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan. **Area designated as
      Zone X – determined to be outside the 500-year flood and protected by levee from 100-year flood.**
   6) Does the proposal involve any discharges of waste materials to surface waters? If so,
      describe the type of waste and anticipated volume of discharge. **None**

   b. Ground:

   1) Will ground water be withdrawn, or will water be discharged to ground water? Give
      general description, purpose, and approximate quantities if known. **None**
   2) Describe waste material that will be discharged into the ground from septic tanks or
      other sources, if any (for example: Domestic sewage; industrial, containing the
      following chemicals . . . agricultural; etc.). Describe the general size of the system, the
      number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the
      system(s) are expected to serve. **None**

   c. Water runoff (including storm water):

   1) Describe the source of runoff (including storm water) and method of collection
      and disposal, if any (include quantities, if known). Where will this water flow?
      Will this water flow into other waters? If so, describe. **Storm water runoff will be controlled onsite during
      construction activities through berms, ditches and onsite infiltration areas.**
   2) Could waste materials enter ground or surface waters? If so, generally describe. **Storm water runoff from
      construction areas will be segregated from operational areas and controlled onsite.**

   d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: **Maintain tree and
      vegetative buffer at Usk and work within existing footprints at other sites.**

4. Plants
   a. Check or circle types of vegetation found on the site:

   ——— deciduous tree: alder, maple, aspen, other
   ——— evergreen tree: fir, cedar, pine, other
   ——— shrubs
   ——— grass
   ——— pasture
   ——— crop or grain
   ——— wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
   ——— water plants: water lily, eelgrass, milfoil, other
   ——— other types of vegetation

   b. What kind and amount of vegetation will be removed or altered? **Shrubs, trees, and grass (less than 1 acre).**
c. List threatened or endangered species known to be on or near the site. None known

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:
   birds: hawk, heron, eagle, songbirds, other:
   mammals: deer, bear, elk, beaver, other:
   fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site. None known.
c. Is the site part of a migration route? If so, explain. Unknown.
d. Proposed measures to preserve or enhance wildlife, if any: None proposed.

6. Energy and natural resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc. None required.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe. No.
c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any: None required.

7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. None anticipated.
   1) Describe special emergency services that might be required.
   2) Proposed measures to reduce or control environmental health hazards, if any:

b. Noise
   1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? Equipment and traffic.
   2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

   Construction operations during daylight hours only and temporary (short-term – construction duration).

   3) Proposed measures to reduce or control noise impacts, if any: None proposed.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties? Expansion site is open space, adjacent to existing Usk drop box site. Surrounding properties agricultural, open space, and rural residential.

b. Has the site been used for agriculture? If so, describe. Open space.
c. Describe any structures on the site. None.
d. Will any structures be demolished? If so, what? None.
e. What is the current zoning classification of the site? N/A.
f. What is the current comprehensive plan designation of the site? Agriculture (Open Space).
g. If applicable, what is the current shoreline master program designation of the site? NA.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
i. Approximately how many people would reside or work in the completed project? 1 to 2 County staff/contractors.
j. Approximately how many people would the completed project displace? None.
k. Proposed measures to avoid or reduce displacement impacts, if any: None required.
l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: None proposed.

9. Housing – Not Applicable
a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.
b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.
c. Proposed measures to reduce or control housing impacts, if any:

10. Aesthetics
a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? Single-story scale house.
b. What views in the immediate vicinity would be altered or obstructed? None
c. Proposed measures to reduce or control aesthetic impacts, if any: None proposed.

11. Light and glare
a. What type of light or glare will the proposal produce? What time of day would it mainly occur? No changes from existing facility.
b. Could light or glare from the finished project be a safety hazard or interfere with views? None anticipated.
c. What existing off-site sources of light or glare may affect your proposal? None anticipated.
d. Proposed measures to reduce or control light and glare impacts, if any: None proposed.

12. Recreation – Not Applicable
a. What designated and informal recreational opportunities are in the immediate vicinity?
b. Would the proposed project displace any existing recreational uses? If so, describe.
c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

13. Historic and cultural preservation
a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. None 
b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. None 
c. Proposed measures to reduce or control impacts, if any: None proposed.

14. Transportation – Not Applicable – no changes from existing facility
a. Identify public streets and highways serving the site, and describe proposed access to the existing street system.
   Show on site plans, if any.
b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
c. How many parking spaces would the completed project have? How many would the project eliminate?
d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
g. Proposed measures to reduce or control transportation impacts, if any:

15. Public services
a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. No increased need.
b. Proposed measures to reduce or control direct impacts on public services, if any. None proposed.
16. Utilities
a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other. **None within expansion area. Electricity and portable toilet available at existing facility.**
b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. **None proposed.**

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: ________________________ Date Submitted: 8-20-10
Pend Oreille County
PUBLIC WORKS DEPARTMENT
P. O. Box 5066 Newport, Washington 99156-5066
Phone: 509-447-4821 Fax: 509-447-5890
Mike Lithgow Director Rick Cruse Building Inspector Todd McLaughlin Natural Resource Planner

SEPA
DETERMINATION OF NONSIGNIFICANCE

Description Pend Oreille County Solid Waste Management Plan Update

Proponent: Pend Oreille County Public Works (Solid Waste Division)
P.O. Box 5040
Newport, WA 99156

Location Pend Oreille County Washington

Lead Agency: Pend Oreille County Public Works Department

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed SEPA environmental checklist dated Dec. 21, 2010, and other information on file with the lead agency. This information is available to the public on request. This DNS is issued under the authority of WAC 197-11-340(1); the lead agency will not act on this proposal for 14 days from the date below.

Responsible

Official: Mike Lithgow

Title: Director

Address: Pend Oreille County Community Development
Post Office Box 5066
Newport, WA 99156-5066
(509) 447-4821 FAX 447-5890

Date: Sept. 24, 2010

Mike Lithgow, Director
COST ASSESSMENT QUESTIONNAIRE

Please provide the information requested below:

PLAN PREPARED FOR THE COUNTY OF: Pend Oreille County

PREPARED BY: Ron Curren, Beth Gillespie of Pend Oreille County Public Works Division and Randy Knight, Consultant

CONTACT TELEPHONE: (509) 447-4513  DATE: December 2009

DEFINITIONS:

Please provide these definitions as used in the Solid Waste Management Plan and the WUTC Cost Assessment Questionnaire.

Throughout this document:

YR.1 shall refer to January 1 – December 31, 2008
YR.3 shall refer to January 1 – December 31, 2010
YR.6 shall refer to January 1 – December 31, 2013

1. DEMOGRAPHICS: To assess the generation, recycling and disposal rates of an area, it is necessary to have population data. This information is available from many sources (e.g., the State Data Book, County Business Patterns, or the State Office of Finance and Management).

1.1 Population

1.1.1 What is the total population of your County/City?

YR.1 12,800  YR.3 13,683  YR.6 14,000

1.1.2 For counties, what is the population of the area under your jurisdiction? (Exclude cities choosing to develop their own solid waste management system.)
YR.1  12,800  YR.3  13,683  YR.6  14,000


2.  WASTE STREAM GENERATION: The following questions ask for total tons recycled and total tons disposed. Total tons disposed are those tons disposed of at a landfill, incinerator, transfer station or any other form of disposal you may be using. If other, please identify.

2.1 Tonnage Recycled

2.1.1  Please provide the total tonnage recycled in the base year, and projections for years three and six.

    YR.1  692  YR.3  727  YR.6  784

2.2 Tonnage Disposed

2.2.1  Please provide the total tonnage disposed in the base year, and projections for years three and six.

    YR.1  8,124  YR.3  8,549  YR.6  9,227

2.  References and Assumptions – On page 62 in our Solid Waste Plan Update is Table 7-4: Pend Oreille County Solid Waste Budget Forecast shows “Estimated Refuse Weight in Tons” increasing 2.58% annually. On page 30 in the Solid Waste Plan Update is Table 3-2 which shows 2008 annual recycling rate of 8.5%. Recycling tonnage projections are assumed to be at 8.5% rate for YR 3 and projected to a 9% rate for YR 6 and based on the approximate tonnage disposed.

3.  SYSTEM COMPONENT COSTS: This section asks questions specifically related to the types of programs currently in use and those recommended to be started. For each component (i.e., waste reduction, landfill, composting, etc.) please describe the anticipated costs of the program(s), the assumptions used in estimating the costs and the funding mechanisms to be used to pay for it. The heart of deriving a rate impact is to know what programs will be passed through to the collection rates, as opposed to being paid for through grants, bonds, taxes and the like.
3.1 Waste Reduction Programs

3.1.1 Please list the solid waste programs which have been implemented and those programs which are proposed. If these programs are defined in the SWM plan please provide the page number. (Attach additional sheets as necessary.)

   IMPLEMENTED
   
   PROPOSED

3.1.2 What are the costs, capital costs and operating costs for waste reduction programs implemented and proposed?

   IMPLEMENTED
   YR.1 _________ YR.3 _________ YR.6 _________

   PROPOSED
   YR.1 _________ YR.3 _________ YR.6 _________

3.1.3 Please describe the funding mechanism(s) that will pay the cost of the programs in 3.1.2.

   IMPLEMENTED
   YR.1 _________ YR.3 _________ YR.6 _________

   PROPOSED
   YR.1 _________ YR.3 _________ YR.6 _________

3.2 Recycling Programs
3.2.1 Please list the proposed or implemented recycling program(s) and, their costs, and proposed funding mechanism or provide the page number in the draft plan on which it is discussed. (Attach additional sheets as necessary.)

IMPLEMENTED and PROPOSED See Table 8-1 Implementation Schedule attached at the end (Also, the same Table 8-1 follows page 66 in the 2009 Pend Oreille County Solid Waste Plan Update, pages i – ix)

3.3 Solid Waste Collection Programs

3.3.1 Regulated Solid Waste Collection Programs
Fill in the table below for each WUTC regulated solid waste collection entity in your jurisdiction. (Make additional copies of this section as necessary to record all such entities in your jurisdiction.)

WUTC Regulated Hauler Name: Excess Disposal
Cindy Low and Rod Troudt, 2654 East Hwy 2 Oldtown, ID 83822 (208) 437-4502

G-permit #G-000107

YR 1: About 700 residential increasing by about 50 in the summer and 240 commercial customers

Table: Excess Disposal Annual Weights

<table>
<thead>
<tr>
<th>Year</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Tons</td>
<td>3,777</td>
<td>4,148</td>
<td>4,213</td>
<td>4,153</td>
</tr>
<tr>
<td>% Increase</td>
<td>8.9%</td>
<td>1.5%</td>
<td>(1.42%)</td>
<td></td>
</tr>
</tbody>
</table>

Assumptions: Due to declining economic conditions YR 3 is expected to drop 2% in tonnage; decrease 1% in customers compared to YR 1 and 33% of tonnage is commercial. YR 6 assumes an economic recovery bringing customers and tonnage back to YR 1 levels.

<table>
<thead>
<tr>
<th></th>
<th>YR. 3</th>
<th>YR. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENTIAL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- # of Customers</td>
<td>693</td>
<td>700</td>
</tr>
<tr>
<td>- Tonnage Collected</td>
<td>2,726</td>
<td>2,783</td>
</tr>
<tr>
<td>COMMERCIALLY</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- # of Customers</td>
<td>238</td>
<td>240</td>
</tr>
<tr>
<td>- Tonnage Collected</td>
<td>1,343</td>
<td>1,370</td>
</tr>
</tbody>
</table>
**WUTC Regulated Hauler Name - B&N Sanitary**
Bob Nichols, 403641 Hwy 20  Cusick, WA 99119  (509) 445-1353
**G-permit #G-000122**

**YR 1:** About 300 residential and small commercial customers

<table>
<thead>
<tr>
<th>Year</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Tons</td>
<td>776</td>
<td>774</td>
<td>816</td>
<td>761</td>
</tr>
<tr>
<td>% Increase</td>
<td>0</td>
<td>5.1%</td>
<td>(6.74%)</td>
<td></td>
</tr>
</tbody>
</table>

Assumption: Due to declining economic conditions, YR 3 is expected to drop 6% in tonnage; decrease 3% in customers compared to YR 1 and 33% of tonnage is commercial. YR 6 assumes an economic recovery bringing customers and tonnage back to YR 1 levels.

**RESIDENTIAL**

<table>
<thead>
<tr>
<th></th>
<th>YR. 3</th>
<th>YR. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>- # of Customers</td>
<td>195</td>
<td>201</td>
</tr>
<tr>
<td>- Tonnage Collected</td>
<td>479</td>
<td>510</td>
</tr>
</tbody>
</table>

**COMMERCIAL**

<table>
<thead>
<tr>
<th></th>
<th>YR. 3</th>
<th>YR. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>- # of Customers</td>
<td>96</td>
<td>99</td>
</tr>
<tr>
<td>- Tonnage Collected</td>
<td>236</td>
<td>251</td>
</tr>
</tbody>
</table>

3.4 **Energy Recovery & Incineration (ER&I) Programs -NONE**
(If you have more than one facility of this type, please copy this section to report them.)

3.4.1 Complete the following for each facility:

- **Name:**
- **Location:**
- **Owner:**
- **Operator:**
3.4.2 What is the permitted capacity (tons/day) for the facility? _________

3.4.3 If the facility is not operating at capacity, what is the average daily throughput?

   YR.1 _________ YR.3 _________ YR.6 _________

3.4.4 What quantity is estimated to be land filled which is either ash or cannot be processed.

   YR.1 _________ YR.3 _________ YR.6 _________

3.4.5 What are the expected capital costs and operating costs, for ER&I programs (not including ash disposal expense)?

   YR.1 _________ YR.3 _________ YR.6 _________

3.4.6 What are the expected costs of ash disposal?

   YR.1 _________ YR.3 _________ YR.6 _________

3.4.7 Is ash disposal to be:

   _____ on-site?
   _____ in county?
   _____ long-haul?

3.4.8 Please describe the funding mechanism(s) that will fund the costs of this component.

3.5 Land Disposal Program - NONE
(If you have more than one facility of this type, please copy this section to report them.)

3.5.1 Provide the following information for each land disposal facility in your jurisdiction which receives garbage or refuse generated in the county.

Landfill Name: _________
Owner: _________
Operator: _________
3.5.2 Estimate the **approximate tonnage** disposed at the landfill by **WUTC regulated haulers**. If you do not have a scale and are unable to estimate tonnages, estimate using cubic yards, and indicate whether they are compacted or loose.¹

YR.1 _________ YR.3 _________ YR.6 _________

3.5.3 Using the same conversion factors applied in 3.5.2, please estimate the **approximate tonnage** disposed at the landfill by other contributors.

YR.1 _________ YR.3 _________ YR.6 _________

3.5.4 Provide the cost of operating (including capital acquisitions) each landfill in your jurisdiction. For any facility that is privately owned and operated, skip these questions.

YR.1 _________ YR.3 _________ YR.6 _________

3.5.5 Please describe the funding mechanism(s) that will defray the cost of this component.

3.6 **Administration Program**

3.6.1 What is the budgeted cost for administering the solid waste and recycling programs and what are the major funding sources?

**Budgeted Cost**

<table>
<thead>
<tr>
<th>YR.1</th>
<th>YR.3</th>
<th>YR.6</th>
</tr>
</thead>
<tbody>
<tr>
<td>$40,000</td>
<td>$40,000</td>
<td>$40,000</td>
</tr>
</tbody>
</table>

**Funding Source**

<table>
<thead>
<tr>
<th>YR.1 CPG &amp; Tipping Fees</th>
<th>YR.3 CPG &amp; Tipping Fees</th>
<th>YR.6 CPG &amp; Tipping Fees</th>
</tr>
</thead>
</table>

3.6.2 Which cost components are included in these estimates? HHW and Recycling mileage, Receptionist and Accounting, benefits, supplies, copies, etc.

¹ Compacted cubic yards will be converted at a standard 600 pounds per yard. Loose cubic yards will be converted at a standard 300 pounds per cubic yard. Please specify an alternative conversion ratio if one is presently in use in your jurisdiction.
3.6.3 Please describe the funding mechanism(s) that will recover the cost of each component. CPG and Tipping Fees are expected to recover the Administering costs.

3.7 Other Programs

For each program in effect or planned which does not readily fall into one of the previously described categories please answer the following questions. (Make additional copies of this section as necessary.)

3.7.1 Describe the program, or provide a page number reference to the plan.

3.7.2 Owner/Operator: _____

3.7.3 Is WUTC Regulation Involved? If so, please explain the extent of involvement in section 3.8.

3.7.4 Please estimate the anticipated costs for this program, including capital and operating expenses.

    YR.1 _________ YR.3 _________ YR.6 _________

3.7.5 Please describe the funding mechanism(s) that will recover the cost of this component.

3.8 References and Assumptions (attach additional sheets as necessary)

4.0 FUNDING MECHANISMS:

This section relates specifically to the funding mechanisms currently in use and the ones which will be implemented to incorporate the recommended programs in the draft plan. Because the way a program is funded directly relates to the costs a resident or commercial customer will have to pay, this section is crucial to the cost assessment process.
Table 4.1.1  Facility Inventory

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Type of Facility</th>
<th>Tip Fee per Ton</th>
<th>Transfer Costs** in 2008</th>
<th>Transfer Station Location</th>
<th>Final Disposal Location</th>
<th>Total Tons Disposed of in 2008</th>
<th>Total Revenue Generated (Tip Fee x Tons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>South County Transfer Station</td>
<td>Transfer Station</td>
<td>$92</td>
<td>$57.82/ton</td>
<td>Newport, WA</td>
<td>Roosevelt Regional Landfill in Klickitat County in Washington State</td>
<td>7,103</td>
<td>$653,476</td>
</tr>
<tr>
<td>Usk Drop Box Site</td>
<td>Drop Box</td>
<td>$92*</td>
<td>$57.82/ton PLUS $114.58 per trip**</td>
<td>Usk, WA</td>
<td></td>
<td>265</td>
<td>$24,380</td>
</tr>
<tr>
<td>North County Drop Box Site</td>
<td>Drop Box</td>
<td>$92</td>
<td>$57.82/ton PLUS $208.66 per trip**</td>
<td>Ione, WA</td>
<td>Washington State</td>
<td>756</td>
<td>$69,552</td>
</tr>
</tbody>
</table>

* Note: Usk has no scale so waste is measured on site in cubic yards to calculate the costs owed by the public (at a rate of $15/cubic yard). Usk full trailers are then transported to South County Transfer Station and weighed prior to consolidation and final landfill disposal in Klickitat County.

** Note: Transfer Costs include tonnage costs and trip charges for Usk and North County as their waste is trucked to South County Transfer Station for consolidation prior to final destination disposal. Final landfill disposal fees of $24.68/ton are included in the Transfer Costs.

Table 4.1.2  YR 1 Tip Fee Components

<table>
<thead>
<tr>
<th>Tip Fee by Facility</th>
<th>Surcharge</th>
<th>City Tax</th>
<th>County Tax</th>
<th>Transportation Costs</th>
<th>Operational Cost</th>
<th>Administration Costs</th>
<th>Closure Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>South County Transfer Station</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>$57.82/ton</td>
<td>$14.57/ton</td>
<td>$5</td>
<td>$.51/ton</td>
</tr>
<tr>
<td>Usk Drop Box Site</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>$94.14/ton</td>
<td>$57.05/ton</td>
<td>$5</td>
<td>N/A</td>
</tr>
<tr>
<td>North County Drop Box Site</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>$110.81/ton</td>
<td>$19.00/ton</td>
<td>$5</td>
<td>$.51/ton</td>
</tr>
</tbody>
</table>

- North County Transportation Costs are based on an average of 16 trips to South County per month at $208.66 per trip in addition to the $57.82 tonnage cost. North County Transportation Costs are high due to the long distance (100 miles one way) to truck waste to the South County Transfer Station.
- Usk Transportation Costs are based on an average of 7 trips to South County per month at $114.58 per trip in addition to the $57.82 tonnage cost. Usk Transportation Costs per ton are high due to the distance from South County and low volume of tonnage per trailer.

- Usk Operational Costs are very high due to the low number of customers per day for one staff on site. North County Operational Costs per ton are significantly lower than Usk due to the high volume of customers but still only one staff on site.

- Administration Costs are not separated out by each location but are estimated to be about $40,000 for YR 1.

- Closure Costs for the two old landfills (one located at South County and one at North County) are about $4,000 for YR 1 to do well testing, landfill site inspections and reporting.

<table>
<thead>
<tr>
<th>Table 4.1.3 Funding Mechanism for YR 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Program Funding Mechanism to defray costs</td>
</tr>
<tr>
<td>----------------------------------------</td>
</tr>
<tr>
<td>Recycling Collection &amp; Processing</td>
</tr>
<tr>
<td>Household Hazardous Waste Collection</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 4.1.4 Tip Fee Forecast</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tip Fee/Ton by Facility</td>
</tr>
<tr>
<td>South County Transfer Station</td>
</tr>
<tr>
<td>Usk Drop Box Station</td>
</tr>
<tr>
<td>North County Drop Box Station</td>
</tr>
</tbody>
</table>
4.2 Funding Mechanisms summary by percentage: In the following tables, please summarize the way programs will be funded in the key years. For each component, provide the expected percentage of the total cost met by each funding mechanism. (e.g. Waste Reduction may rely on tip fees, grants, and collection rates for funding). You would provide the estimated responsibility in the table as follows: Tip fees=10%; Grants=50%; Collection Rates=40%. The mechanisms must total 100%. If components can be classified as “other,” please note the programs and their appropriate mechanisms. Provide attachments as needed.

<table>
<thead>
<tr>
<th>Table 4.2.1 Funding Mechanism by Percentages for Year 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>Waste Reduction, Recycling, Transfer, Administration</td>
</tr>
<tr>
<td>Collection</td>
</tr>
<tr>
<td>Energy, Recovery, Incineration</td>
</tr>
<tr>
<td>Land Disposal</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 4.2.2 Funding Mechanism by Percentages for Year 3 and Year 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>Waste Reduction, Recycling, Transfer, Administration</td>
</tr>
<tr>
<td>Collection</td>
</tr>
<tr>
<td>Energy, Recovery, Incineration</td>
</tr>
<tr>
<td>Land Disposal</td>
</tr>
<tr>
<td>Other</td>
</tr>
</tbody>
</table>

4.3 References and Assumptions
A Solid Waste Division Budget Report with Actual and Budget numbers for YR 1 and an Approved Budget for YR 3 are on the next page.

Table 4.2.1 percentages above are from the Budget Report. YR 1 percentages are Actual Revenues received (less Offset CPG Ecology Grants).

Table 4.2.2 YR 3 percentages above are from the Budget Report and are the expected Budgeted Revenues (less Offset CPG Ecology Grants). YR 6 percentages are assumed to be the same as YR 3.
4.3 Surplus Funds

As per the Budget Report shown below, the YR 1 actual beginning fund balance carryover for was $159,213 with the expected carryover for YR 3 to be 88,534. These carryover funds are the only “surplus” funds available to support our Solid Waste operations. The YR 6 beginning fund balance is not known at this time.

PEND OREILLE COUNTY
SOLID WASTE DIVISION
BUDGET REPORT

<table>
<thead>
<tr>
<th>SOLID WASTE</th>
<th>FUND#463.000.000</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXPENDITURES</td>
<td></td>
</tr>
<tr>
<td>SALARIES &amp; BENEFITS</td>
<td>108,457</td>
</tr>
<tr>
<td>SUPPLIES</td>
<td>4,400</td>
</tr>
<tr>
<td>PROFESSIONAL SERVICES</td>
<td>660,000</td>
</tr>
<tr>
<td>OTHER SERVICES &amp; CHARGES</td>
<td>31,666</td>
</tr>
<tr>
<td>MISCL. TAXES &amp; INTERFUND PAYMENTS</td>
<td>24,800</td>
</tr>
<tr>
<td>BUILDINGS AND STRUCTURES</td>
<td>88,914.20</td>
</tr>
<tr>
<td>EQUIPMENT</td>
<td>10,000</td>
</tr>
<tr>
<td>TOTAL EXPENDITURES</td>
<td>839,323</td>
</tr>
</tbody>
</table>

| REVENUES | |
| BEGINNING FUND BALANCE | 157,139 | 159,213.64 | 88,534 |
| ECOLOGY-CPG HHW/RECYCLE OP GRANT | 60,000 | 79,938.53 | 62,000 |
| ECOLOGY-2008 SW PLAN UPDATE GRANT | 1,650.00 | 0 |
| ECOLOGY OFFSET RECYCLE/BALER GRANT | 105,327.56 | 0 |
| ECOLOGY-OFFSET RECYCLE/HEATR GRANT | |
| SOLID WASTE DISPOSAL FEES | 747,323 | 795,516.42 | 700,000 |
| SALE OF RECYCLABLES & SCRAP METAL | 20,000 | 42,066.46 | 30,000 |
| MISCL. REVENUE & TAXES COLLECTED | 12,000 | 15,448.21 | 12,000 |
| TOTAL REVENUE | 839,323 | 1,039,947.18 | 854,000 |
| TOTAL RESOURCES | 996,462 | 1,199,160.82 | 942,534 |