

ELKO COUNTY, NEVADA SOLID WASTE MANAGEMENT PLAN



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Elko County Community Development

Approved: November 2, 2016

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CHAPTER 1 - JURISDICTION

1.1 Introduction: The Elko County Solid Waste Management Plan was prepared pursuant to Nevada Administrative Code 444.658. This section of the Code requires that each municipality submit a plan for approval to the Nevada Division of Environmental Protection Solid Waste Branch (NDEP). Every plan must be reviewed and updated as necessary, but not less than once every five years. This is an update to the plan submitted and approved by NDEP in 2011. The plan addresses the following items:

- Jurisdiction and Implementation
- Solid Waste Collection and Transportation
- Solid Waste Disposal
- Special Waste Management
- Litter and Illegal Dumping
- Recycling and Waste Reduction
- Emergency Debris Removal

1.2 Geographic Boundaries: The Elko County Solid Waste Management Plan includes the area within the geographical boundaries of Elko County. An Elko County service area map is shown in Figure 1. The service area includes the Cities of Carlin, Elko, Wells and West Wendover and the unincorporated Towns of Jackpot, Montello and Mountain City. Included within this area also are the communities of Spring Creek, Jarbidge, River Ranch, Oasis, Midas, Tuscarora, Pilot Valley, Owyhee, Deeth, Osino and Ruby Valley and several Native American Indian Reservations.

Elko County Code Title 10 Chapter 12, section 3 (10-12-3) (please see Appendix B for the Elko County) the county commission has created what are identified as “sanitation districts” see Figure 2. These districts have been created for the purpose of the setting and collection of sanitation fees should the county deem it necessary to require the implementation of such fees. The Salmon Falls, Midas, and Salt Lake Basin sanitation districts have assessed fees set by resolutions of the county board.

Elko County has no jurisdictional authority over Native American Reservations or their tribally owned lands. Native American Reservations within Elko County include the following: the Elko, South Fork and Wells Bands of the Te-Moak-Shoshone Tribe; the Duck Valley Shoshone-Paiute Reservation and the Goshute Reservation. These tribal reservations are all distinct legal and political entities falling under the jurisdictional prevue of the Federal Government of the United States of America. Regulatory authority for solid waste management on the above discussed Native American Reservations resides with US EPA Region 9, San Francisco, California.

Elko Solid Waste Facilities

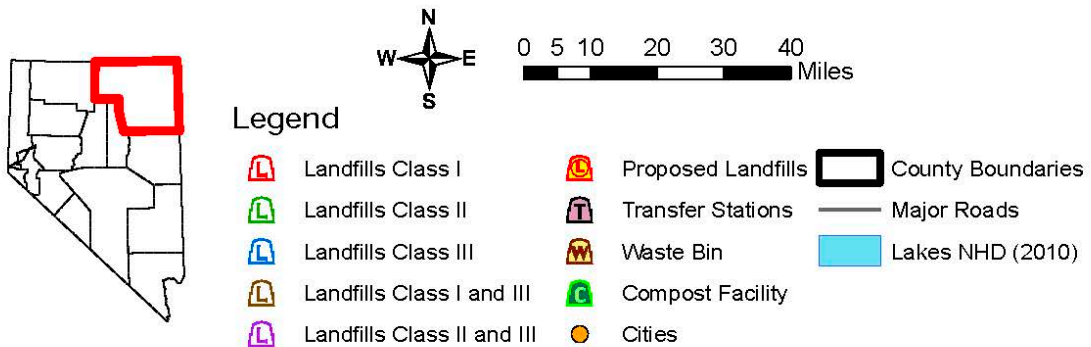
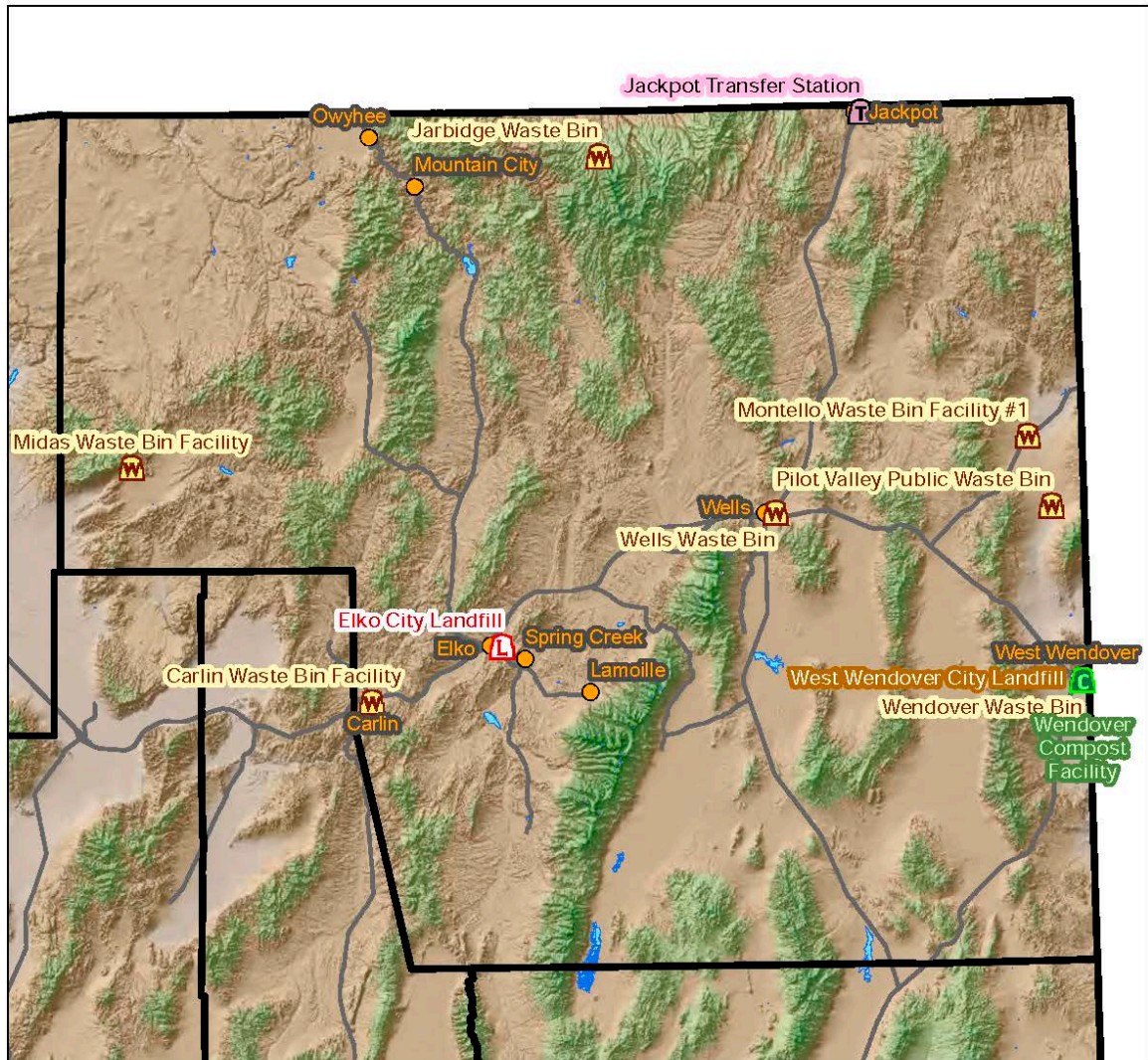


Figure 1: Map of Elko County geographic boundaries, identifying cities and unincorporated towns and service areas discussed in this plan.

Source: NDEP Bureau of Waste Management www.ndep.nv.gov 8/2016

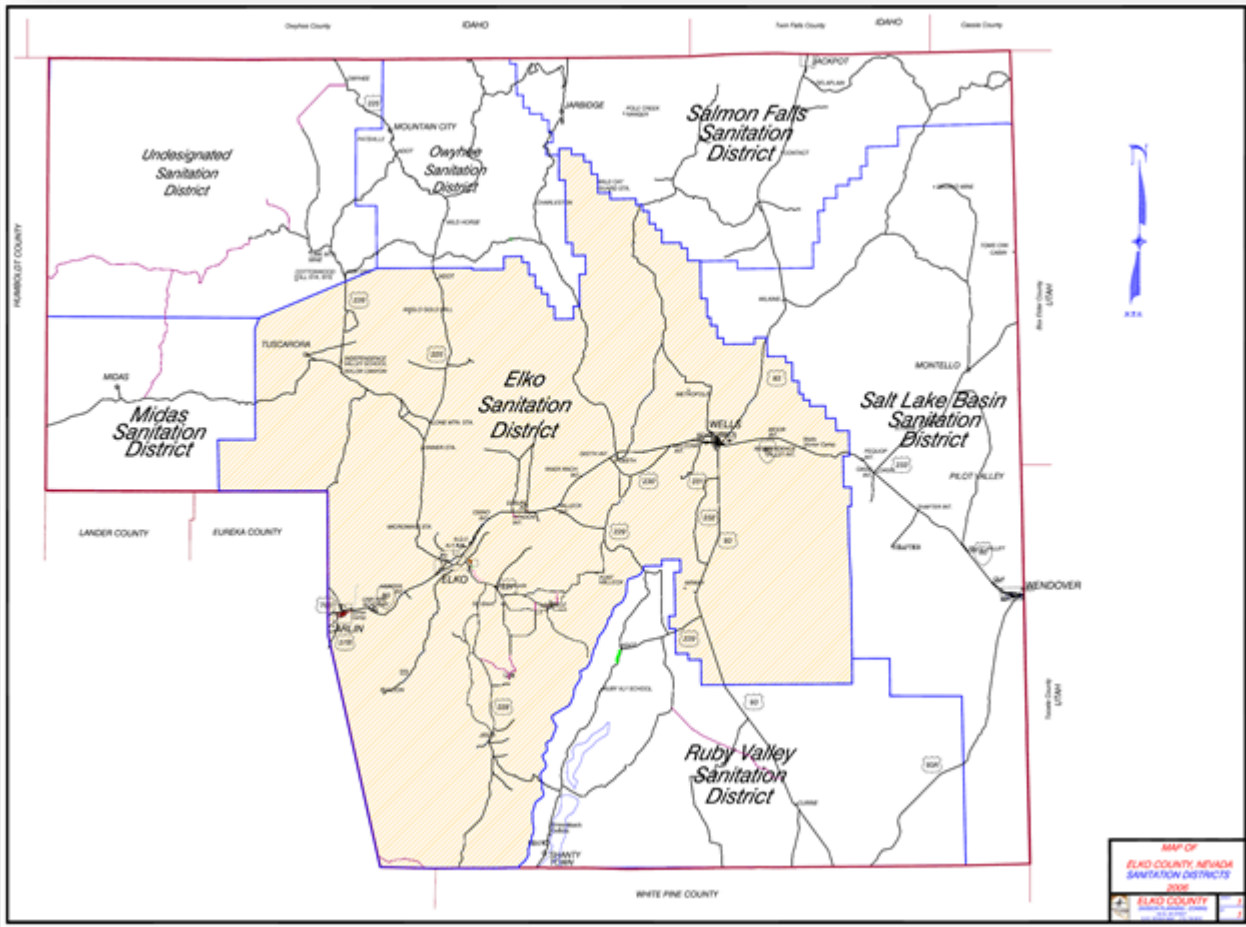


Figure 2: Elko County Sanitation Districts

- 1.3 Solid Waste Funding in Elko County:** The Elko County Board of Commissioners has the right to assess solid waste fees as outlined in Section 10-12-3 of the Elko County Code, Appendix B. Currently the Salmon Falls, Midas, and Salt Lake Basin sanitation districts have assessed fees set by Ordinance 2000-B of the Elko County Board of County Commissioners. As stated in the Elko County Code, this issue can be revisited and re-assessed at the determination of the Elko County Board of Commissioner.
- 1.4 Cities and Unincorporated Towns:** Elko County has two Class I Municipal landfills within its boundaries, The Cities of Elko and West Wendover, each own and operate a Class I landfill. There is also one county owned and operated municipal transfer station at the Unincorporated Town of Jackpot, and four county owned and operated community waste bins sites (Midas, Jarbidge, Montello and Pilot Valley) and one tribally owned waste bin site (South Fork Tribe at Lee Reservation). There is a waste bin site constructed by Elko County that is maintained and operated by the City of Wells. In addition to these solid waste disposal facilities there is a composting facility that is owned and operated by the City of West Wendover and a materials recovery facility located near the Osino Exit of U.S. Interstate 80 that is owned and operated by Pacific Steel and Recycling, a private, commercial entity.

- 1.5 Transfer Stations and Waste Bins Sites:** The Town of Jackpot transfer station and the community waste bin sites at Midas, Jarbidge, Montello and Pilot Valley are all owned by Elko County, but operated through contracts with regional and local waste hauling companies. The City of Wells waste bin site was constructed by Elko County but is operated and maintained by the City of Wells and located on city property. The City of West Wendover Class I Landfill and the West Wendover Composting Facility are both owned and operated by the City of West Wendover. The City of Carlin owns and operates a waste bin site under the City of Carlin Garbage and Waste Code Title 10 Chapter 2.
- 1.6 Outlying County Areas:** Outlying community residential areas of Elko County such as Lee, Ruby Valley and Deeth self-haul to the City of Elko Landfill. Other outlying county areas such as the various privately owned ranches, state of Nevada Department of Transportation yards self-haul to the Elko landfill or nearby private or county owned waste bin sites. Several communities, such as Spring Creek, are served by Elko Sanitation Company, a privately run commercial waste collection operator, these will be discussed further below.
- 1.7 Household Hazardous Waste (HHW):** Currently the City of Elko Landfill collects all household hazardous waste. Residents should take all household hazardous waste to this facility. All HHW's are profiled and sent out to the appropriate facility for proper disposal. Both the Cities of Elko and West Wendover Landfills have collection points for waste oil located at the facilities. The transfer station and waste bins sites on Elko County owned lands also all have collection points, steel drums, for waste oil and antifreeze.

CHAPTER 2 - SOLID WASTE COLLECTION AND TRANSPORTATION

- 2.1 Elko, Carlin, Wells, Spring Creek, and Outlying Areas:** Elko Sanitation Company (ESC) provides residential garbage and recycling to the City of Elko and residential waste collection for the surrounding Elko County communities of:

- | | | |
|---------------------|----------------------|-------------------|
| • Bullion | • Lee | • South Fork |
| • Carlin | • Metropolis | • Spring Creek |
| • Deeth | • Montello | • Tuscarora |
| • Dinner
Station | • Mountain
City | • Twin
Bridges |
| • Halleck | • Owyhee | • Welcome |
| • Hunter | • Pleasant
Valley | • Wells |
| • Jack Creek | • Ryndon | • Wild Horse |
| • Jiggs | • Shantytown | |
| • Lamoille | | |

2.2 West Wendover: The City of West Wendover provides solid waste residential and commercial curbside collection and disposal services to residential and commercial areas within the City of West Wendover. The City of West Wendover also provide solid waste collection, transportation and disposal services for the Utah Department of Transportation rest area located on I-80 east in Tooele County, and for the Goshute Indian Reservation which has tribal lands located along the Eastern Nevada-Western Utah Border. The City of West Wendover also operates a transfer bin site for residents to dispose of large and bulky items at the location of the city owned composting facility. The materials are consolidated at the transfer bin site, and then transported to the City of West Wendover Landfill. The City of West Wendover also collects aluminum cans for recycling and all yard wastes at the composting facility to be combined with wastewater sludge producing a composting product that is sold for a nominal cost.

2.3 Unincorporated Towns: Solid waste bin collection sites are provided by Elko County for the Unincorporated Towns of Montello, Midas, and Jarbidge and the community of Pilot Valley. The waste bin sites are fenced in areas with vehicle access ramps to collection bins. Each waste bin site also provides wooden pallets for large bulky items and plastic 55 gallon drums for the collection of waste oil and antifreeze, collection of the pallet materials and drums are performed periodically by Elko County staff. Elko County has been authorized, by the Nevada Division of Environmental Protection, to modify the minimum collection frequency at Jackpot, Jarbidge, Midas, Montello, and Pilot Valley. Figure 3 shows a typical county owned waste bin site. A county owned transfer station operates at the Town of Jackpot, see Figure 4.

Jackpot & Jarbidge – Collection, hauling and disposal of MSW from the Towns of Jackpot and Jarbidge are carried out through a contract with Elko County by Idaho Regional Solid Waste District (ISW). The contract was renewed in May 2015 for a four year period that expires on February 1, 2019. Solid waste is hauled out of Nevada and disposed of at a landfill in southern Idaho.

Montello & Pilot Valley – The Town of Montello and Community of Pilot Valley solid waste transport and disposal is provided by county initiated contracts with Elko Sanitation Company (ESC) that were renewed in February 2015 and expires in four years, 2019.

Midas – The Town of Midas, Desert Disposal of Winnemucca has the contract for hauling and disposal to the Humboldt County Landfill. The contract between Desert Disposal and the Elko County was renewed in April of 2015 for a four year period that expires April 6, 2019.

Mountain City and Tuscarora – Within the Towns of Mountain City and Tuscarora, collection, transport and disposal is provided by Elko Sanitation Company.



Figure 3: Elko County constructed and owned waste bin site at Midas



Figure 4: Elko County constructed and owned transfer station at Jackpot

- 2.4 **Self-Haul:** Many rural, outlying Elko County residents continue to self-haul their household refuse to waste bin collection sites provided by Elko County. For the community of River Ranch and the Town of Tuscarora collection, hauling and disposal of the waste bins to the City of Elko Landfill is provided under contract with the county by ESC. The ranching communities of Death, Ruby Valley, and Lee, residents self-haul to the City of Elko Landfill. The communities of Jackpot and Jarbidge, the county provides solid waste collection sites that are operated under contract by Southern Regional Idaho Solid Waste, with disposal at a southern Idaho landfill. Elko County constructed and owns a transfer station at the Town of Jackpot.
- 2.5 **South Fork Reservation:** The South Fork Band of Te-Moak Indian Tribe operates a waste bin site for residents of the South Fork Reservation at Lee, Nevada. This bin site is owned and operated by the tribes Environmental Protection Office. The Tribe offers residential pick up of large bulky items and some HHW's by call in appointments. All solid wastes collected by staff of the Environmental Protection Office are disposed of at the City of Elko Landfill; HHW's are disposed of through US EPA approved contractors when sufficient quantities are collected.

CHAPTER 3 - SOLID WASTE GENERATION, DIVERSION, AND DISPOSAL

- 3.1 **Population Projections and Waste Generation:** As part of solid waste management planning activities in each county, the estimated future population and existing waste disposal trends can be utilized to forecast adequate disposal resources (i.e. landfill availability) for residents. The population projections for Elko County were based on the Nevada State Demographer's Office based on 2014 estimates.

Assuming a direct correlation between population and waste generation, the following example identifies one method to evaluate available data:

Table 1: Population Forecast (based on State Demographer)

<i>Elko County</i>	
Year	Population Projection
2014	53,358
2015	54,054
2016	54,677
2017	55,294
2018	55,922
2019	56,521

Source: <http://nvdemography.org/wp-content/uploads/2015/02/March-2015-Five-Year-Projections.pdf>

Table 2: Tons of Waste Disposal (look at past 5 years)

Elko City Landfill					
Total MSW Tons Disposed at Elko City Landfill		Tons Generated by Elko County		Tons Generated by Out of State Counties	
Year	Deposit	Year	Generation	Year	Generation
2015	43,310.63	2015	43,310.63	2015	0

West Wendover Landfill					
Total Tons Disposed at W. Wendover Landfill		Tons Generated by Elko County		Tons Generated by Out of State Counties	
Year	Deposit	Year	Generation	Year	Generation
2015	8,850.53	2015	7,712.01	2015	1,138.52

Total Tons Disposed in Elko County (MSW)		Total Tons Disposed in Elko County (Industrial/Specialized Waste)		Tons Generated by Elko County (MSW + including Recycled Waste)		Tons Generated by Out of State Counties (MSW Only)	
Year	Disposed	Year	Disposed	Year	Generation	Year	Generation
2011	69,881	2011	9,163	2011	68,246	2011	1,230
2012	70,089	2012	15,388	2012	72,264	2012	1,233
2013	66,731	2013	14,413	2013	67,467	2013	1,165
2014	65,171	2014	8,982	2014	67,678	2014	1,062
2015	52,161	2015	18,008	2015	52,355	2015	1,139
Total	324,033	Total	65,954	Total	328,010	Total	5,829
Avg.	64,807	Avg.	13,191	Avg.	65,602	Avg.	1,166

Source: Elko County Solid Waste Profile- https://ndep.nv.gov/bwm/swmp/profile_elko.pdf

Table 3: Waste Generation Estimate(s)

Elko County	
(using 2015 data)	
52,161 tons ÷ 54,054 population = .965 tons/person/year	
.965 tons/person X 2,000 lbs./ton = 1,930 lbs./person/year	
1,930 lbs./person/year ÷ 365 days/year = 5.29 lbs./person/day	

Note: Waste generation calculations are based on landfilled solid waste only and exclude recycled tonnage.

Table 4: Solid Waste Generation & Population Estimates

Elko County		
Year	Population Projection / Waste Generations (Population x .965 Tons/person)	
2015	54,054	52,162.11
2016	54,677	52,763.31
2017	55,294	53,358.71
2018	55,922	53,964.73
2019	56,521	54,542.77
Total		266,791.61

3.1.1 Conclusion: The City of Elko Landfill is currently permitted for 25,600,000 cubic yards of disposal volume, as of October 2016. (Elko City Landfill – Modification (Landfill Expansion) Permit in August 2015 = 25,600,000 CY X 1,200 lbs/CY = 30,720,000,000 lbs X 1 ton/2,000 lbs = 15,360,000 tons of landfill space). Deducting an estimated 510,408.36 tons of waste disposal in Elko County from the 25,600,000 cubic yards (15,360,000 tons) of available capacity, it appears Elko County will have adequate landfill capacity at the Elko City Landfill until 2081.

The City of West Wendover Landfill is currently permitted for 2,061,050 cubic yards of disposal volume. The most recent volumetric landfill survey, dated May 2015, indicated a remaining capacity of 50,766 cubic yards and estimated closure in 2048. A permit dated August 25, 2015 will expand the future capacity of the City of West Wendover Landfill. The City of West Wendover Landfill provides additional disposal capacity to the recent expansion at the City of Elko Landfill.

3.2 Material Recovery Facilities: Elko County has a current population estimate of approximately 53,358 residents according to the Nevada Demographer’s 2014 estimate. Currently there is one large scale material recovery facility. The large scale facility (Pacific Steel and Recycling) is located near the community of Osino, just south of U.S. Interstate 80. Pacific Steel and Recycling currently, as of this writing accepts all metals from mining projects and the general public as well as paper and corrugated cardboard. There are plans in the near future to begin accepting plastics at this facility.

Operations at the City of West Wendover composting facility has been suspended indefinitely. The compost facility is located adjacent to the city’s waste bin site and waste water treatment facility. When in operation the compost plant accepts yard and food waste year round. The facility mixes yard/food waste with dried sludge from the wastewater treatment facility to produce a compost product that is sold for a nominal price to consumers. Due to the lack of market demand the facility only produces compost product periodically, timed to high market demands for compost materials. During periods of low product demand, dried sludge, yard and food wastes were stockpiled at the compost facility until production is started up to meet higher demand periods.

3.3 Disposal of Recyclable Materials: Currently within Elko County all materials recovery facilities are operated as commercial entities and have propriety agreement with their respective commodities brokers. Elko County has no jurisdiction over these private contracts and cannot mandate disposal techniques or market values to these privately held businesses.

While not operating any material recovery facilities the landfill in the Cities of Elko and West Wendover do periodically sell commodities such as aluminum to commodities brokers. As the facilities are city run operations, Elko County has no jurisdiction over these private contracts and cannot mandate disposal techniques or market values.

CHAPTER 4 - SPECIAL WASTE MANAGEMENT

- 4.1 General:** The City of Elko is the owner and operator of the City of Elko Landfill and the Public Works Department addresses special waste management concerns. The City of West Wendover is the owner and operator of the City of West Wendover Landfill and its Public Works Department addresses special wastes at the landfill. The City of West Wendover also addresses special wastes at Oasis where it provides for municipal solid waste (MSW) curbside collection and disposal services. The City of Wells has a contract with Elko Sanitation Company (ESC) to provide curbside service and transportation and disposal of the Wells Bin Site. ESC addresses special waste concerns with its operations in the City of Wells. ESC transports all MSW collected to the City of Elko Landfill. The Town of Jackpot Public Works addresses special wastes at the Jackpot Transfer station and the waste bin sites at Montello, Pilot Valley and Jarbidge sites. The City of Carlin Public Works addresses special wastes at the collection bins in Carlin. Elko Sanitation Company addresses the acceptance of special waste at its bin sites in River Ranch and with its curbside collection services provided in Elko, Wells, Tuscarora, Mountain City, Carlin and Osino. There are various recycling companies that accept a variety of special waste within Elko County. The NDEP Nevada recycling resources list is included in Appendix C.
- 4.2 Motor Oil:** Although there is no posted signage, motor oil is accepted and removed from the waste stream and recycled. An area is set aside at the Cities of Elko and West Wendover Landfills and Elko County owned waste bin sites at Midas, Montello, Pilot Valley and Wells where motor oil is accepted from the public and stored until recycled (the county transports and properly disposes of special wastes as they accumulate at the waste bin sites). Motor oil is also accepted and collected in the City of Elko by O'Reilly Auto Parts, Wal-Mart, and Napa Auto Parts.
- 4.3 Automobile Batteries:** Automobile batteries are accepted and removed from the waste stream and recycled. An area is set aside at the Cities of Elko and West Wendover Landfills where automobile batteries are accepted from the public and stored until recycled. Automobile batteries are also collected at all Elko County Waste Bin Sites; signs indicate where battery collection areas are located.
- 4.4 Dead Animals:** Dead animals are accepted at the Cities of Elko Landfill and West Wendover Landfill. The dead animals are segregated into a separate pit and buried immediately upon disposal.
- 4.5 Large Appliances** Large appliances, which contain chlorofluorocarbon (CFC's), are accepted at both the Cities of Elko and West Wendover Landfills. The City of Elko Landfill accepts appliances with CFC's from the general public only, all business must remove and properly dispose of the CFC's before disposal at the City of Elko Landfill. The appliances are separated from the regular waste stream CFC's are evacuated and then the appliances are recycled and shipped to the appropriate facilities. White goods (white metals and household appliances) are also collected at all Elko County Waste Bin Sites; signs indicate where white goods collection areas are located.

- 4.6 Tires and Construction Debris:** Tires and construction debris are accepted at the Cities of Elko and West Wendover Landfills and are segregated from the regular waste stream. Construction debris is buried as part of the regular waste stream. Asphalt and concrete is sent for recycling and used for roadbed material. Tires and construction debris are also collected at the Elko County Transfer Station and waste bin sites; signs indicate where tire collection areas are located, tires are collected periodically and properly disposed of at the City of Elko Landfill.
- 4.7 Pesticide/Herbicide Waste:** Nevada Department of Agriculture operates a disposal program free of charge for unused pesticide/herbicide products and empty containers by contacting the NDA for an appointment at:
agri.nv.gov/plant/environmental_services/environmental_services_home/
For more information on the program, contact the Nevada Department of Agriculture at *http://agri.nv.gov* or (775) 353-3601.
- 4.8 Processed Waste from Sewage Plants:** Processed waste from sewage plants is generated within Elko County by the Cities of Elko, Wells and West Wendover Wastewater Treatment Facilities. The processed waste must be in a dry state. The dry processed waste is mixed and spread along with daily cover materials. Processed waste is reclaimed and use in the manufacture of compost at the City of West Wendover Landfill.
- 4.9 Grease Traps and Sand/Oil Separator:** Waste from inline grease traps and sand oil interceptors are produced by restaurants and casinos. At the City of Elko Landfill, this waste is segregated into an area of the facility that is outside of the footprint of the trash to allow for the liquids to run off/evaporate in a separate holding area. The solids will be relocated to the working face once the liquids have been separated. Sand/oil interceptor waste requires testing of the sand/oil separator materials before acceptance.
- 4.10 Medical Waste:** Medical waste is accepted for disposal at the Cities of Elko and West Wendover Landfills in separate, specified areas of the landfills. Acceptable medical waste includes those generated at households, hospitals, doctors and dentist's office, health providers and veterinary clinics. Transportation of medical waste must be reviewed and approved by the landfill operators. Once received medical waste are buried with a minimum 6 inch soil cover, but are not compacted to reduce potential puncture of bags.
- 4.11 Petroleum Contaminated Soils:** Petroleum contaminated soils can be taken to the Cities of Elko and West Wendover Landfills provided that analytical tests indicate the level of hydrocarbon concentration is below 100 mg/kg (100 ppm). If soils exceed this limit they are not accepted. Those soils that test above a concentration of 100 mg/kg (100 ppm) will be properly disposed of at an approved facility by the responsible party. Those soils that are shown to be below the concentration of 100 mg/kg (100 ppm) can be applied with daily cover material as an augmentation agent.

The City of Elko Environmental Coordinator and the City of Elko Landfill Supervisor must be notified in advance of all hydrocarbon impacted soil deliveries and reserve the right to refuse acceptance into the City of Elko Landfill at his/her discretion. All hydrocarbon contaminated soils must pass the above described laboratory analyses and have proper documentation in order to be accepted to the landfill.

The City of West Wendover Landfill Supervisor must be notified in advance of all hydrocarbon impacted soil deliveries and reserves the right to refuse acceptance into the City of West Wendover Landfill at his/her discretion. All hydrocarbon contaminated soils must pass the above described laboratory analyses and have proper documentation in order to be accepted to the landfill.

- 4.12 Asbestos:** Asbestos can be taken to the Cities of Elko and West Wendover Landfills. Asbestos can only be accepted at the landfill according to permit requirements as outlined in NAC 444.976 regarding handling and disposal. Asbestos is disposed of separately from municipal solid waste and buried in a monofil cell at the discretion of the operator. Once an asbestos cell is completed, it is covered with a minimum of 36 inches of cover. All asbestos cells are identified via signage at the landfill and plotted on a map.
- 4.13 Debris Management:** During catastrophic events such as earthquakes, flash flood or wild fires, extremely large amounts of debris can be generated. If that sort of event were to occur, then Elko County would enlist assistance from various municipalities throughout Elko County, including Elko Sanitation Company, the Emergency Management Department and the County Managers Office. The Emergency Management Department has a Hazard Mitigation program approved by FEMA which includes the phone numbers personnel and protocols for responses during disaster response. In an event that generates a lot of debris, the county and many of the municipalities have ample land space to account for a sudden, large increase in the volume of debris and solid waste generated that would need disposal. All debris storage/disposal shall be at an authorized facility.

CHAPTER 5 - LITTER AND ILLEGAL DISPOSAL

- 5.1 Existing Laws and Ordinances:** Nevada Revised Statutes 444.630 prohibits illegal dumping and littering. Elko County and the Cities of Carlin, Elko and West Wendover all have illegal dumping prevention ordinances in place, see Appendix B, that prohibits illegal dumping and littering within the county and respective city limits for each municipality.
- 5.2 Illegal Dumping:** Illegal dumping has been an ongoing problematic issue in Elko County. Any areas that may attract illegal dumping activities are patrolled on a regular basis by the Elko County Sheriff Department, The Nevada Highway Patrol, US Bureau of Land Management, US Forest Service, Nevada Division of Forestry and Nevada Division of Wildlife. Any suspected dump sites are cleaned up by state and federal agencies that are the owners of the lands in question, on a routine basis as dumping is reported. Several times each year the larger cities in Elko County have community clean up days, where volunteer workers clean up reported illegal dump sites around the county. Two times each year, one day in the spring and one day in the fall, the City of Elko waives gate fees at the City of Elko Landfill to help facilitate these community clean up events. The community clean up events have proven to be quite successful in combating the illegal dumping activities county wide and in particular in problem areas around the Cities of Elko and Carlin limits.

5.3 Litter: Litter is not considered a major problem in Elko County. However, there is some windblown material in and around the Cities of Elko and West Wendover Landfills, but in general landfill workers expend a considerable effort to control this problem. The primary sources of this material are the Landfills themselves and self-haul vehicles, which transport refuse to the transfer station and landfills for disposal. There are a number of state maintained highways, which pass through Elko County, including State Routes 225, 226, 227, 228, 229, 230, 231, 232, 233, 278 and 766; U.S. Highway 93, U.S. Highway 93 Alternate and U.S. Interstate 80. The Nevada Department of Transportation provides an “Adopt of Highway” program. This program allows local businesses and civic groups to “adopt” a section of the state maintained highway. The groups voluntarily provide litter pick-up along their adopted section of road according to no set schedule, but generally on a quarterly basis. In addition to the “Adopt a Highway” programs inmate crews are utilized along main highways and within communities, to assist in clean-up activities.

5.4 Enforcement of Illegal Dumping: Illegal dumping is a misdemeanor under Nevada State Law, punishable by fines and jail time. In Elko County, the Elko County Sheriff’s Department and the City Police departments of Carlin, Elko, Wells and West Wendover enforce Nevada Revised Statute 444.630 and Cities of Elko and Carlin city ordinances. The enforcement policy of the law enforcement personnel is to attempt to identify the illegal dumper and then instruct the individual(s) to voluntarily clean the site. In instances where the illegal dumper cannot be identified, the sites are cleaned up as a public service by the municipality that has jurisdiction. The City Attorney for Carlin has been particularly proactive in combating illegal dumping in and around Carlin. Several people have been convicted of littering and forced to clean up dump sites, fined and or jailed.

Illegal Dumping Hotline Numbers:

Elko County: 775-777-7300

State of Nevada: 775-687-9485 or 888-331-NDEP(6337)

CHAPTER 6 - RECYCLING AND WASTE REDUCTION

6.1 Existing Programs/Facilities: Currently, there are several locations within Elko County that have some form of recycling. Elko Sanitation Company offers a commingled recycling curbside program in the City of Elko. New technology allows a collection truck to hold various materials in a single load to be sorted at a central location. The accepted materials include aluminum, steel/tin, empty aerosol cans, cardboard boxes, magazines, books, paper & newspaper, and plastic bottles and food tubs. Glass is not included in the recycle program at this time.

Table 5: Elko County Recycling Resources

Elko County Recycling Resources		
NV Division of Environmental Protection (August 23, 2016)		
	Company	City
Aluminum	Pacific Steel & Recycling	Elko
Antifreeze	Elko City Landfill	Elko

Appliances		
	Elko City Landfill	Elko
	Joes Towing & Auto Wrecking	Wells
	Pacific Steel & Recycling	Elko
Automobiles		
	Joes Towing & Auto Wrecking	Wells
	Pacific Steel & Recycling	Elko
Batteries- Auto		
	Carquest	Elko
	City of Carlin Public Works	Carlin
	Elko City Landfill	Elko
	Fairmont Supply	Elko
	Napa Auto Parts	Elko
	O'Reilly Auto Parts (Kragen & Checker)	Elko
Batteries- Household		
	Home Depot	Elko
	Wal-Mart	Elko
Cardboard		
	Pacific Steel & Recycling	Elko
	Scotts Foodtown	Carlin
Cartridges		
	Office Max	Elko
Cell Phones		
	Wal-Mart	Elko
Oil & Transmission Fluid		
	Elko City Landfill	Elko
	Napa Auto Parts	Elko
	O'Reilly Auto Parts (Kragen & Checker)	Elko
	Wal-Mart	Elko
Scrap Metals		
	Pacific Steel & Recycling	Elko
<i>Source: NDEP August 23, 2016 http://nevadarecycles.nv.gov/</i>		

For a complete list of recycling opportunities in Elko County please see Appendix C.

- 6.2 Household Hazardous Waste (HHW):** The Town of Jackpot Transfer Station, Elko Sanitation Company waste bin sites and Elko County owned waste bin sites do not accept household hazardous waste. The Cities of Elko and West Wendover Landfills both currently accept household hazardous wastes. These wastes are collected during regular landfill hours.

At the City of Elko Landfill, HHW is profiled and disposed of as hazardous waste at the appropriate facilities, while liquid wastes such as used oil and used antifreeze) are collected in containers inside landfill gate. Automobile batteries are placed and stored on pallets inside the landfill. Paint is disposed of by allowing the liquid paint to dry on carpeting or cardboard, thus passing the paint filter test, and then disposed of as solid waste with MSW. The City of Elko Landfill is currently open seven days per week from 7:00 AM to 4:30 PM. HHW disposal must have prior arrangements with a City of Elko Landfill representative for approval prior to drop off at the City of Elko Landfill. There are no current additional charges for disposal of HHW's at the City of Elko Landfill.

Appendix A

Elko County Solid Waste Profiles from the
NV Department of Environmental Protection

Total Waste by County

Year: 2015

County Deposited: **Elko**

Landfill Name: Elko City Landfill		Disposal Quantity (Tons)	
County and State of Origin	Commercial Compacted	Commercial Uncompacted	Residential Uncompacted
Elko	24,314.94	7,638.76	11,356.93
Total MSW:	24,314.94	7,638.76	11,356.93
	Industrial:	0.00	0.00
	Asbestos:	0.00	2.67
	Construction and Demolition:	4,924.10	1,962.64
	Medical:	75.57	66.71
	Tires:	37.69	31.12
	Sludge:	4,470.24	275.28
	HC Contaminated:	0.00	0.00
	Fly Ash:	0.00	0.00
	Other:	4,186.29	787.51
	Total Industrial/Special:	13,693.89	3,125.93
Totals for this landfill: Elko City Landfill		Total Reports:	4
	MSW Total Out of State:	0.00	MSW Total Compacted: 24,314.94
	MSW Total In State:	43,310.63	MSW Total Uncompacted: 18,995.69
	Total Industrial/Special:	16,819.82	MSW Site Total: 43,310.63

Landfill Name: West Wendover City Landfill		Disposal Quantity (Tons)	
County and State of Origin	Commercial Compacted	Commercial Uncompacted	Residential Uncompacted
Elko	5,866.32	1,845.69	0.00
Tooele	1,138.52	0.00	0.00
Total MSW:	7,004.84	1,845.69	0.00
	Industrial:	0.00	0.00
	Asbestos:	0.00	0.00
	Construction and Demolition:	1,169.21	0.00
	Medical:	0.00	0.00
	Tires:	0.00	0.00
	Sludge:	0.00	0.00
	HC Contaminated:	0.00	0.00
	Fly Ash:	0.00	0.00
	Other:	0.00	0.00
	Total Industrial/Special:	1,169.21	0.00
Totals for this landfill: West Wendover City Landfill		Total Reports:	4
	MSW Total Out of State:	1,138.52	MSW Total Compacted: 7,004.84
	MSW Total In State:	7,712.01	MSW Total Uncompacted: 1,845.69
	Total Industrial/Special:	1,169.21	MSW Site Total: 8,850.53

Total Waste by County

Year: **2015**

Totals for this County: Elko

MSW Total Out of State:	1,138.52	MSW Total Compacted:	31,319.78
MSW Total In State:	51,022.64	MSW Total Uncompacted:	20,841.38
Total Industrial/Special:	17,989.03	MSW County Total Total:	52,161.16

Total Waste by County

Year: 2014

County Deposited: **Elko**

Landfill Name: Elko City Landfill		Disposal Quantity (Tons)	
County and State of Origin	Commercial Compacted	Commercial Uncompacted	Residential Uncompacted
Elko	30,716.55	18,774.71	6,756.94
Total MSW:	30,716.55	18,774.71	6,756.94
	Industrial:	0.00	0.00
	Asbestos:	16.27	47.29
	Construction and Demolition:	0.00	0.00
	Medical:	80.86	109.97
	Tires:	60.23	34.15
	Sludge:	0.00	0.00
	HC Contaminated:	0.00	0.00
	Fly Ash:	0.00	0.00
	Other:	7,363.17	949.84
	Total Industrial/Special:	7,520.53	692.08
Totals for this landfill: Elko City Landfill		Total Reports:	4
	MSW Total Out of State:	0.00	MSW Total Compacted: 31,165.72
	MSW Total In State:	56,697.37	MSW Total Uncompacted: 25,531.65
	Total Industrial/Special:	8,212.61	MSW Site Total: 56,697.37

Landfill Name: West Wendover City Landfill		Disposal Quantity (Tons)	
County and State of Origin	Commercial Compacted	Commercial Uncompacted	Residential Uncompacted
Elko	5,714.51	1,696.48	0.00
Tooele	1,062.21	0.00	0.00
Total MSW:	6,776.72	1,696.48	0.00
	Industrial:	0.00	0.00
	Asbestos:	0.00	0.00
	Construction and Demolition:	769.01	0.00
	Medical:	0.00	0.00
	Tires:	0.00	0.00
	Sludge:	0.00	0.00
	HC Contaminated:	0.00	0.00
	Fly Ash:	0.00	0.00
	Other:	0.00	0.00
	Total Industrial/Special:	769.01	0.00
Totals for this landfill: West Wendover City Landfill		Total Reports:	4
	MSW Total Out of State:	1,062.21	MSW Total Compacted: 6,776.72
	MSW Total In State:	7,410.99	MSW Total Uncompacted: 1,696.48
	Total Industrial/Special:	769.01	MSW Site Total: 8,473.20

Total Waste by County

Year: **2014**

Totals for this County: Elko

MSW Total Out of State:	1,062.21	MSW Total Compacted:	37,942.44
MSW Total In State:	64,108.36	MSW Total Uncompacted:	27,228.13
Total Industrial/Special:	8,981.62	MSW County Total Total:	65,170.57

Total Waste by County

Year: 2013

County Deposited: **Elko**

Landfill Name: Elko City Landfill		Disposal Quantity (Tons)	
County and State of Origin	Commercial Compacted	Commercial Uncompacted	Residential Uncompacted
Elko	32,366.93	17,585.97	7,385.57
Total MSW:	32,366.93	17,585.97	7,385.57
	Industrial:	0.00	0.00
	Asbestos:	11.82	7.17
	Construction and Demolition:	0.00	0.00
	Medical:	96.58	92.45
	Tires:	64.10	27.97
	Sludge:	0.00	0.00
	HC Contaminated:	0.00	0.00
	Fly Ash:	0.00	0.00
	Other:	12,710.66	827.30
	Total Industrial/Special:	12,883.16	636.45
Totals for this landfill: Elko City Landfill		Total Reports:	4
	MSW Total Out of State:	0.00	MSW Total Compacted: 32,685.37
	MSW Total In State:	57,656.91	MSW Total Uncompacted: 24,971.54
	Total Industrial/Special:	13,519.61	MSW Site Total: 57,656.91

Landfill Name: West Wendover City Landfill		Disposal Quantity (Tons)	
County and State of Origin	Commercial Compacted	Commercial Uncompacted	Residential Uncompacted
Elko	6,279.64	1,529.24	100.45
Tooele	1,164.63	0.00	0.00
Total MSW:	7,444.27	1,529.24	100.45
	Industrial:	0.00	0.00
	Asbestos:	0.00	0.00
	Construction and Demolition:	893.51	0.00
	Medical:	0.00	0.00
	Tires:	0.00	0.00
	Sludge:	0.00	0.00
	HC Contaminated:	0.00	0.00
	Fly Ash:	0.00	0.00
	Other:	0.00	0.00
	Total Industrial/Special:	893.51	0.00
Totals for this landfill: West Wendover City Landfill		Total Reports:	4
	MSW Total Out of State:	1,164.63	MSW Total Compacted: 7,444.27
	MSW Total In State:	7,909.33	MSW Total Uncompacted: 1,629.69
	Total Industrial/Special:	893.51	MSW Site Total: 9,073.96

Total Waste by County

Year: **2013**

Totals for this County: Elko

MSW Total Out of State:	1,164.63	MSW Total Compacted:	40,129.64
MSW Total In State:	65,566.24	MSW Total Uncompacted:	26,601.23
Total Industrial/Special:	14,413.12	MSW County Total Total:	66,730.87

Appendix B

Elko County Code Chapter 12- SOLID WASTE DISPOSAL

Elko County Ordinance No. 2000-B – Formation of Sanitation Districts

Chapter 12

SOLID WASTE DISPOSAL

10-12-1: DEFINITIONS:

ABANDONED VEHICLE: Any vehicle or part thereof which is either:

- (A) A vehicle over which the registered owner has relinquished all further dominion and control; or
- (B) A vehicle which is inoperative under conditions indicating the owner has no intention of restoring the vehicle to operating condition. A vehicle without a valid registration currently in effect will be presumed to be an abandoned vehicle.

BULKY WASTE: Large, heavy or otherwise difficult to handle items, including, but not limited to, stoves, refrigerators, water tanks, water heaters, washing machines, furniture, large concrete and asphalt chunks, tree stumps, dead animals greater than ten (10) pounds, or other waste materials with weights or volumes greater than those allowed for containers.

COMMERCIAL UNITS: Commercial, industrial or institutional facilities. These include, but are not limited to, hotels, motels, casinos, service marts, retail stores, restaurants, bars, laundries, markets, etc.

COUNTY: The County of Elko, State of Nevada.

DEAD ANIMALS: Animals or portions thereof equal to or less than ten (10) pounds which have died from any noninfectious cause (except those slaughtered or killed for human use). Dead animals may be included as part of the normal garbage and refuse collection only in the event that such collection is allowed and authorized by the Nevada Division of Environmental Protection, solid waste division.

DISPOSAL SITE: A solid waste facility including, but not limited to, sanitary landfills, or transfer stations that are licensed, permitted or approved by all governmental bodies and agencies having jurisdiction, pursuant to Nevada Revised Statutes 444.460.

EXTREMELY HAZARDOUS WASTE: Any hazardous waste or mixture of hazardous waste which, if human exposure should occur, may likely result in death, disabling personal injury or illness, during or as a proximate result of, any disposal of such waste or mixture of wastes because of its quality, concentrations, or chemical characteristics.

FRANCHISE: A written contract or agreement entered into between the County of Elko and a solid waste collector in which the County grants to the collector the right to collect and haul solid waste and/or recyclables as permitted by law from residential and/or commercial customers in a sanitation district. A franchise may be nonexclusive.

FRANCHISEE: Any person who has been issued a franchise by the County of Elko to collect, transfer, or remove solid waste in a sanitation district.

HAZARDOUS WASTE: Any waste material or mixture of wastes which is toxic, corrosive, flammable, an irritant, or a strong sensitizer, which generates pressure through decomposition, heat or other means, if such waste or mixture of wastes may cause substantial personal injury, serious illness or harm to wildlife, during or as proximate result of any disposal of such wastes or mixtures of wastes. Hazardous waste is managed per Nevada Revised Statutes 459.400 to 459.600, inclusive.

MULTI-RESIDENTIAL UNITS: Permanent buildings or a commercial compound containing three (3) or more residential units including, but not limited to, condominiums, apartment houses, motels, hotels, mobile home parks, travel trailer parks, and recreational vehicle parks. Ranching operations are exempt.

PERMIT DOCUMENTS: The permit requirements, permit specifications, and the actual permit.

PERMITTEE: Any person or solid waste collector that has been issued a permit to collect, transfer, or remove solid waste in the Owyhee, Elko or Ruby Valley Sanitation Districts under the provisions of this Chapter. A permit is not required for self-hauling in these districts.

PERSON: Any person, firm, business, sole proprietorship, partnership, joint venture, trust, association, or corporation whether for profit or nonprofit.

RECYCLABLE MATERIALS: Material which has been segregated from other solid waste material for the purpose of reuse or recycling, including, but not limited to, discarded paper, glass, cardboard, plastic, ferrous materials, yard waste or aluminum, pursuant to Nevada Revised Statutes 444A.013 and Nevada Administrative Code 444A.100.

RESIDENTIAL UNIT: A dwelling within the unincorporated area of the County occupied by a person or group of persons comprising not more than two (2) families. A residential unit to which solid waste collection service must be rendered under the provisions of this Chapter shall be either a single-family residential unit or a duplex residential. A residential unit shall be deemed occupied when either water or residential light and power services are being supplied thereto. A duplex is considered to be two (2) attached residential units. This definition shall apply also to mobile home subdivisions where the mobile home lot is individually owned.

SANITATION DISTRICTS: Areas of Elko County that have been delineated on a map on file with the Elko County Department of Community Development and the Nevada Division of Environmental Protection, solid waste division. These areas are based roughly on drainage basins in the County. The districts are Salmon Falls District, Salt Lake Basin District, Owyhee District, Midas District, Ruby Valley District, and Elko District.

SEWAGE: Includes sewage, sludge and cesspool, septic or holding tank effluent or accumulations of human or animal excreta.

SOLID WASTE: For the purposes of this Chapter, shall mean garbage, rubbish or construction waste as hereinafter defined pursuant to Nevada Revised Statutes 444.490.

- (A) **Garbage:** Includes all kitchen and table food waste, animal waste, vegetable waste and all household waste or residue resulting from the preparation, storage, cooking, handling, or treatment of food and shall also include putrescible waste as defined in Nevada Administrative Code 444.578.
- (B) **Rubbish:** All nonputrescible waste matter or debris, manure, including combustible and noncombustible materials that result from normal household, community, and business activities including grass clippings, tree trimmings, litter, wood, glass, cans, bedding, crockery, plastics and similar materials, as defined in Nevada Administrative Code 444.612, but not including bulky wastes, construction or demolition wastes.
- (C) **Construction Waste:** All nonhazardous waste material and rubble resulting from the construction, alteration, repair, removal or demolition of buildings or from the production or development of real property which is customarily handled and transported by means of roll-off boxes, trucks or containers.

SOLID WASTE AUTHORITY: An official from the Nevada Division of Environmental Protection, solid waste division.

SOLID WASTE COLLECTOR: Any person who operates collection routes for the removal of solid waste from residential, multi-residential, commercial or industrial premises.

STORAGE BIN: A portable waste container which is used for the collection of solid waste for transport to a solid waste disposal site.

TRANSFER VEHICLE: A vehicle or roll-off unit used to transport solid waste from a collection point to a permitted landfill or processing facility. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-2: PERMITS AND FRANCHISES:

(A) Permits: Permits to collect and haul solid waste and/or recyclables as permitted by law in the unincorporated areas of Elko County may be issued to qualified parties as provided in subsection (C) of this Section.

(B) Franchises: At its discretion, the Board of Commissioners may grant franchises to qualified parties to collect and haul solid waste and/or recyclables as permitted by law in the unincorporated areas of Elko County on such terms and conditions as may be agreed to by the County and by the party or parties receiving the franchise or franchises. Franchises will be applied to the Salmon Falls Sanitation District, the Salt Lake Basin District and the Midas Sanitation District. Franchises as granted by the Board may be nonexclusive, exclusive, or partly exclusive and partly nonexclusive, pursuant to Nevada Revised Statutes chapter 709.

(C) Issuance Of Permits:

1. The Board of Commissioners hereby establishes a system of permits in the Owyhee, Elko and Ruby Valley Sanitation Districts to regulate the collection, transfer, and removal of solid waste by granting permits to qualified applicants who meet the standards set forth in this Chapter, and to revoke permits where the permittee has failed to meet those standards or has violated the laws or ordinances applicable to solid waste, collection, transfer, and removal. No permit is required for self-haulers.
2. Any permit issued under this Chapter may be revoked or suspended by the Board of Commissioners following written recommendation from the Community Development Department or the Nevada Division of Environmental Protection.

(D) Applications For Permits And Franchises:

1. The franchises for the Salmon Falls, Salt Lake Basin and Midas Sanitation Districts may be by competitive bid and the contract for service in this area shall be for a period of five (5) years.
2. Solid waste collectors who are lawfully providing waste collection, transfer or removal services in the Sanitation Districts of Midas and Salmon Falls, shall be granted a new franchise by the County Commissioners to continue such services for those Districts provided that such collectors are furnishing adequate service or are under an existing contract for services with the County.

(E) Revocation Of Permit: A permit may be revoked or suspended by the Board of Commissioners whenever the permittee has violated a material provision of this Chapter, or State rules or regulations. In such instance, a written notice of intended revocation or suspension as proposed shall first be delivered in person or by certified mail to the business address of the permittee. The written notice shall state the grounds for the proposed revocation or suspension.

(F) Appeals: The applicant or permittee may appeal such proposed denial, suspension or revocation by filing a written request for a hearing before the board of commissioners not more than fifteen (15) calendar days after notice of the proposed denial, suspension or revocation has been given. Upon receipt of a written request for a hearing, the chairman shall set the matter for public hearing on a date not more than sixty (60) calendar days following receipt of such written request and shall give the applicant or permittee and the board fifteen (15) working days after the close of the hearing to comply with the decision. Such decision shall be final. Where the permit is suspended or revoked, the permittee shall terminate its operations as determined by the board of commissioners. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-3: SANITATION DISTRICTS:

(A) The board of commissioners hereby declares that the unincorporated area of the county is divided into sanitation districts as shown on the map entitled "Sanitation Districts Of Elko County" and is on file in the office of community development and Nevada division of environmental protection, solid waste division.

1. The county commissioners hereby find that it is necessary in the interests of public health, safety, welfare and convenience of the residents of the county, to establish and maintain such sanitation districts.
2. The boundaries of the sanitation districts shall be subject to modification by the board of county commissioners, by resolution, whenever the board finds that such modifications are necessary and are in the public interest pursuant to Nevada Revised Statutes 244.188.
3. All permittees or a franchisee in any district where a modification in boundaries is proposed shall first be provided notice prior to the consideration of any such modification pursuant to Nevada Revised Statutes 244.188(5).

(B) The board of commissioners hereby reserves the right to establish, by resolution or ordinance, sanitation districts, the right to set fees and charges in such areas and the right to include or exclude territory from such areas.

(C) Persons in the Salmon Falls sanitation district shall be assessed a fee divided equally to all users for solid waste disposal. This applies to any persons connected to the Jarbidge water supply system or is included in the definition of residential, multi or commercial unit. This fee shall be set by resolution of the county board.

(D) Persons in the Midas sanitation district shall be assessed a fee divided equally to all Midas water system users for the total cost of waste disposal service presently available.

(E) Persons in the Salt Lake Basin sanitation district shall be assessed a fee contingent upon the final negotiation with a franchisee and the fee can be increased. The fee shall be set by resolution of the county board.

(F) In the Owyhee, Ruby Valley and Elko districts, persons are required to contract separately with an approved permitted collector, form cooperative efforts for a common storage bin facility or self-haul their solid waste. When a storage bin facility is desired, all requirements of Nevada administrative code 444.66647 shall be observed for a public storage bin facility. (Ord. 2003-E, 11-5-2003)

10-12-4: SOLID WASTE REMOVAL RESPONSIBILITIES:

(A) Every tenant, occupier, operator or owner of a residence, commercial, industrial or multi-family residence or construction or demolition site shall not less than once a week cause to be removed all putrescible solid waste created or nonputrescible in combination with such, as per Nevada administrative code 444.662, #4, produced or brought upon the property to an approved disposal site. This may be a single resident pick up site or a common receptacle site as established by the permittee, franchisee or self-hauled to an approved disposal site. Should conditions warrant at any commercial, industrial or multi-residential unit, the community development department in conjunction with the Nevada division of environmental protection may require increased frequency of collection.

1. All solid waste in or about any residential, commercial or industrial building shall be deposited in commercial public storage waste bins or suitable containers as approved by the community development department and the permittee. All public storage waste bins and other suitable containers shall be leakproof. Public storage bins shall be covered if any garbage is placed therein.
 - (a) No container shall exceed thirty six (36) gallons in size or have a loaded weight in excess of fifty five (55) pounds, except where mechanical loading systems are utilized.

- (b) Where bins are utilized, arrangements shall be made by the users and the permittee for placement of the containers so as to minimize traffic, aesthetic and other problems both on the property and for the general public. The Community Development Department may designate a placement.
- (B) Dead animals greater than ten (10) pounds and bulky waste shall not be set out for collection. Bulky waste shall be collected only during annual cleanups or by contractual arrangement between the resident or business and the permittee.
- (C) Following pickup, the permittee or franchisee and its employees shall set the cans in a properly upright position. Permittee shall pick up any spillage caused during collection. Permittee is not responsible, however, for spillage caused by dogs, animals, vandals, the wind or other natural causes.
- (D) No person or permittee shall place in service any container found to be in a deteriorated condition.
- (E) Tree trimmings and brush shall be cut into four foot (4') lengths and tied into bundles not larger than twenty four inches (24") in diameter for ease of pickup. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-5: PROHIBITIONS:

- (A) No person shall collect, transfer or remove putrescible solid waste or a mixture of putrescible and nonputrescible in the unincorporated area of the County without a valid permit or franchise issued by the County. This in no way prohibits any resident from self-hauling any solid waste to a disposal site.
- (B) A permittee or franchisee shall not collect, transfer or remove solid waste in any area for which it does not hold a current and valid permit or franchise.
- (C) Exempted from the foregoing prohibitions are the following:
 - 1. A person may haul their own solid waste.
 - 2. Construction contractors or their subcontractors, building remodeling contractors and demolition contractors, may haul their own construction debris and waste provided they utilize only their own employees and equipment.
 - 3. The County.
- (D) No person shall accept solid waste at any place, location, tract of land, area or premises that is not a disposal site permitted in accordance with Nevada Revised Statutes 444.553, or other facility for the management of solid waste which is approved for operation in accordance with Nevada Administrative Code 444.570 to 444.7499. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-6: RIGHT OF FURTHER REGULATION RESERVED:

The County hereby reserves its right to regulate or further regulate aspects of solid waste handling. This includes, but not limited to, frequency of collections, means of collection and transportation, level of service, fees, nature, location, extent of providing solid waste handling services, whether such services are to be by means of nonexclusive franchise, contract, license, or permit. If, in the opinion of the Board of Commissioners, the public health, safety, and well-being so require by partially exclusive or wholly exclusive franchise, contract, license, permit or otherwise, authority to provide such solid waste handling services may be granted under such terms and conditions as are prescribed by the Board of Commissioners pursuant to resolution or ordinance. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-7: VIOLATIONS:

Violations of any of the provisions of this Chapter, are misdemeanors as hereinafter specified. Such person or entity shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of this Chapter is not corrected. Any person so convicted shall be: a) punished by a fine not exceeding one hundred dollars (\$100.00) for a first violation; b) punished by a fine not exceeding two hundred dollars (\$200.00) for a second violation. The third and any additional violations perpetrated by the same person shall be punishable by a fine up to one thousand dollars (\$1,000.00) or six (6) months in jail, or both. Payment of any penalty herein shall not relieve a person from the responsibility for correcting the violation. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-8: PUBLIC NUISANCE DECLARATION:

The existence of garbage, rubbish, construction waste materials, abandoned vehicles, auto bodies or waste matter of any kind, upon any public or private highway, street, alley or road, or any lot or parcel of land, whether public or private is a public nuisance and the removal thereof is necessary to protect the health and safety of the inhabitants of Elko County. In addition, any violation of this Chapter is hereby deemed to be a public nuisance, and may be abated by the Code Enforcement Officer or his designee, irrespective of any other remedy hereinabove provided. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

10-12-9: RECYCLING AND HOUSEHOLD WASTE REDUCTION:

It is the intention of the County to encourage its citizens to recycle some waste materials and to bring them to a recycling center. Currently the Elko Regional Landfill accepts all household hazardous waste such as waste tires, car batteries, used oil and paints. Residents should take all household hazardous waste to this facility. Used oil and batteries may also be accepted for recycling at participating automotive retail stores and service centers. (Ord. 2000-B, 2-2-2000, eff. 3-1-2000)

SUMMARY: Provides for the formation of sanitation districts to handle solid waste disposal within Elko County.

BILL NO. 2

ORDINANCE NO. 2000-B

AN ORDINANCE CREATING CHAPTER 12 OF TITLE 10 OF THE ELKO COUNTY CODE TO PROVIDE FOR THE FORMATION OF SANITATION DISTRICTS TO HANDLE SOLID WASTE DISPOSAL; TO PROVIDE FOR PERMITS, FRANCHISES AND SELF-HAULING IN CERTAIN DISTRICTS; TO PROVIDE FOR MANDATORY COLLECTION IN CERTAIN DISTRICTS; AND OTHER MATTERS PROPERLY RELATED THERETO.

THE BOARD OF COUNTY COMMISSIONERS OF THE COUNTY OF ELKO DOES ORDAIN:

Title 10, Chapter 12:

WHEREAS, It is the policy of this State, pursuant to NRS 444.440 to regulate the collection and disposal of solid waste in a manner that will:

1. Protect public health and welfare.
2. Prevent water and air pollution.
3. Prevent the spread of disease and the creation of nuisances.
4. Conserve natural resources
5. Enhance the beauty and quality of the environment, and

WHEREAS, The County of Elko, pursuant to NRS 444.510, is required to develop a plan to provide for a solid waste management system which adequately provides for the management and disposal of solid waste within its boundaries whether generated within or outside of the boundaries of its area, and

WHEREAS, The County finds that the collection of solid waste can best be carried out by the private sector, and

WHEREAS, The County finds it necessary to establish areas of collection, and

WHEREAS, It is not the County's intention to restrict competition, and

WHEREAS, It is in the public's interest to establish Sanitation Districts and award a franchise to one contractor in certain districts and to provide for permitted hauling in other districts to provide efficient service and keep costs down.

10-12-1 Definitions

A. "Abandoned Vehicle" any vehicle or part thereof which is either:

1. A vehicle over which the registered owner has relinquished all further dominion and control or
2. A vehicle which is inoperative under conditions indicating the owner has no intention of restoring the vehicle to operating condition. A vehicle without a valid registration currently in effect will be presumed to be an abandoned vehicle.

B. "Bulky Waste" shall mean large, heavy or otherwise difficult to handle items, including but not limited to, stoves, refrigerators, water tanks, water heaters, washing machines, furniture, large concrete and asphalt chunks, tree stumps, dead animals greater than ten pounds, or other waste materials with weights or volumes greater than those allowed for containers.

C. "Commercial Units" shall mean Commercial, Industrial or Institutional facilities. These include but are not limited to hotels, motels, casinos, service marts, retail stores, restaurant, bars, laundries, markets etc.

D. "County" shall mean the County of Elko, State of Nevada.

E. "Dead Animals" shall mean animals or portions thereof equal to or less than 10 pounds which have died from any non-infectious cause (except those slaughtered or killed for human use). Dead animals may be included as part of the normal garbage and refuse collection only in the event that such collection is allowed and authorized by the Nevada Division of Environmental Protection, solid waste division.

F. "Disposal Site" shall mean a solid waste facility including, but not limited to, sanitary landfills, or transfer stations that are licensed, permitted or approved by all governmental bodies and agencies having jurisdiction, pursuant to NRS 444.460

G. "Extremely Hazardous Waste" shall mean any hazardous waste or mixture of hazardous waste which, if human exposure should occur, may likely result in death, disabling personal injury or illness, during or as a proximate result of, any disposal of such waste or mixture of wastes because of its quality, concentrations, or chemical characteristics.

H. "Franchise" shall mean a written contract or agreement entered into between the County of Elko and a solid waste collector in which the County grants to the collector the right to collect and haul solid waste and or recyclables as permitted by law from residential and or commercial customers in a sanitation district. A franchise may be non-exclusive.

I. "Franchisee" shall mean any person who has been issued a franchise by the County of Elko to collect, transfer, or remove solid waste in a sanitation district.

J. "Hazardous Waste" shall mean any waste material or mixture of wastes which is toxic, corrosive, flammable, an irritant, or a strong sensitizer, which generates pressure through decomposition, heat or other means, if such waste or mixture of wastes may cause substantial personal injury, serious illness or harm to wildlife, during or as proximate result of any disposal of such wastes or mixtures of wastes. Hazardous waste is managed per NRS 459.400 to 459.600, inclusive.

K. "Multi-Residential Units" shall mean permanent buildings or a commercial compound containing three or more residential units including but not limited to, condominiums, apartment houses, motels, hotels, mobile home parks, travel trailer parks, and recreational vehicle parks. Ranching operations are exempt.

L. "Permit Documents" shall mean the permit requirements, permit specifications, and the actual permit.

M. "Permittee" shall mean any person or solid waste collector that has been issued a permit to collect, transfer, or remove solid waste in the Owyhee, Elko or Ruby Valley Sanitation Districts under the provisions of this ordinance. A permit is not required for self hauling in these districts.

N. "Person" shall mean any person, firm, business, sole proprietorship, partnership, joint venture, trust, association, or corporation whether for profit or non-profit.

P. "Sewage" includes sewage, sludge and cesspool, septic or holding tank effluent or accumulations of human or animal excreta

Q. "Solid Waste Authority" shall mean an official from the Nevada Division of Environmental Protection, solid waste division.

R. "Storage Bin" shall mean a portable waste container which is used for the collection of solid waste for transport to a solid waste disposal site.

S. "Recyclable Materials" means material which has been segregated from other solid waste material for the purpose of reuse or recycling, including, but not limited to, discarded paper, glass, cardboard, plastic, ferrous materials, yard waste or aluminum, pursuant to NRS 444A.013 and NAC 444A.100.

T. "Residential Unit" shall mean a dwelling within the unincorporated area of the County occupied by a person or group of persons comprising not more than two families. A residential unit to which solid waste collection service must be rendered under the provisions of this ordinance shall be either a single family residential unit or a duplex residential. A residential unit shall be deemed

occupied when either water or residential light and power services are being supplied thereto. A duplex is considered to be two attached residential units. This definition shall apply also to mobile home subdivisions where the mobile home lot is individually owned.

U. "Sanitation Districts" shall mean areas of Elko County that have been delineated on a map on file with the Elko County Department of Community Development and the Nevada Division of Environmental Protection Solid Waste Division. These areas are based roughly on drainage basins in the County. The districts are Salmon Falls District, Salt Lake Basin District, Owyhee District, Midas District, Ruby Valley District, Elko District.

V. "Solid Waste" for the purposes of this Ordinance, shall mean garbage, rubbish or construction waste as hereinafter defined pursuant to NRS 444.490.

1. "Garbage" shall include all kitchen and table food waste, animal waste, vegetable waste and all household waste or residue resulting from the preparation, storage, cooking, handling, or treatment of food and shall also include putrescible waste as defined in NAC 444.578 of the Nevada Administrative Code.

2. "Rubbish" shall mean all non-putrescible waste matter or debris, manure, including combustible and non combustible materials that result from normal household, community, and business activities including grass clippings, tree trimmings, litter, wood, glass, cans, bedding, crockery, plastics and similar materials, as defined in NAC 444.612, but not including bulky wastes, construction or demolition wastes.

3. "Construction Waste" shall mean all non hazardous waste material and rubble resulting from the construction, alteration, repair, removal or demolition of buildings or from the production or development of real property which is customarily handled and transported by means of roll-off boxes, trucks or containers.

W. "Solid Waste Collector" shall mean any person who operates collection routes for the removal of solid waste from residential, multi-residential, commercial or industrial premises.

X. "Transfer Vehicle" Shall mean a vehicle or roll-off unit used to transport solid waste from a collection point to a permitted landfill or processing facility.

10-12-2 Permits and franchises

A. Permits to collect and haul solid waste and or recyclables as permitted by law in the unincorporated Areas of Elko County may be issued to qualified parties as provided in item C of the Section.

B. At its discretion, The Board of Commissioners may grant franchises to qualified parties

to collect and haul solid waste and/or recyclables as permitted by law in the unincorporated areas of Elko County on such terms and conditions as may be agreed to by the County and by the party or parties receiving the franchise or franchises. Franchises will be applied to the Salmon Falls Sanitation District, The Salt Lake Basin District and the Midas Sanitation District. Franchises as granted by the Board may be non-exclusive, exclusive, or partly exclusive and partly non-exclusive, pursuant to NRS Chapter 709.

C. Issuance of Permits.

1. The Board of Commissioners hereby establishes a system of permits in the Owyhee, Elko and Ruby Valley Sanitation Districts to regulate the collection, transfer, removal of solid waste by granting permits to qualified applicants who meet the standards set forth in this Ordinance, and to revoke permits where the permittee has failed to meet those standards or has violated the laws or ordinances applicable to solid waste, collection, transfer, and removal. No permit is required for self haulers.

2. Any permit issued under this Ordinance may be revoked or suspended by the Board of Commissioners following written recommendation from the Community Development Department or the Nevada Division of Environmental Protection.

D. Applications for Permits and Franchise.

1. The Franchises for the Salmon Falls, Salt Lake Basin and Midas Sanitation District may be by competitive bid and the contract for service in this area shall be for a period of five (5) years.

2. Solid waste collectors who are lawfully providing waste collection, transfer or removal services in the Sanitation Districts of Midas and Salmon Falls, shall be granted a new franchise by the County Commissioners to continue such services for those Districts provided that such collectors are furnishing adequate service or are under an existing contract for services with the County.

E. Revocation of Permit. A permit may be revoked or suspended by the Board of Commissioners whenever the permittee has violated a material provision of this ordinance, or State rules or regulations. In such instance, a written notice of intended revocation or suspension as proposed shall first be delivered in person or by certified mail to the business address of the permittee. The written notice shall state the grounds for the proposed revocation or suspension.

F. Appeals. The applicant or permittee may appeal such proposed denial, suspension or revocation by filing a written request for a hearing before the Board of Commissioners not more than fifteen (15) calendar days after notice of the proposed denial, suspension or revocation has been given. Upon receipt of a written request for a hearing, The Chairman shall set the matter for public hearing on a date not more than sixty (60) calendar days following receipt of such written request

and shall give the applicant or permittee and the Board fifteen (15) working days after the close of the hearing to comply with the decision. Such decision shall be final. Where the permit is suspended or revoked, the permittee shall terminate its operations as determined by the Board of Commissioners.

10-12-3 Sanitation Districts

A. The Board of Commissioners hereby declares that the unincorporated area of the County of Elko is divided into Sanitation Districts as shown on the map entitled "Sanitation Districts of Elko County" and is on file in the office of Community Development and Nevada Division of Environmental Protection Solid Waste Division.

1. The County Commissioners hereby finds that it is necessary in the interests of public health, safety, welfare and convenience of the residents of the County , to establish and maintain such Sanitation Districts.

2. The boundaries of the Sanitation Districts shall be subject to modification by the Board of County Commissioners, by resolution, whenever the Board finds that such modifications are necessary and are in the public interest pursuant to NRS 244.188.

3. All permittees or a franchisee in any District where a modification in boundaries is proposed shall first be provided notice prior to the consideration of any such modification pursuant to NRS 244.188 (5).

B. The Board of Commissioners hereby reserves the right to establish, by resolution or Ordinance, Sanitation Districts, the right to set fees and charges in such areas and the right to include or exclude territory from such areas.

C. Persons in the Salmon Falls Sanitation District shall be assessed a fee for solid waste disposal as per Elko County Code 10-9-1 for a sanitary landfill. This applies to any persons connected to the Jackpot Municipal Sewer System, the Jarbidge Water Supply System or is included in the definition of residential, multi or commercial unit.

D. Persons in the Midas Sanitation District shall be assessed a fee divided equally to all Midas Water System users for the total cost of waste disposal service presently available.

E. Persons in the Salt Lake Basin Sanitation District shall be assessed a fee contingent upon the final negotiation with a franchisee and can be increased. Contingent upon contractor's bid and set by resolution of the County Board.

F. In the Owyhee, Ruby Valley and Elko Districts, persons are required to contract separately with an approved permitted collector, form co-operative efforts for a common storage bins facility

or self haul their solid waste. When a storage bin facility is desired, all requirements of NAC 444.66647 shall be observed for a public storage bin facility.

10-12-4 Solid Waste Removal Responsibilities.

A. Every tenant, occupier, operator or owner of a residence, commercial, industrial or multi family residence or construction or demolition site shall not less than once a week cause to be removed all putrescible solid waste created or non putrescible in combination with such, as per NAC 444.662,# 4 , produced or brought upon the property to an approved disposal site. This may be a single resident pickup site or a common receptacle site as established by the permittee, franchisee or self hauled to an approved disposal site. Should conditions warrant at any commercial, industrial or multi-residential unit, the Community Development Department in conjunction with the Nevada Division of Environmental Protection may require increased frequency of collection.

1. All solid waste in or about any residential, commercial or industrial building shall be deposited in commercial public storage waste bins or suitable containers as approved by the Community Development Department and the Permittee. All public storage waste bins and other suitable containers shall be leakproof. Public Storage Bins shall be covered if any garbage is placed herein.

a. No container shall exceed 36 gallons in size or have a loaded weight in excess of 55 pounds, except where mechanical loading systems are utilized.

b. Where bins are utilized, arrangements shall be made by the users and the permittee for placement of the containers so as to minimize traffic, aesthetic and other problems both on the property and for the general public. The Community Development Department may designate a placement.

B. Dead Animals greater than ten pounds and bulky waste shall not be set out for collection. Bulky waste shall be collected only during annual cleanups or by contractual arrangement between the resident or business and the permittee.

C. Following pickup, the permittee or franchisee and its employees shall set the cans in a properly upright position. Permittee shall pickup any spillage caused during collection. Permittee is not responsible, however for spillage caused by dogs, animals, vandals, the wind or other natural causes.

D. No person or permittee shall place in service any container found to be in a deteriorated condition.

E. Tree trimmings and brush shall be cut into four (4) Foot lengths and tied bundles not larger than twenty-four inches in diameter for ease of pickup.

10-12-5 Prohibitions.

A. No person shall collect, transfer or remove putrescible solid waste or a mixture of putrescible and non putrescible in the unincorporated area of the County of Elko without a valid permit or franchise issued by the County of Elko. This in no way prohibits any resident from self hauling any solid waste to a disposal site.

B. A permittee or franchisee shall not collect, transfer or remove solid waste in any area for which it does not hold a current and valid permit or franchise.

C. Exempted from the foregoing prohibitions are the following:

1. A person may haul their own solid waste.

2. Construction Contractors or their subcontractors, building remodeling contractors and demolition contractors , may haul their own construction debris and waste provided they utilize only their own employees and equipment.

3. The County of Elko

D. No person shall accept solid waste at any place, location, tract of land, area or premises that is not a disposal site permitted in accordance with NRS 444.553, or other facility for the management of solid waste which is approved for operation in accordance with NAC 444.570 to 444.7499.

10-12-6 Right of further regulation reserved.

The County hereby reserves its right to regulate or further regulate aspects of solid waste handling. This includes but not limited to, frequency of collections, means of collection and transportation, level of service, fees, nature, location, extent of providing solid waste handling services, whether such services are to be by means of non-exclusive franchise, contract, license, or permit. If in the opinion of the Board of Commissioners, the public health, safety, and well being so require by partially exclusive or wholly exclusive franchise, contract, license, permit or otherwise authority to provide such solid waste handling services may be granted under such terms and conditions as are prescribed by the Board of Commissioners pursuant to resolution or ordinance.

10-12-7 Violations

Violations of any of the provisions of this Ordinance, are misdemeanors as hereinafter specified. Such person or entity shall be deemed guilty of a separate offense for each and every day

or portion thereof during which any violation of any of the provisions of this ordinance. Any person so convicted shall be: (1) punished by a fine not exceeding one hundred dollars (\$100.00) for a first violation; (2) punished by a fine not exceeding two hundred dollars (\$200.00) for a second violation. The third and any additional violations perpetrated by the same person shall be punishable by a fine up to one thousand dollars (\$1000.00) or six (6) months in jail, or both. Payment of any penalty herein shall not relieve a person from the responsibility for correcting the violation.

10-12-8 Public Nuisance Declaration.

The existence of garbage, rubbish, construction waste materials, abandoned vehicles, auto bodies or waste matter of any kind, upon any public or private highway, street, alley or road, or any lot or parcel of land, whether public or private is a public nuisance and the removal thereof is necessary to protect the health and safety of the inhabitants of Elko County. In addition, any violation of this ordinance is hereby deemed to be a public nuisance, and may be abated by the Code Enforcement Officer or his designee, irrespective of any other remedy herein above provided.

10-12-9 Recycling and Household Waste Reduction

It is the intention of the County to encourage its citizens to recycle some waste materials and to bring them to a recycling center. Currently the Elko Regional landfill accepts all household hazardous waste such as waste tires, car batteries used oil and paints. Residents should take all household hazardous waste to this facility. Used oil and batteries may also be accepted for recycling at participating automotive retail stores and service centers.

Proposed this 5th day of January, 2000, by
Elko County Commissioner Nolan Lloyd.

Passed and adopted this 2nd day of February, 2000.

Vote: Ayes: ANTHONY L. LESPERANCE

NOLAN W. LLOYD

MIKE NANNINI

BRAD ROBERTS

ROBERTA SKELTON

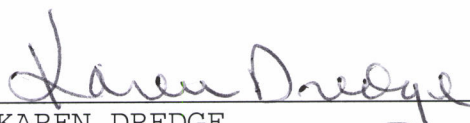
Nays: NONE

Absent: NONE



CHAIRMAN OF THE BOARD OF COMMISSIONERS

ATTEST:



KAREN DREDGE
Elko County Clerk

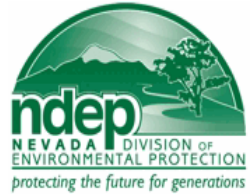
This Ordinance shall be in full force and effect from and after the 1st day of March, 2000, after required publication.

Appendix C

Elko County Recycling Listing

Nevada Recycling Resources

Nevada Division of Environmental Protection
 901 S. Stewart St. Ste. 4001
 Carson City, NV 89701
 Recycling Hotline: 1-800-597-5865
<http://nevadarecycles.nv.gov/>



COMPANY	PHONE	LOCATION	CITY	ZIP
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Elko County

Aluminum

PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
GREAT BASIN AUTO RECYCLING	(775)738-5814	2000 LAMOILLE HWY	Elko	89801

Antifreeze

Elko City Landfill	(775)777-7395	2200 Pinion Road	Elko	89801
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Appliances

PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
GREAT BASIN AUTO RECYCLING	(775)738-5814	2000 LAMOILLE HWY	Elko	89801
JOE'S TOWING & AUTO WRECKING	(775)752-3516	858 10TH STREET	Wells	89835
Elko City Landfill	(775)777-7395	2200 Pinion Road	Elko	89801

Automobiles

PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
GREAT BASIN AUTO RECYCLING	(775)738-5814	2000 LAMOILLE HWY	Elko	89801
JOE'S TOWING & AUTO WRECKING	(775)752-3516	858 10TH STREET	Wells	89835

Batteries - Auto

O'Reilly Auto Parts (Kragen & Checker)	(775)777-3977	1710 Mountain City Hwy	Elko	89801
CARQUEST	(775)738-5116	480 W IDAHO ST	Elko	89801
CITY OF CARLIN PUBLIC WORKS	(775)754-6515	810 OAK STREET	Carlin	89822
ELKO AUTO WRECKING	(775)777-7522	431 HOT SPRINGS RD	Elko	89801
FAIRMONT SUPPLY	(775)738-6205	403 W IDAHO STREET	Elko	89801
NAPA AUTO PARTS	(775)738-8406	331 12TH ST	Elko	89801
Elko City Landfill	(775)777-7395	2200 Pinion Road	Elko	89801

COMPANY	PHONE	LOCATION	CITY	ZIP
Batteries - Household				
Home Depot	(775) 738-0455	2955 Mountain City Hwy	Elko	89801
Wal-Mart	(775)778-6787	2944 Mountain City Hwy	Elko	89801
Cardboard				
PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
SCOTT'S FOODTOWN	(775)754-6615	552 6TH STREET	Carlin	89822
GOOD MORNING FURNITURE	(775)738-9500	2990 IDAHO STREET	Elko	89801
Cartridges				
OFFICE MAX	(775)777-1263	1780 Mountain City Hwy	Elko	89801
Cell Phones				
Wal-Mart	(775)778-6787	2944 Mountain City Hwy	Elko	89801
Compact Fluorescent Lamps				
Home Depot	(775) 738-0455	2955 Mountain City Hwy	Elko	89801
Computers				
PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
Electronics				
PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
Gas and Fuel				
Elko City Landfill	(775)777-7395	2200 Pinion Road	Elko	89801
Household Hazardous Waste				
Elko City Landfill	(775)777-7395	2200 Pinion Road	Elko	89801
Oil & Transmission Fluid				
O'Reilly Auto Parts (Kragen & Checker)	(775)777-3977	1710 Mountain City Hwy	Elko	89801
Elko City Landfill	(775)777-7395	2200 Pinion Road	Elko	89801
Wal-Mart	(775)778-6787	2944 Mountain City Hwy	Elko	89801
NAPA AUTO PARTS	(775)738-8406	331 12TH ST	Elko	89801

COMPANY**PHONE****LOCATION****CITY****ZIP****Radiators**

GREAT BASIN AUTO RECYCLING	(775)738-5814	2000 LAMOILLE HWY	Elko	89801
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Scrap Metal

PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
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ELKO AUTO WRECKING	(775)777-7522	431 HOT SPRINGS RD	Elko	89801
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GREAT BASIN AUTO RECYCLING	(775)738-5814	2000 LAMOILLE HWY	Elko	89801
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Steel and Tin

PACIFIC STEEL & RECYCLING	(775)753-6300	9250 E IDAHO ST	Elko	89801
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GREAT BASIN AUTO RECYCLING	(775)738-5814	2000 LAMOILLE HWY	Elko	89801
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Textiles

RUBY MOUNTAIN RESOURCE CTR	(775)777-8913	806 River Street	Elko	89801
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United Cerebral Palsy	(775)753-4745	450 W Silver St # 103	Elko	89801
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F.I.S.H.	(775)753-7650	821 Water Street	Elko	89801
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Appendix D

Nevada State Demographer Population Projections
(2015 - 5 years & 2014 - 10 years)

Population Projections for Nevada's Counties 2015 to 2019
Nevada State Demographer's Office
Based On 2014 Estimate

Douglas				Elko				Esmeralda			
	Total Population	Change Previous Year	Percentage Change		Total Population	Change Previous Year	Percentage Change		Total Population	Change Previous Year	Percentage Change
2014	48,553				53,358				926		
2015	48,347	-206	-0.4%		54,054	696	1.3%		973	47	5.1%
2016	48,220	-126	-0.3%		54,677	623	1.2%		1,013	39	4.0%
2017	48,171	-50	-0.1%		55,294	617	1.1%		1,044	32	3.2%
2018	48,190	20	0.0%		55,922	629	1.1%		1,069	25	2.4%
2019	48,230	39	0.1%		56,521	598	1.1%		1,086	16	1.5%

<http://nvdemography.org/wp-content/uploads/2015/02/March-2015-Five-Year-Projections.pdf>

Population Projections for Nevada's Counties 2014 to 2033
Nevada State Demographer's Office
Based On 2013 Estimate: Comparing Including Tesla Plant and Original
DRAFT Projections

	Elko With Tesla			Esmeralda With Tesla		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
With Tesla						
2013	53,384			858		
2014	54,301	917	1.7%	912	54	6.3%
2015	54,993	692	1.3%	959	47	5.1%
2016	55,527	534	1.0%	997	39	4.0%
2017	56,038	511	0.9%	1,029	31	3.2%
2018	56,562	525	0.9%	1,053	24	2.4%
2019	57,016	453	0.8%	1,069	16	1.5%
2020	57,407	391	0.7%	1,079	10	0.9%
2021	57,699	291	0.5%	1,082	3	0.3%
2022	57,915	216	0.4%	1,078	-4	-0.4%
2023	58,062	147	0.3%	1,071	-7	-0.7%
2024	58,157	96	0.2%	1,059	-12	-1.1%
2025	58,192	35	0.1%	1,043	-16	-1.5%
2026	58,183	-9	0.0%	1,026	-17	-1.7%
2027	58,137	-46	-0.1%	1,005	-20	-2.0%
2028	58,068	-69	-0.1%	985	-20	-2.0%
2029	57,963	-105	-0.2%	964	-21	-2.2%
2030	57,862	-101	-0.2%	939	-24	-2.5%
2031	57,794	-68	-0.1%	916	-23	-2.5%
2032	57,747	-47	-0.1%	893	-23	-2.5%
2033	57,689	-58	-0.1%	870	-23	-2.6%

	Elko			Esmeralda		
	Total Population	Change Previous Year	Percentage Change	Total Population	Change Previous Year	Percentage Change
Original Draft						
2013	53,384			858		
2014	54,301	917	1.7%	912	54	6.3%
2015	54,998	697	1.3%	959	47	5.1%
2016	55,540	542	1.0%	997	39	4.0%
2017	56,060	520	0.9%	1,029	31	3.2%
2018	56,594	534	1.0%	1,053	24	2.4%
2019	57,053	459	0.8%	1,069	16	1.5%
2020	57,449	396	0.7%	1,079	10	0.9%
2021	57,745	296	0.5%	1,082	3	0.3%
2022	57,965	220	0.4%	1,079	-3	-0.3%
2023	58,116	151	0.3%	1,071	-8	-0.8%
2024	58,214	99	0.2%	1,060	-11	-1.0%
2025	58,253	39	0.1%	1,044	-16	-1.5%
2026	58,247	-6	0.0%	1,027	-17	-1.7%
2027	58,205	-42	-0.1%	1,006	-20	-2.0%
2028	58,140	-65	-0.1%	986	-20	-2.0%
2029	58,037	-103	-0.2%	965	-21	-2.2%
2030	57,939	-98	-0.2%	940	-24	-2.5%
2031	57,874	-65	-0.1%	917	-23	-2.5%
2032	57,829	-45	-0.1%	894	-23	-2.5%
2033	57,773	-56	-0.1%	871	-23	-2.6%

Appendix E

Elko County Contact List

Elko County Contact List

Elko County Community Development

540 Court Street, Suite 104
Elko, Nevada 89801
(775)738-6816
Jim Kerr – Elko Public Works Superintendent
Shawn Burt – Jackpot Public Works Superintendent

City of Elko Solid Waste Facility

1751 College Avenue
Elko, NV 89801
(775)777-7394
Mike Hess, Landfill Superintendent
mhess@elkocitynv.gov

City of Carlin

P.O. Box 787
101 So. 8th Street
Carlin, NV 89822
Carlos Esparza, Public Works Director
(775)754-6515

City of Wells

P.O. Box 366
525 6th Street, 89835
Wells, Nevada 89835
Jason Pengelly, Public Works Foreman
775-752-3715
E-mail: wellscityshop@frontier.com

City of West Wendover

P.O. Box 2825
1111 N. Gene L. Jones Way
West Wendover, NV 89883
Bryce Kimber, Jr. Director of Public Works
(775)664-3081

Waste Disposal Contractors

Desert Disposal (Midas)

4062 W. Winnemucca Blvd.
Winnemucca, NV 89445
(775)623-5115

Elko Sanitation (Montello & Pilot Valley)

A Waste Connections Company
355 W. Silver Street
Elko, NV 89801
www.elkosanitation.com

Southern Idaho Solid Waste

PO Box 159
1050 West 400 South
Burley, ID 83318
(208) 432-9082
www.SISW.org