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**An Analysis of Apartment Complex Recycling  
in Clark County, Nevada**

by

**Noriko Eguchi**

**A thesis submitted in partial fulfillment  
of the requirements for the**

**Bachelor of Arts Degree  
Department of Environmental Studies  
Greenspun College of Urban Affairs**

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### **Abstract**

The purpose of this study is to analyze recycling opportunities for people living in apartments and recommend solutions to improve apartment complex recycling programs in Clark County, Nevada. There are two hypotheses for this problem. First, there is not enough space to put recycling containers in some apartment complex dumpster enclosures. Second, there are several obstacles to providing recycling for complex managers. There are two methods involved in testing these hypotheses. Unincorporated Clark County was selected for the study area. The size of dumpster enclosures was measured in 73 apartment complexes out of 240 complexes which do not recycle in unincorporated area. Second, complex managers were surveyed and asked why he or she does not provide recycling to the residents in their complexes. Forty-six complex managers out of 98 agreed to participate in a survey. As a result of space assessment for recycling, approximately 70% of apartment complexes in the study area of unincorporated Clark County do not have enough space for recycling in the dumpster enclosures. Therefore, the recommendation of this thesis is that recycling containers be placed in the parking lots of grocery stores, elementary schools or other public area as a drop off point. From the complex managers' responses, other obstacles to recycle for the managers, which are not included in my hypothesis, were discovered. Based on the information from the survey, more data from apartment residents and Republic Services, which is the garbage collection company, needs to be collected to completely understand the obstacles to apartment complex recycling in Clark County, Nevada.

## **An Analysis of Apartment Complex Recycling in Clark County, Nevada**

Single-family homes in Clark County, Nevada have had access to curbside recycling since 1992 (P. Tara, personal communication, January 31, 2003). On the other hand, apartment complex recycling has not been widely available in the County. In July 2000, Clark County had 53% single-family homes, 27% apartments, 7% condominiums, 5% mobile homes, and 4% town houses and 2, 3, and 4 plexes (Clark County Comprehensive Planning, 2002a). The large percentage of apartments emphasizes the need for establishing an apartment-recycling program. According to the U.S. EPA's 2002 report, the current Clark County recycling rate is 11%, compared to the national recycling rate of 27.8% in 2000 (U.S. Environmental Protection Agency, 2002). There has never been a study about the lack of apartment complex recycling in Clark County. Local and state policymakers would benefit from a study of this nature in order to implement and/or improve apartment residents' ability to recycle.

The organization of this thesis is as follows: Chapter 2 provides an approach, including two hypotheses, which are based on a literature review; Chapter 3 presents methods for data collection by using space assessments and surveys; Chapter 4 describes results of the data collection; Chapter 5 concludes with a discussion, including evaluation of the hypotheses; and Chapter 6 outlines a conclusion and recommendations.

The purpose of this study is to analyze recycling opportunities for people living in apartments and recommend solutions to improve apartment complex recycling programs in Clark County, Nevada. Clark County has two landfill sites, which include the Apex Regional landfill and the Laughlin landfill. The Apex Regional landfill, which was

started in 1993 with the close of the Sunrise landfill, is designed with a waste capacity of approximately 784 million cubic yards (599 million cubic meters) and service life of 85 years (Clark County Comprehensive Planning, 2002b). The Laughlin landfill opened in 1987. Currently it is a 40-acre (161,880 square meters) landfill and has the ability to be extended an additional 40 acres (161,880 square meters). It is designed with a capacity of approximately 6 million cubic yards (5 million cubic meters) and a service life of 32 years (Clark County Comprehensive Planning, 2002b). In addition, Southern Nevada has more land designated as future landfill sites. Therefore, Clark County has not reached the limit of its landfill capacity. As a result, Valley residents throw away trash without the immediate need to reduce or recycle and policymakers do not make waste reduction and recycling a priority. There is a little pressure or incentives to recycle. In New York, for more than 60 years, Fresh Kills landfill in Staten Island has been filled with New York's waste. The city has plans to design landfill for New York's garbage in New Jersey, Pennsylvania, and Virginia (Coles, 2002). In Orange County, California, all cities are required by State law to reduce the amount of waste entering the landfill by 50% by the year 2000 (The Integrated Waste Management Department of Orange County, 2002). The problem of residential garbage storage capacity, facing New York City and Orange County, is not an issue in Clark County, Nevada. However, any recycling effort could help to avoid the growing costs of landfilling and extend the length of time required to construct new or additional landfills in Southern Nevada.

Another incentive for apartment residents in other cities is that there are laws, mandates, or ordinances to encourage, promote, or require recycling. In the City of Austin, Texas apartment residents were provided with recycling facilities and required to

recycle by the recycling ordinance established by the City of Austin Recycling Plan of April 15, 1999 (City of Austin, 2001). In the City of Sacramento, Citrus Heights and the Sacramento County Unincorporated Area, apartment residents now have the same recycling opportunities as single-family homes. The Sacramento Regional County Solid Waste Authority adopted this in February 5, 2000 (County of Sacramento Public Works Agency, 2002).

In comparison with these cities, Las Vegas does not have any ordinance to provide recycling to apartment complexes. Clark County needs to consider the other benefits of recycling. Recycling is an important practice because it saves natural resources, energy, water, landfill space, and it reduces air pollution. In addition, by recycling more and throwing away less, complex managers and residents can work together to reduce the complexes' trash bill (Green Team of San Jose, 1999). Complex managers may or may not see the direct financial saving, but the possibility exists that they could reduce the trash disposal costs for the apartment complex.

According to Republic Services, the local waste hauler, apartment complex managers had to pay \$50 per month to rent a recycle container. Currently, there is no charge for renting a recycle container from the company. Therefore, cost is not a problem, but apartments face other barriers to providing recycling services to his or her residents. A subproblem is to research whether there is enough space to put a recycling container in some apartment complexes' dumpster enclosures. Space is an important issue because if there is not enough room, it will not be feasible for the apartment complex to provide recycling to its residents. Another subproblem is to discover why apartment complex managers do not want to provide recycling opportunities. The

managers' knowledge or attitudes toward recycling are important because if the managers' perceptions were the issue, then perhaps education would be a solution.

### **Approach**

This section of the thesis describes the hypotheses. There are three definitions of terms. First, apartment complex recycling means a multifamily building that provides residents with the opportunity to recycle, but that does not receive county curbside recycling service. It does not include a mobile home, town houses, and condominium. Second, Clark County is comprised of the City of Las Vegas, North Las Vegas, Henderson, Boulder City, Mesquite, and Unincorporated Clark County Area. A dumpster enclosure is a screen or walls around a trash or recycling container to block the view of the containers.

The first step is to research and compile a list of Clark County apartment complexes, which do not recycle. Second, the available spaces in the apartment complexes' dumpster enclosures can be assessed by measuring the area to find out if a recycling dumpster could fit. With a survey or interview, the complex manager's perceptions of recycling and reasoning behind lack of recycle services for residents can be obtained. After reviewing all the research, recommendations as to how to improve the apartment complex recycling program in Clark County can be generated.

### ***Hypothesis 1***

There is not enough space to put recycling containers in some apartment complexes' dumpster enclosures; therefore, apartment complex recycling in Clark County is not feasible. The County and apartment complex cannot choose the size of recycling containers because there is only one type of receptacle available. Other cities, such as Onondaga County of New York; Saint Paul City, Minnesota; and Melbourne



City, Florida, have 90 or 96-gallon carts (341 or 363-liter carts) (City of Melbourne, 2001; City of Saint Paul, 2002; Foote & Foster, 2002). Clark County has 3-cubic yard dumpsters (2-cubic meter dumpsters) available for recycling. This outlines the importance of space availability in apartment complexes.

### *Hypothesis 2*

There are several obstacles to recycle for complex managers. For example, according to the Boston Neighborhood Recycling Coalition, about 60% of Boston complex managers do not recycle. Earl Leeder, who manages two apartment buildings, said, "It is going to add a considerable amount of work" (Daley, 2000, p. 2). Leeder's Beacon Hill building said, "It is big, but if the city says we have to do it, we will do it" (Daley, 2000, p. 2). As the Boston Neighborhood Recycling Coalition says, if an apartment decided to recycle, then managers would have to take care of recycling materials and need to consider how to keep the dumpster enclosures clean. Moreover, there is extra work required to start a recycling program. Managers need to contact the company in order to have recycling containers delivered, schedule and maintain a regular pick up of the recycled materials. They also inform residents what materials are recyclable, how to prepare them, and where to drop them off. The education would have to be fairly constant and consistent in order to achieve and maintain participation as well as encourage residents to follow the proper procedures for recycling. New residents would have to be informed upon moving in to the complex about recycling. For example, if apartment complexes have a laundry room and the managers decide to put recycling bins in the room, he or she needs maintenance staff to collect the recycling materials (Magnuson, 1990). This depends on how he or she manages his or her

recycling programs. It would not be extra work for the maintenance staff, if they were already taking care of the building's trash. The recycling program would be extra work for managers. In colder climate areas, such as New York and Minnesota, managers need to consider that the collection area must be protected from winter winds and snows. For example, recycling carts in Onondaga County, New York are placed on the leeward side of the trash container to protect against strong winds (Foote & Foster, 2002). In Clark County, Nevada, apartment managers would have to deal with strong winds, which could blow recyclables around and create a litter problem. Recycling bins or dumpsters would have to be located in the enclosures or equipped with lids.

### **Methods for Data Collection**

There are three steps involved in collecting data for this study. First, a study area within Clark County must be chosen, and then the number of complex managers needs to be defined. Last, the complex managers must be approached and encouraged to participate in the survey and the dumpster enclosures need to be measured. The survey must be approved by the UNLV Office for the Protection of Research Subjects (OPRS) after a human subject protocol form was submitted (see Appendix E).

A map of Clark County was obtained from City Planning (see Appendix A) and a list of the apartment complexes in Clark County, except Henderson, Boulder City, and Mesquite was downloaded from the Move to Las Vegas Web site. By using the cover of the Fronteer Telephone Book (see Appendix B), the City Planning map was divided into five areas, which include downtown, northwest, northeast, southwest, and southeast. Using zip codes, the number of apartment complexes in each area was outlined. There are 315 complexes in Unincorporated Clark County (southwest and southeast), 164 complexes in the City of Las Vegas (downtown and northwest), and 42 complexes in North Las Vegas (northeast). Because the Unincorporated Clark County Area contains the largest number of apartment complexes, it was selected as the study area for this thesis. Unincorporated Clark County Area also comprises 43% of the total population in Clark County, compared to approximately 57% for the incorporated cities, which include the City of Las Vegas, North Las Vegas, Henderson, Boulder City, and Mesquite (U.S. Environmental Protection Agency, 2002).

All 315-apartment complexes in Unincorporated Clark County were called and asked whether the complex provides recycling (see Appendix C). Based on the

population size, approximately 40 complexes out of 88 from southwest and approximately 70 complexes out of 152 from southeast were selected as desirable survey subjects. When the population size is less than 100, surveys need to be collected from the entire population. If the size is around 500, then 50% of the population should be sampled (Kumar, 1999).

Questionnaires were chosen instead of direct face-to-face interview because questionnaires should be used when a large sample of population is the focus of the inquiry (Heiss, 1998). The questionnaires asked for the number of units in the apartment complex, the length of years as a manager in the complex, the length of residence in Clark County, and description of why the managers do not recycle at their complexes. The goal was to survey 110 apartment complexes to survey the managers (40 from the southwest area and 70 from the southeast area). With the managers' permission, the size of dumpster enclosures was measured in length and width by using nonmetric units instrument. The nonmetric units were measured by waking the length of the dumpster enclosures. This method was learned in ENV 260 by Dr. Krystyna Stave. The feet were then converted to meters. Each enclosure was sketched to show how trash containers were allocated for each sample apartment complex (see Appendix D). Last, an analysis was conducted to see if a recycling container (3.8 ft in length x 6.2 ft in width = 23.56 square feet [1.1 m in length x 1.9 m in width = 2.09 square meters]) could fit in the space measured and sketched.

## Results & Data Analysis

### *Space Assessment*

The Apartment Complex Contact and Recycling List for Unincorporated Clark County (see Appendix C) outlines the apartment address and area, phone number, and whether they recycle. Seventy-three apartment complexes' dumpster enclosures (40 from the southwest area and 33 from the southeast area of unincorporated Clark County) were selected from Appendix C as candidates for space assessment. Table 1 lists the size of the 73 complexes' dumpster enclosures and outlines whether space is available for recycling. Space availability was analyzed by comparing the size of each dumpster enclosure (the size was measured in feet and converted to meters) with the number of trash containers in the enclosure. Sketches of the space assessments are in Appendix D.

Table 1. Assessment of the Available Space for a Recycling Container in the Surveyed Apartment Complexes' Dumpster Enclosures (in Unincorporated Clark County)

Trial #	Size of Dumpster Enclosure Length x Width				# of Trash Containers	Space Available for Recycling
	(ft)	(ft x ft)	(m)	(m x m)		
1	12.1 x 12.1	146.4	3.6 x 3.6	13	6	Yes
2	9.3 x 9.3	86.5	2.8 x 2.8	7.8	2	No
3	16.0 x 17.0	272	5.0 x 5.1	25.5	4	Yes
4	7.8 x 9.3	72.5	2.3 x 2.8	6.4	2	Yes
5	7.8 x 13.0	101.4	2.3 x 4.0	9.2	1	Yes
6	14.8 x 5.6	82.9	4.4 x 1.7	7.5	2	No
7	7.8 x 16.7	130.3	2.3 x 5.0	11.5	2	Yes
8	13.0 x 13.0	169	4.0 x 4.0	16	3	Yes
9	5.6 x 18.5	103.6	1.7 x 5.6	9.5	3	No
10	No dumpster enclosure				3	Yes
11	5.6 x 13.0	72.8	1.7 x 4.0	6.8	2	No
12	14.8 x 5.6	82.9	4.4 x 1.7	7.5	2	No
13	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
14	9.3 x 9.3	86.5	2.8 x 2.8	7.8	2	No
15	9.3 x 5.6	52.1	2.8 x 1.7	4.8	1	No
16	9.3 x 9.3	86.5	2.8 x 2.8	7.8	2	No
17	9.3 x 13.0	120.9	2.8 x 4.0	11.2	3	No
18	9.3 x 9.3	86.5	2.8 x 2.8	7.8	2	No
19	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
20	7.8 x 13.0	101.4	2.3 x 4.0	9.2	4	No

21	No dumpster place				1 bin for each unit	No
22	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
23	5.6 x 13.0	72.8	1.7 x 4.0	6.8	2	No
24	7.8 x 9.3	72.5	2.3 x 2.8	6.4	2	No
25	7.8 x 9.3	72.5	2.3 x 2.8	6.4	2	No
26	7.8 x 13.0	101.4	2.3 x 4.0	9.2	3	Yes
27	11.1 x 11.1	123.2	3.3 x 3.3	10.9	3	Yes
28	11.1 x 13.0	144.3	3.3 x 4.0	13.2	3	Yes
29	9.3 x 11.1	103.2	2.8 x 3.3	9.2	3	Yes
30	9.3 x 9.3	86.5	2.8 x 2.8	7.8	2	No
31	5.6 x 13.0	72.8	1.7 x 4.0	6.8	2	No
32	11.1 x 9.3	103.2	3.3 x 2.8	9.2	2	No
33	7.8 x 13.0	101.4	2.3 x 4.0	9.2	3	Yes
34	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
35	13.0 x 9.3	120.9	4.0 x 2.8	11.2	2	Yes
36	7.8 x 16.7	130.3	2.3 x 5.0	11.5	4	No
37	7.8 x 16.7	130.3	2.3 x 5.0	11.5	4	No
38	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
39	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
40	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
41	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
42	9.3 x 7.8	72.5	2.8 x 2.3	6.4	2	No
43	9.3 x 7.8	72.5	2.8 x 2.3	6.4	2	No
44	11.1 x 5.6	62.2	3.3 x 1.7	5.6	2	No
45	7.8 x 7.8	60.8	2.3 x 2.3	5.3	1	Yes
46	7.8 x 14.8	115.4	2.3 x 4.4	10.1	3	No
47	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
48	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
49	7.8 x 13.0	101.4	2.3 x 4.0	9.2	3	No
50	13.0 x 7.8	101.4	4.0 x 2.3	9.2	2	Yes
51	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
52	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
53	9.3 x 9.3	86.5	2.8 x 2.8	7.8	2	No
54	13.0 x 9.3	120.9	4.0 x 2.8	11.2	3	No
55	5.6 x 13.0	72.8	1.7 x 4.0	6.8	2	No
56	13.0 x 11.1	144.3	4.0 x 3.3	13.2	3	Yes
57	13.0 x 14.8	192.4	4.0 x 4.4	17.6	3	Yes
58	7.8 x 9.3	72.5	2.3 x 2.8	6.4	2	No
59	11.1 x 7.8	86.6	3.3 x 2.3	7.6	2	No
60	13.0 x 14.8	192.4	4.0 x 4.4	17.6	4	Yes
61	7.8 x 13.0	101.4	2.3 x 4.0	9.2	2	Yes
62	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
63	11.1 x 11.1	123.2	3.3 x 3.3	10.9	2	No
64	13.0 x 7.8	101.4	4.0 x 2.3	9.2	3	Yes
65	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
66	13.0 x 7.8	101.4	4.0 x 2.3	9.2	2	Yes
67	13.0 x 7.8	101.4	4.0 x 2.3	9.2	3	Yes

68	14.8 x 11.1	164.3	4.4 x 3.3	14.5	3	Yes
69	11.1 x 9.3	103.2	3.3 x 2.8	9.2	3	No
70	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
71	13.0 x 5.6	72.8	4.0 x 1.7	6.8	2	No
72	7.8 x 7.8	60.8	2.3 x 2.3	5.3	2	No
73	14.8 x 5.6	82.9	4.4 x 1.7	7.5	2	No

Space available for recycling = 23 apartment complexes

No space available for recycling = 50 apartment complexes

Note. Size of Trash Container (length x width) = 3.8 ft x 6.2 ft (1.1 m x 1.9 m)

Size of Recycling Container (length x width) = 3.8 ft x 6.2 ft (1.1 m x 1.9 m)

### *Complex Manager Survey*

Out of 98 apartment complexes, 46 complex managers agreed to participate in the survey (20 from the southwest area and 26 from the southeast area). Approximately 50% of the complex managers participated in the survey. The nonparticipating managers were either unavailable or busy and approximately 10 complex managers refused to participate in this survey because they were a new manager in the apartment complex.

Table 2 shows the results of the survey and includes the number of units in the complex, the length of years as a complex manager, and the length of residence in Clark County. The average number of apartment units is 195. The average length of years as a complex manager is 4 years. The average length of residence in Clark County is 9 years.

Table 2. Apartment Complex Manager Survey

<b># of Surveyed</b>	<b># of Units at the Apt Complex (Unit)</b>	<b>Length of Years As a Manager at the Apt (Year)</b>	<b>Length of Residence in Clark County, NV (Year)</b>
1	200	less than 5	5 to 10
2	140	less than 5	5 to 10
3	230	less than 5	15 to 20
4	192	less than 5	15 to 20

5	192	5 to 10	more than 20
6	168	less than 5	less than 5
7	78	5 to 10	more than 20
8	40	less than 5	less than 5
9	106	5 to 10	10 to 15
10	420	less than 5	less than 5
11	108	10 to 15	10 to 15
12	87	less than 5	less than 5
13	300	less than 5	5 to 10
14	346	less than 5	15 to 20
15	764	less than 5	5 to 10
16	140	less than 5	less than 5
17	178	less than 5	15 to 20
18	328	10 to 15	more than 20
19	128	less than 5	10 to 15
20	112	10 to 15	10 to 15
21	87	less than 5	5 to 10
22	80	less than 5	less than 5
23	200	less than 5	5 to 10
24	108	less than 5	10 to 15
25	212	less than 5	less than 5
26	208	less than 5	5 to 10
27	144	5 to 10	15 to 20
28	144	less than 5	5 to 10
29	182	less than 5	less than 5
30	90	less than 5	5 to 10
31	198	5 to 10	10 to 15
32	376	5 to 10	10 to 15
33	440	less than 5	5 to 10
34	136	5 to 10	5 to 10
35	250	less than 5	less than 5
36	60	5 to 10	5 to 10
37	317	less than 5	5 to 10
38	110	less than 5	less than 5
39	232	less than 5	less than 5
40	148	less than 5	5 to 10
41	216	5 to 10	10 to 15
42	75	5 to 10	15 to 20
43	226	less than 5	less than 5
44	64	less than 5	less than 5
45	172	less than 5	5 to 10
46	248	5 to 10	5 to 10
<b>Average</b>	<b>195</b>	<b>4</b>	<b>9</b>



Table 3 shows the complex managers' reasons for not recycling. The reasons range from lack of information to lack of space and residents inability to follow proper procedures. A couple managers noted that they had attempted to find information about recycling from Republic Services but were unsuccessful.

Table 3. Reasons for Not Recycling

# of Surveyed	Complex Managers' Responses
1	Lack of information about how to recycle. If information is available, we will recycle.
2	No room for recycling.
3	Tenants are not very good about taking their trash out to dumpster. Let alone into recycling bins. (weekly & monthly apt)
4	No extra space. I believe recycling would be a benefit. I would like to incorporate into this community if space can be found to Accommodate bins.
5	We have never thought about it. Nor have we been offered it by Republic Services.
6	Very hard with the age group. (over 55)
7	No recycling bins on property. Would recycle if bins were on property.
8	Recycling done by individual residents. If Clark County says, "have to recycle" we would comply.
9	Have never been given information on what to recycle and how to do this.
10	Too much for a large community like us. 50 % of the residents are transient.
11	Have asked trash company several times whether they are interested to put recycling on property, never got a return call.
12	Never really thought about it. I'm not aware of the process in implementing a recycling program. I actually thought it was up to each resident. I would like more information.
13	I have only been manager at this complex for one month. Recycling is something we may consider in the future.
14	We had to get rid of it because residents were throwing trash. everywhere but in the bin.
15	Previous management company didn't require- per owner.
16	Unknown
17	Never thought about it.
18	We don't have room for any recycling bins. (4-plex apt community)
19	No area for it.
20	No space.
21	It is not a law. If it were, we would do it.
22	I have never really thought about it, but would like to.
	I have been at this property 3 months and have not had a

23	chance to implement a recycling program. I am unsure if the company has participated in the past.
24	We're currently not set up to do recycling. Perhaps if it were implicated [sic] people would participate.
25	Not offered to me since I've here. It will have to be owner's decision.
26	Because we choose not to.
27	Trash company doesn't provide containers for recycling.
28	No space for it.
29	No designated area for recycle.
30	Unknown
31	We found that there was more trash on the grounds of our complex due to children getting in to the recycle bins. We stopped because most of the tenants were uncooperative with recycling.
32	Republic Services no longer offers that option.
33	I need more information. Lack of storage space on the community for the containers.
34	No space.
35	I think because we have to pay to recycle.
36	We stopped because of not enough for our cost of container.
37	Couldn't get people to cooperate.
38	I didn't know there was a recycling program.
39	Trash company charges extra for recycling bins. No location to place recycling bins. Most of the residents are not familiar with this type of program.
40	No dumpsters have been provided for the complex to use for recycling. I have inquired with Republic Services this, but there has not been any response from them.
41	Never was asked.
42	The owner doesn't want to.
43	I myself do not have the authority to get recycling bins. That would be the owners.
44	I don't make those decisions. If we had the recycling bins, I would use them.
45	Nevada Law should be changed for everyone to recycle.
46	Never had the opportunity.

### **Discussion**

By comparing the size of a recycling container to the size of empty space in the dumpster enclosures, approximately 70% of apartment complexes in the study area of unincorporated Clark County do not have enough space for recycling. Therefore, the hypothesis is supported. A feasible recommendation to overcome the lack of space is to place recycling containers in the parking lots of grocery stores, elementary schools, or other public areas as a drop off point.

From the complex managers' answers outlined in Table 3, there are other obstacles to providing recycling, which were not included in the hypothesis. According to the result of the length of years as a complex manager (see Table 2), 32 out of 46 managers were employed for less than 5 years in their complex. Thus, the managers may not have a chance to consult with the apartment complex owners about providing apartment complex recycling.

Overall, the number of apartment complexes (110 complexes) for the survey was estimated based on the sample population size in the second step of the method section. Based on the information from the complex manager survey, more information needs to be collected. For example, apartment residents need to be surveyed to see if they would recycle and follow proper procedures. Moreover, Republic Services needs to be surveyed to understand their position on apartment complex recycling and their procedures for answer questions or requests from complex managers or apartment residents.

## Conclusion

This study lays the preliminary groundwork to understanding the reasons behind the lack of apartment complex recycling in Clark County, Nevada. More data needs to be collected to completely understand the obstacles to apartment complex recycling in the County.

While, Clark County does not face a landfill capacity crisis, the County needs to expand and provide recycling to apartment residents. Residential curbside recycling for single-family homes was legislated and implemented in 1992. People living in apartment complexes should be provided with the same ability to recycle. Clark County has a low recycling rate compared to other cities and counties. In order to expand recycling and improve diversion percentages, the County government should research ways to provide recycling to apartment complexes. This study provides baseline information toward that goal.

The recommendation of this thesis is to provide drop off facilities in public area to allow apartment residents who desire to recycle. Because most apartments do not have the room to recycle and most managers expressed an inability to either receive assistance from the garbage company or a resistance against providing recycling, drop off facilities would solve all the obstacles. Drop off facilities could promote recycling and could be overseen by a county agency.

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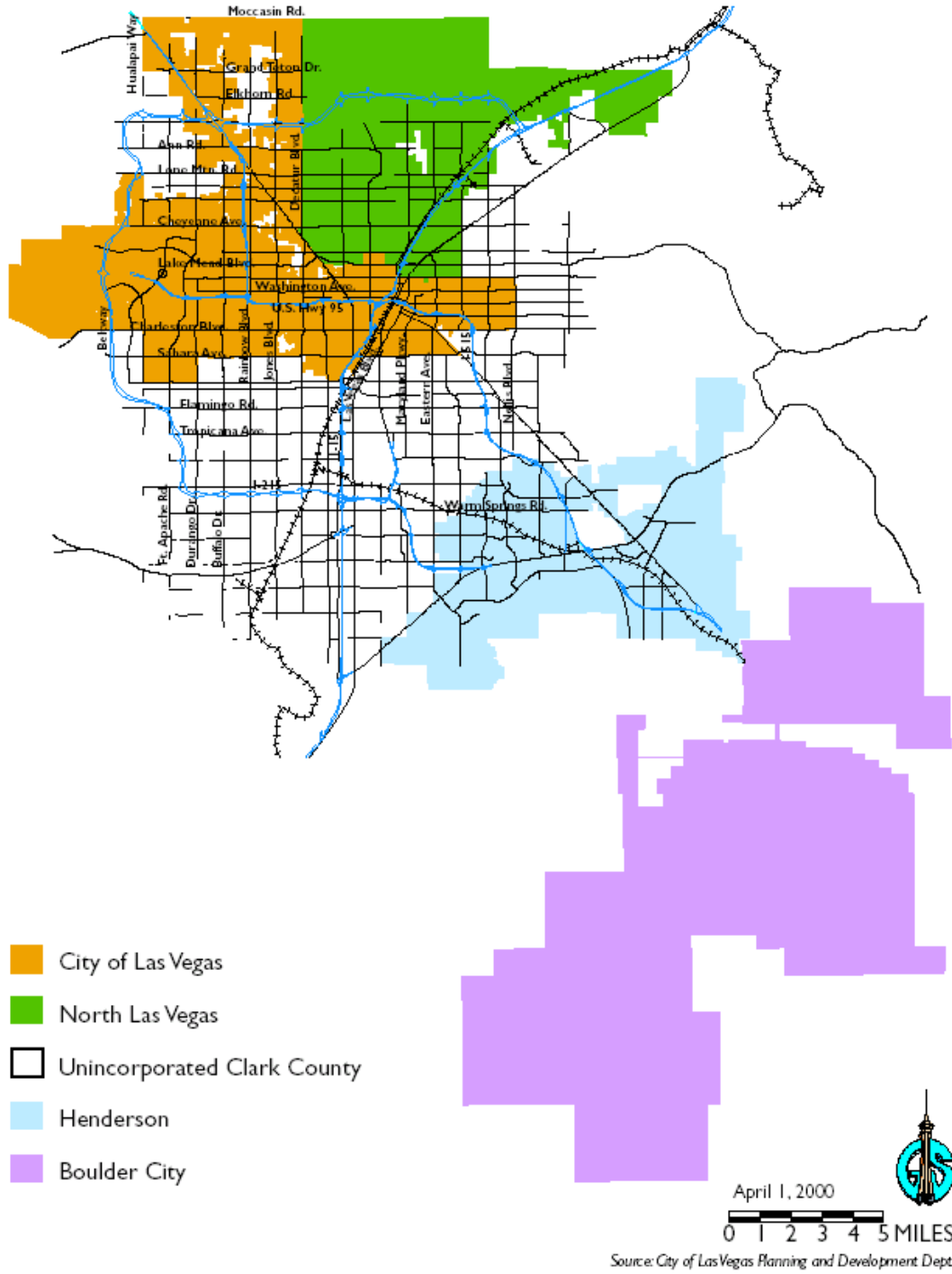
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### Appendix A

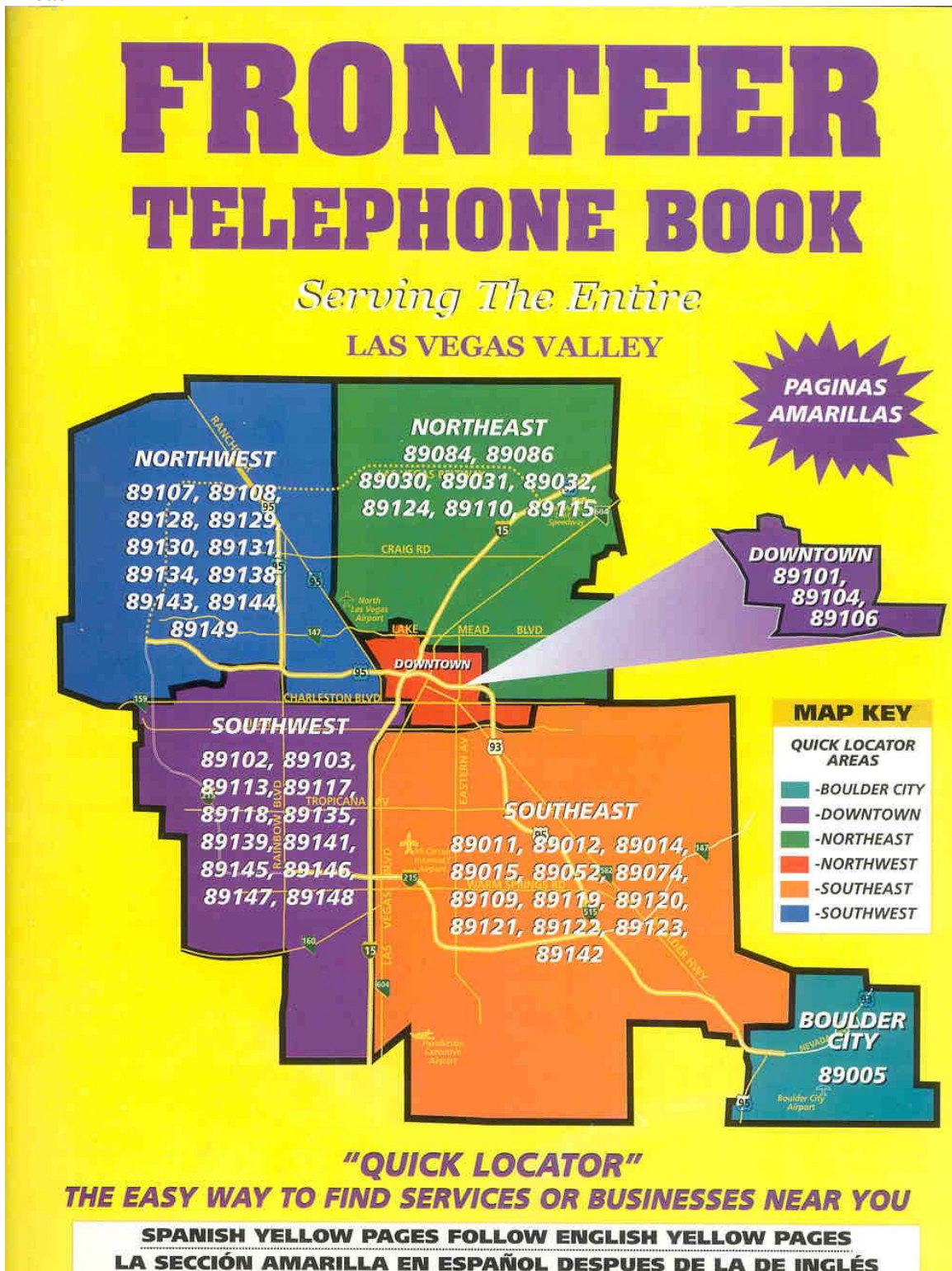
Figure: Map of Clark County



Picture taken from Web site: <http://www.lasvegas2020.org/mpdocs/mp2020.pdf>

Appendix B

Figure: Zip Code of the Downtown, Northwest, Northeast, Southwest, and Southeast Areas





### Appendix C

Table: Apartment Complex Contact and Recycling List for Unincorporated Clark County

<b>Apartment Complex</b>	<b>Address</b>	<b>Area</b>	<b>Phone</b>	<b>Recycling</b>
American Management Co	1701 W. Charleston Blvd. LV. NV89102	SW	382- 8339	No
American Palos Verdes Apts	4050 Palos Verdes St. LV. NV89119	SE	731- 3609	No
Anchor Village II	8600 Starboard Dr. LV. NV89117	SW	363- 8033	No
Antigua Bay Apts	5225 E. Charleston Blvd. LV. NV89122	SW	431- 7888	No
Apple Apts	764 E. Twain Ave. LV. NV89109	SE	735- 2176	No
Arville Park Apts	2600 Arville St. LV. NV89102	SW	876- 6990	Yes
Ashton Park	4441 Escondido St. LV. NV89119	SE	732- 0407	Yes
Avanti Park Apts	1161 Lulu Ave. LV. NV89119	SE	736- 6263	No
Baltimore Garden Apts	316 W. Baltimore Ave. LV. NV89102	SW	384- 8994	No
Banbury Cross Apts	3150 S. Decatur Blvd. LV. NV89102	SW	876- 2923	No
Barcelona Apts	3011 Arville St. LV. NV89102	SW	876- 0929	No
Barclay Square Apts	3535 Cambridge St. LV. NV89109	SE	732- 1081	No
Beverly Alexander Apts	446 E. Twain Ave. LV. NV89109	SE	735- 0139	No
Blue Harbor Club Apts	3380 Swenson St. LV. NV89109	SE	732- 8844	No
Bonanza Properties	4520 S. Pecos Rd. LV. NV89121	SE	NIS	
Boulder Manor Apts	4823 Boulder Hwy. LV. NV89121	SE	454- 8969	No
Breakers Apts	9901 W. Sahara Ave. LV. NV89117	SW	254- 3133	No
Brittney Heights	2935 Aloha St. LV. NV89121	SE	454- 4979	No
Brown Derby Apts	212 W. Cincinnati Ave. LV. NV89102	SW	384- 7877	No
Bruce Village Apts	4235 S. Bruce St. LV. NV89119	SE	733- 0069	No
Buffalo Highland Apts	7551 W. Charleston Blvd. LV. NV89117	SW	254- 0331	No

Buffalo Highland Apts	8155 W. Charleston Blvd. LV. NV89117	SW	254- 2060	No
Cabana Clubhouse Apts	7000 Paradise Rd. LV.NV89119	SE	896- 2582	Yes
Cambridge Towers Apts	3875 Cambridge St. LV. NV89119	SE	791- 5563	No
Camelot Apts	5088 S. Maryland Pkwy. LV. NV89119	SE	798- 0004	No
Cameron Apts	4600 Sirius Ave. LV. NV89102	SW	871- 3009	No
Carsac Apts	1922 Fairfield Ave. LV. NV89102	SW	386- 9872	No
Casa De Pedro	711 E. Twain Ave. LV. NV89109	SE	796- 1096	No
Casa De Warren Apts	130 Winnick Ave. LV. NV89109	SE	734- 2210	No
Casa Del Oro Apts	4256 Zavala St. LV. NV89103	SW	871- 5642	No
Casa Del Sol Apts	5100 Obannon Dr. LV. NV89102	SW	871- 6443	No
Casa Royale Apts	939 E. Flamingo Rd. LV. NV89119	SE	732- 0095	No
Casa Tiempo Apts	2850 S. Maryland Pkwy. LV. NV89109	SE	369- 2000	No
Casablanca Apts	5110 S. Jones Blvd. LV. NV89118	SW	252- 7044	Yes
Casey Arms Apts	95 Ali Baba Ln. LV. NV89119	SE	597- 0021	No
Cedar Springs Apts	1500 Karen Ave. LV. NV89109	SE	733- 3893	No
Central Park West	241 Sands Ave. LV. NV89109	SE	735- 7949	No
Chaparral Apts	5100 E. Tropicana Ave. LV. NV89122	SE	456- 0087	No
Cincinnati Arms	313 W. Cincinnati Ave. LV. NV89102	SW	NIS	
Club Pacific Apts	3154 E. Flamingo Rd. LV. NV89121	SE	454- 2582	No
Club Pacific Apts	9235 W. Desert Inn Rd. LV. NV89117	SW	254- 2582	No
Cobblestone Creek Apts	4200 Paradise Rd. LV. NV89109	SE	731- 2004	No
Coliseum Villas	455 E. Twain Ave. LV. NV89109	SE	733- 8007	No
Coral Garden Apts	5421 E. Harmon Ave. LV. NV89122	SE	458- 6827	Yes
Cordoba Arms Apts	535 Sierra Vista Dr. LV. NV89109	SE	369- 0789	No
Cottonwood Creek Apts	3149 E. Desert Inn Rd. LV. NV89121	SE	796- 8639	No

Country Club Towers	850 E. Desert Inn Rd. LV. NV89109	SE	732-4553	No
Country Club Valley View	1400 S. Valley View Blvd. LV. NV89102	SW	878-6266	Yes
Country Hills	5400 S. Maryland Pkwy. LV. NV89119	SE	798-1044	No
Courtyard Apts	5400 Mountain Vista St. LV. NV89120	SE	456-2900	Yes
Crossroads Apts	1110 Redwood St. LV. NV89102	SW	822-1104	No
Crosswinds Apts	4355 S. Jones Blvd. LV. NV89103	SW	873-2090	No
Crown West Corporation	4660 S. Eastern Ave. LV. NV89119	SE	NIS	
Crystal Court Apts	900 E. Desert Inn Rd. LV. NV89109	SE	737-5597	No
Crystal Cove Apts	3309 Sky Country Ln. LV. NV89117	SW	254-1133	Yes
Cypress Point Vistas	5275 W. Tropicana Ave. LV. NV89103	SW	873-4181	No
Delta Gardens Apts	3600 Paradise Rd. LV. NV89109	SE	NIS	
Desert Air Apts	1088 Sierra Vista Dr. LV. NV89109	SE	732-9856	No
Desert Apts	3275 Arabella St. LV. NV89109	SE	NIS	
Desert Club Apts	3950 Koval Ln. LV. NV89109	SE	732-1244	No
Desert Palms Apts	5750 Boulder Hwy. LV. NV89122	SE	456-6438	No
Desert Point Apts	3255 E. Desert Inn Rd. LV. NV89121	SE	735-9566	No
Desert Spa Gardens	5101 E. Twain Ave. LV. NV89122	SE	458-3866	No
Desert Springs Apts	1500 Karen Ave. LV. NV89109	SE	731-1806	No
Desert View Apts	4550 Karen Ave. LV. NV89109	SE	432-3158	No
Eastgate Apts	3055 S. Nellis Blvd. LV. NV89121	SE	431-1035	No
Ellington Place	5051 Duke Ellington Way. LV. NV89119	SE	739-7000	No
Elmwood Village Apts	1400 E. Reno Ave. LV. NV89119	SE	798-8718	No
Embassy Apts	2721 Kings Way. LV. NV89102	SW	876-3035	No
Enchanted Village Apts	201 W. Cincinnati Ave. LV. NV89102	SW	382-2801	No
Enclaves Apts	8455 W. Sahara Ave. LV. NV89117	SW	363-9700	No

Escondido Apts	5258 S. Maryland Pkwy. LV. NV89119	SE	736- 6900	No
Escondido Manor	4248 Escondido St. LV. NV89119	SE	731- 5860	No
Flamingo Arms Apts	3993 Koval Ln. LV. NV89109	SE	731- 3635	No
Flamingo Bay Club Apts	5625 W. Flamingo Rd. LV. NV89103	SW	251- 3435	No
Flamingo East Apts	2275 E. Flamingo Rd. LV. NV89119	SE	NIS	
Flamingo Polo Club Apts	3110 E. Flamingo Rd. LV. NV89121	SE	454- 5940	No
Flamingo Road Apts	5795 W. Flamingo Rd. LV. NV89103	SW	368- 2644	No
Flamingo West Apts	3950 Mountain Vista St. LV. NV89121	SE	451- 0023	No
Fleur De Lis Villas	3510 S. Maryland Pkwy. LV. NV89109	SE	735- 2414	No
Foothill Village Apts	6255 W. Tropicana Ave. LV. NV89103	SW	873- 1783	No
Four Horizons Apts	1450 E. Harmon Ave. LV. NV89119	SE	733- 1907	No
Fox Hall Apts	1600 E. University Ave. LV. NV89119	SE	732- 0216	No
Foxfire Apts	2666 S. Decatur Blvd. LV. NV89102	SW	364- 1245	No
French Quarter Apts	549 Sierra Vista Dr. LV. NV89109	SE	732- 4794	No
Gloria Park Villas	3625 S. Decatur Blvd. LV. NV89103	SW	252- 7275	No
Gramercy Parc Apts	2001 E. Tropicana Ave. LV. NV89119	SE	736- 8666	Yes
Granada Apts	4001 Silver Dollar Ave. LV. NV89102	SW	876- 0891	No
Grand Plaza Apts	4308 Koval Ln. LV. NV89109	SE	733- 8888	No
Grand View Apts	4255 W. Viking Rd. LV. NV89103	SW	362- 1910	No
Greystone Park Apts	2635 Karen CT. LV. NV89109	SE	735- 3308	Yes
Hampton Court Apts	3955 Swenson St. LV. NV89119	SE	735- 5110	No
Harbor Island Club Apts	370 E. Harmon Ave. LV. NV89109	SE	732- 9111	No
Harmon Arms Apts	4475 Jimmy Durante Blvd. LV. NV89122	SE	NIS	
Hazelwood Villa Apts	3851 Hazelwood St. LV. NV89119	SE	735- 9283	No
Heidi Apts	4805 Heidi St. LV. NV89119	SE	798- 2894	No

Heritage Park Apts	3555 Stober Blvd. LV. NV89103	SW	873-9977	No
Hidden Cove Apts	3335 Hauck St. LV. NV89102	SW	876-3443	Yes
Holiday Royale	4505 Paradise Rd. LV. NV89109	SE	733-7676	No
Horizons at Peccole Ranch	8600 W. Charleston Blvd. LV. NV89117	SW	255-9888	No
Indian Hills Apts	4550 W. Sahara Ave. LV. NV89102	SW	878-4820	No
International Apts	2500 Lynnwood St. LV. NV89109	SE	734-6022	No
International Villas	4630 Koval Ln. LV. NV89109	SE	732-2584	No
Jolley Manor Apts	422 Sierra Vista Dr. LV. NV89109	SE	NIS	
Jubilee Apts	5870 W. Harmon Ave. LV. NV89103	SW	362-5824	No
Karen East Apts	3121 Karen Ave. LV. NV89121	SE	457-9399	No
Karen West Apts	3061 Karen Ave. LV. NV89121	SE	431-8382	No
Katie Arms Apts	3890 Cambridge St. LV. NV89119	SE	737-6100	No
King Arthurs Court Apts	2650 Sherwood St. LV. NV89109	SE	735-2376	No
Kona Loha Apts	594 Sierra Vista Dr. LV. NV89109	SE	735-1750	No
Kyle House Vacation Apts	4815 Deckow Ln. LV. NV89109	SE	795-4010	No
La Mesa Apts	560 Sierra Vista Dr. LV. NV89109	SE	369-3377	No
La Primavera Apts	3120 Wynn Rd. LV. NV89102	SW	876-3336	No
La Rochelle Apts	4325 S. Bruce St. LV. NV89119	SE	737-6333	Yes
La Villita	1550 E. Harmon Ave. LV. NV89119	SE	731-5194	Yes
Lake Sahara Apts	2500 Karen Ave. LV. NV89121	SE	457-3020	Yes
Lake Tropicana Apts	303 E. Harmon Ave. LV. NV89109	SE	733-8383	No
Las Palmas Apts	3550 Paradise Rd. LV. NV89109	SE	732-8900	No
Las Palomas Apts	4040 Boulder Hwy. LV. NV89121	SE	457-3539	No
Laurel Arms Apts	2659 Van Patten St. LV. NV89109	SE	NIS	
Libertwo Apts	1155 E. Flamingo Rd. LV. NV89119	SE	733-6121	No

Linder Publishing Inc	2625 S. Rainbow Blvd. LV. NV89102	SW	NIS	
Living Desert Apts	1412 Living Desert Dr. LV. NV89119	SE	798- 2080	No
M C R Co	228 W. Saint Louis Ave. LV. NV89102	SW	384- 0954	No
Mandalay Bay Apts	6650 S. Sandhill Rd. LV. NV89120	SE	451- 8380	No
Mark I Apts	1020 E. Desert Inn Rd. LV. NV89109	SE	732- 2407	No
Mark Twain Apts	955 E. Twain Ave. LV. NV89109	SE	734- 2684	Yes
Maryland Manor Apts	5035 S. Maryland Pkwy. LV. NV89119	SE	NIS	
Maryland Park Apts	1101 Dumont Blvd. LV. NV89109	SE	734- 2910	No
Meadow Vista Apts	4555 Karen Ave. LV. NV89121	SE	457- 1760	No
Meadows Court Apts	2682 Red Rock St. LV. NV89102	SW	252- 8700	No
Mesa Verde	6335 Annie Oakley Dr. LV. NV89120	SE	456- 5757	No
Montara Meadows	3150 E. Tropicana Ave. LV. NV89121	SE	435- 3150	No
Emerald Park Apts	4545 Pennwood Ave. LV. NV89102	SW	871- 0970	No
Mountain Vista Estates	4591 Macher Way. LV. NV89121	SE	NIS	
Mulberry Hollow	3540 Swenson St. LV. NV89109	SE	NIS	
Nevada Square Apts	2800 Las Vegas Blvd. LV. NV89109	SE	734- 2927	No
Newport Cove East Apts	5272 Tamarus St. LV. NV89119	SE	736- 7620	No
Nicolle Manor	4240 Boulder Hwy. LV. NV89121	SE	433- 1788	No
Nottingham Garden Apts	2165 E. Rochelle Ave. LV. NV89119	SE	732- 7508	No
Oakwood Village Green Apts	600 Oakmount Dr. LV NV89109	SE	735- 3143	No
Oasis Apts	5316 Danville Ln. LV. NV89119	SE	739- 9410	No
Oasis Place	650 E. Sierra Vista Dr. LV. NV89109	SE	737- 1712	No
Oasis Residential Inc	1330 E. Reno Ave. LV. NV89119	SE	798- 6931	No
Oasis Residential Inc	1601 E. Katie Ave. LV. NV89119	SE	791- 6984	No
Oasis Residential Inc	3295 Casey Dr. LV. NV89120	SE	458- 8838	No

Oasis Residential Inc (Hesperian Falls Apts)	3955 Algonquin Dr. LV. NV89119	SE	731-1066	No
Oasis Residential Inc	4200 S. Valley View Blvd. LV. NV89103	SW	873-6465	No
Oasis Residential Inc (Camden Apts)	4700 W. Rochelle Ave. LV. NV89103	SW	251-3224	No
Oasis Residential Inc	4775 Topaz St. LV. NV89121	SE	458-6818	No
Oasis Residential Inc	5050 Tamarus St. LV. NV89119	SE	736-7921	No
Oasis Residential Inc	5325 E. Tropicana Ave. LV. NV89122	SE	435-1993	No
Oasis Residential Inc	8450 W. Charleston Blvd. LV. NV89117	SW	255-5222	No
Oasis Residential Inc	9225 W. Charleston Blvd. LV. NV89117	SW	255-0372	Yes
Olympic Apts	5080 Paradise Rd. LV. NV89119	SE	NIS	
Pacific Flamingo Apts	4050 Pacific Harbors Dr. LV. NV89121	SE	731-0159	No
Pacific Properties & Develop.	2988 Juniper Hills Dr. LV. NV89122	SE	641-5060	Yes
Pacific Properties & Develop.	5150 E. Sahara Ave. LV. NV89122	SE	431-1761	No
Panos Manor Apts	4411 Spencer St. LV. NV89119	SE	732-0671	No
Paradise Bay Club	4185 Paradise Rd. LV. NV89109	SE	796-3500	No
Paradise Cove Community	4330 S. Eastern Ave. LV. NV89119	SE	369-1552	No
Paradise Manor Apts	486 Sierra Vista Dr. LV. NV89109	SE	369-6486	No
Paradise Palms	3100 Casey Dr. LV. NV89120	SE	NIS	
Paradise Spa Apts	9457 Las Vegas Blvd. LV. NV89123	SE	NIS	
Paradise Square Apts	4801 Harrison Dr. LV. NV89121	SE	456-6525	Yes
Paradise Terrace Apts	4315 Swenson St. LV. NV89119	SE	NIS	
Park Apts	1600 E. Rochelle Ave. LV. NV89119	SE	733-7795	No
Park East Villa Apts	2575 Van Patten St. LV. NV89109	SE	735-8702	No
Park Terrace Apts	3830 Swenson St. LV. NV89119	SE	732-1245	No
Park West Apts	329 W. Boston Ave. LV. NV89102	SW	NIS	
Parkway Villas Owners Assn	1125 Century Garden Dr. LV. NV89119	SE	739-6878	No

Pebble Cove Apts	5101 Obannon Dr. LV. NV89102	SW	876-1211	No
Pennview Apts	3820 Pennwood Ave. LV. NV89102	SW	NIS	
Pennwood Place Apts	4001 Pennwood Ave. LV. NV89102	SW	876-4200	No
Pine Creek Apts	5011 Swenson St. LV. NV89119	SE	NIS	
Pine Park Apts	450 E. Twain Ave. LV. NV89109	SE	369-1200	No
Pinewood Apts	3600 Swenson St. LV. NV89109	SE	734-6862	No
Playpen Apts	725 Sierra Vista Dr. LV. NV89109	SE	NIS	
Pleasant Hill Villas	5575 Pleasant Hill Ave. LV. NV89103	SW	364-8745	No
Polo Club Apts	4201 S. Decatur Blvd. LV. NV89103	SW	251-4744	No
Ponderosa Apts	4072 Silver Dollar Ave. LV. NV89102	SW	871-9487	No
Princess by the Lakes	2750 S. Durango Dr. LV. NV89117	SW	254-7371	No
Quail Ridge	5292 S. Maryland Pkwy. LV. NV89119	SE	798-8890	No
Rancho Del Sol	4201 W. Rochelle Ave. LV. NV89103	SW	871-9112	No
Rancho Mirage	4250 S. Arville St. LV. NV89103	SW	364-0008	No
Realty Management Inc	4435 S. Eastern Ave. LV. NV89119	SE	737-1033	No
Rebel House Apts	777 E. Harmon Ave. LV. NV89119	SE	737-8982	No
Red Rock Cove	5001 Obannon Dr. LV. NV89102	SW	871-6201	No
Redwood Garden Apts	1200 Redwood St. LV. NV89102	SW	NIS	
Reflections at the Lakes	2601 S. Grand Canyon Dr. LV. NV89117	SW	254-0545	No
Regency Place	2820 S. Decatur Blvd. LV. NV89102	SW	873-6710	No
Renaissance Villas Apts	5419 W. Tropicana Ave. LV. NV89103	SW	367-1001	No
Reno Villas	5055 Jeffreys St. LV. NV89119	SE	736-2302	Yes
Ridgewood Apts	3355 Arville St. LV. NV89102	SW	367-1852	No
Ritz the Apts	4250 S. Jones Blvd. LV. NV89103	SW	362-7599	No
Riverbend Village Apts	3937 Spencer St. LV. NV89119	SE	737-0488	No



Rivergate Village Apts	3940 Algonquin Dr. LV. NV89119	SE	734-2315	No
Roberts Rancheros	1324 Elizabeth Ave. LV. NV89119	SE	NIS	
Rochelle Manor Apts	4340 Escondido St. LV. NV89119	SE	369-3734	No
Rochelle Regency Apts	1555 E. Rochelle Ave. LV. NV89119	SE	NIS	
Roman Villa Apts	3675 Cambridge St. LV. NV89109	SE	732-4859	No
Royal Aloha Vacation Club	360 E. Desert Inn Rd. LV. NV89109	SE	NIS	
Emerald Gardens	4440 Tamarus St. LV. NV89119	SE	NIS	Yes
Safari Apts	2675 S. Nellis Blvd. LV. NV89121	SE	457-1838	Yes
Sahara Palms Apts	2900 El Camino Ave. LV. NV89102	SW	873-6887	No
Sahara Park Apts	2851 S. Decatur Blvd. LV. NV89102	SW	871-3310	No
Sahara View Apts	3600 El Conlon Ave. LV. NV89102	SW	873-7102	No
Sahara West Apts	2301 Redwood St. LV. NV89102	SW	876-1907	Yes
Salvatore Casa No III	5001 El Parque Ave. LV. NV89102	SW	367-6388	Yes
Sandestin Apts	4650 W. Oakey Blvd. LV. NV89102	SW	877-9853	Yes
Sandpebble Village Apts	4480 Sirius Ave. LV. NV89102	SW	871-0400	Yes
Santa Fe Shadows Apts	1111 Warbonnet Way. LV. NV89117	SW	254-0338	Yes
Saratoga Palms Apts	3850 Mountain Vista St. LV. NV89121	SE	458-8041	No
Shadowbrook Apts	3851 Wynn Rd. LV. NV89103	SW	871-1683	No
Shadowridge Apts	3200 S. Arville St. LV. NV89102	SW	362-6190	No
Shelter Cove Apts	2683 S. Decatur Blvd. LV. NV89102	SW	362-4852	Yes
Shelter Island Apts	3770 S. Swenson St. LV. NV89119	SE	734-6788	No
Sierra Apts	552 Sierra Vista Dr. LV. NV89109	SE	734-1042	Yes
Sierra Madre Apts	454 Sierra Vista Dr. LV. NV89109	SE	731-4696	No
Sierra Park Apts	557 Sierra Vista Dr. LV. NV89109	SE	735-7599	No
Sierra Pointe Apts	1064 Sierra Vista Dr. LV. NV89109	SE	796-7752	No

Sierra Vista Square Apts	920 Sierra Vista Dr. LV. NV89109	SE	737-5262	No
Silver Shadow	8301 W. Charleston Blvd. LV. NV89117	SW	254-7880	No
Silver Stream Apts	5701 W. Rochelle Ave. LV. NV89103	SW	365-1230	No
Silverado Village Apts	3750 Arville St. LV. NV89103	SW	362-9373	No
Sky Court Harbor	9025 W. Desert Inn Rd. LV. NV89117	SW	255-0782	No
Smoke Tree Apts	3060 S. Decatur Blvd. LV. NV89102	SW	873-3998	No
Snapp Apts	4975 Harrison Dr. LV. NV89120	SE	458-4049	No
Sol El Del Pueblo Apts	2830 Karen Ave. LV. NV89121	SE	457-2545	No
Somerset Apts	3064 Kishner Dr. LV. NV89109	SE	732-4954	No
Somerset Gardens	3051 Kishner Dr. LV. NV89109	SE	735-0464	No
Southgate Apts	5550 S. Maryland Pkwy. LV. NV89119	SE	798-6688	No
Spanish Oaks Apts	2301 S. Valley View Blvd. LV. NV89102	SW	873-1833	No
Spanish Wells	5355 S. Rainbow Blvd. LV. NV89118	SW	873-1744	No
Spencer St. Manor Apts	1711 Rawhide St. LV. NV89119	SE	NIS	
Sportsman's Royal Manor	5660 Boulber Hwy. LV. NV89122	SE	458-7071	No
Spring Gardens Apts	3663 S. Valley View Blvd. LV. NV89103	SW	871-8886	No
Sping Hills I	3660 Ala Dr. LV. NV89103	SW	NIS	
Spring Valley Highlands Apts	6111 Churchfield Blvd. LV. NV89103	SW	222-0123	No
St Charleston Village	6501 W. Charleston Blvd. LV. NV89102	SW	878-6039	No
St Tropez Villa Apts	4151 Sirius Ave. LV. NV89102	SW	873-0565	No
Sterling Court Apts	5500 Mountain Vista St. LV. NV89120	SE	434-2222	Yes
Stonegate Apts	5075 Spyglass Hill Dr. LV. NV89122	SE	641-2501	Yes
Sugartree Apts	655 Sierra Vista Dr. LV. NV89109	SE	735-7777	No
Summerhill Point Apts	9501 W. Sahara Ave. LV. NV89117	SW	254-7777	Yes
Sunchase Apts	3200 McLeod Dr. LV. NV89121	SE	369-1112	No

Sun Lake Meadows	324 W. Cincinnati Ave. LV. NV89102	SW	NIS	
Sunburst Property Management	3850 W. Sahara Ave. LV. NV89102	SW	NIS	
Sundance Village Apts	6500 W. Charleston Blvd. LV. NV89102	SW	870- 1982	No
Sunpointe Apts	2870 S. Decatur Blvd. LV. NV89102	SW	362- 0642	No
Sunrise Garden Apts	3601 El Conlon Ave. LV. NV89102	SW	873- 3335	No
Sunrise Springs Apts	4455 E. Twain Ave. LV. NV89121	SE	435- 0050	No
Sunrise Village Apts	301 Sands Ave. LV. NV89109	SE	734- 8199	Yes
Sunscape Apts	1515 E. Reno Ave. LV. NV89119	SE	798- 7116	No
Sunset Point Apts	2255 E. Sunset Rd. LV. NV89119	SE	361- 8822	No
Sunset Springs Apts	6930 Paradise Rd. LV. NV89119	SE	361- 0694	No
Sunwood Village	4020 S. Arville St. LV. NV89103	SW	367- 4020	Yes
Swenson Apts	3850 Daisy St. LV. NV89119	SE	735- 6802	No
Tam O Chelle	1455 E. Rochelle Ave. LV. NV89119	SE	731- 4744	No
Tamarus Park Apts	4255 Tamarus St. LV. NV89119	SE	737- 0508	Yes
Tamarus Village Apts	5055 Tamarus St. LV. NV89119	SE	798- 8468	No
Tamarus Villas Apts	5160 Tamarus St. LV. NV89119	SE	NIS	No
Tango Apts	6570 W. Flamingo Rd. LV. NV89103	SW	873- 5209	Yes
Tara Apts	4316 Tara Ave. LV. NV89102	SW	367- 3237	Yes
Tara Hill Apts	602 N. Royal Crest Cir. LV. NV89109	SE	732- 4512	No
Tara Vista Apts	3915 Tara Ave. LV. NV89102	SW	368- 4968	No
Teddy Apts	2615 Wyandotte St. LV. NV89102	SW	873- 8975	No
Terra Cotta Villa	4080 W. Twain Ave. LV. NV89103	SW	364- 0747	No
The Diplomat	3478 Paradise Rd. LV. NV89109	SE	734- 8130	No
The Falls	3825 S. Cambridge St. LV. NV89119	SE	792- 9191	No
The Fountains at Flamingo	3275 E. Flamingo Rd. LV. NV89121	SE	435- 6555	Yes

The Hamptons Apts	3070 S. Nellis Blvd. LV. NV89121	SE	457-0952	No
The Meridian Apts	250 E. Flamingo Rd. LV. NV89109	SE	796-6666	No
The Pointes	5070 Riverglen Dr. LV. NV89103	SW	871-6552	No
The Senate House Apts	965 Cottage Grove Ave. LV. NV89119	SE	731-1123	No
The Tower at Tropicana	6575 W. Tropicana Ave. LV. NV89103	SW	876-8666	No
Tiffany Place Apts	5800 W. Charleston Blvd. LV. NV89102	SW	258-4404	No
Towne & Country Manor	4311 Boulder Hwy. LV. NV89121	SE	454-9393	No
Tropicana Del Este	5425 E. Tropicana Ave. LV. NV89122	SE	435-1530	No
Tropicana Garden Apts	5256 E. Tropicana Ave. LV. NV89122	SE	451-1711	No
Tropicana Royale Apts	1900 E. Tropicana Ave. LV. NV89119	SE	798-5519	No
Tropicana Springs Apts	4316 E. Tropicana Ave. LV. NV89121	SE	456-5656	No
Tropicana Village Apts	4995 S. Maryland Pkwy. LV. NV89119	SE	739-7916	No
Twain Estates	3651 Arville St. LV. NV89103	SW	367-6330	No
University Park Apts	4259 S. Maryland Pkwy. LV. NV89119	SE	735-5315	Yes
Viking Villas	1500 E. Viking Rd. LV. NV89119	SE	794-4500	No
Villa Cordova	4220 Las Vegas Blvd. LV. NV89109	SE	732-1383	No
Villa Del Rio	3800 S. Nellis Blvd. LV. NV89121	SE	435-7654	No
Villa Del Sol Apts	4255 S. Channel 10 Dr. LV. NV89119	SE	735-9173	No
Villa Marienda	1225 E. Hacienda Ave. LV. NV89119	SE	798-5508	No
Villa Paradisa	4789 Harrison Dr. LV. NV89121	SE	458-5101	No
Village at Karen	2709 Alicialynn Way. LV. NV89121	SE	457-4959	No
Village Green Apts	600 Oakmount Dr. LV. NV89109	SE	735-3143	No
Village of Santa Domingo	8530 W. Sahara Ave. LV. NV89117	SW	254-1124	Yes
Villas De Mission Apts	1455 E. Katie Ave. LV. NV89119	SE	733-2994	No
Virginia Apts	5350 E. Tropicana Ave. LV. NV89122	SE	451-6900	No

Virginia West Apts	5000 El Parque Ave. LV. NV89102	SW	NIS	
Vista Arms Apts	750 Sierra Vista Dr. LV. NV89109	SE	NIS	
Vista Del Rey Apts	6701 Del Rey Ave. LV. NV89146	SW	258-7368	No
Vista Del Valle Apts	4051 W. Viking Rd. LV. NV89103	SW	367-1516	No
Vista Verde Apts	3832 Palos Verdes St. LV. NV89119	SE	737-6733	No
Wagon Trails Apts	3225 S. Pecos Rd. LV. NV89121	SE	796-6255	Yes
Walker House Apts	2700 S. Valley View Blvd. LV. NV89102	SW	871-4406	No
Westwood Pointe	5070 Riverglen Dr. LV. NV89103	SW	871-6552	No
Whispering Lakes	2606 S. Durango Dr. LV. NV89117	SW	254-3445	No
Whispering Waters	4155 W. Twain Ave. LV. NV89103	SW	367-8789	Yes
Wildwood Apts	4801 E. Tropicana Ave. LV. NV89121	SE	458-7202	No
Wind Tree Apts	2950 S. Decatur Blvd. LV. NV89102	SW	NIS	
Wind Whistle Apts	4990 Topaz St. LV. NV89120	SE	451-7902	No
Windsor at Royal Palms	5711 W. Tropicana Ave. LV. NV89103	SW	251-3008	No
Winsome West Apts	5050 Duneville St. LV. NV89118	SW	364-1236	Yes
Woodbridge Inn	700 E. Flamingo Rd. LV. NV89119	SE	732-7678	Yes
Woodcreek Apts	4485 Pennwood Ave. LV. NV89102	SW	873-2598	No
Woodhaven Apts	3650 Stober Blvd. LV. NV89103	SW	876-8902	No
Woodlake Villas Apts	4747 Pennwood Ave. LV. NV89102	SW	367-3669	No
Wyandotte Apts	2629 Wyandotte St. LV. NV89102	SW	876-2122	No
Alexander Villas	722 N. Royal Crest Cir. LV. NV89109	SE	734-2140	No

Note. The apartment name, address, and phone numbers are found at :  
<http://movetolasvegas.com/apts/lv-apts.html>

SW = Southwest Area

SE= Southeast Area

NIS = Not in Service

