

EDWARDS UNDERGROUND
WATER DISTRICT

REPORT 95-04

LEAK DETECTION / LOCATION SURVEY REPORT

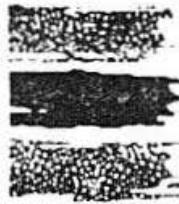
FOR

BEXAR METROPOLITAN WATER DISTRICT

NORTHEAST / NORTHWEST

SAN ANTONIO, TEXAS

MARCH 21, 1994 - FEBRUARY 24, 1995



EDWARDS UNDERGROUND
WATER DISTRICT

6.25-7.5

May 4, 1995

Mr. Thomas C. Moreno
General Manager
Bexar Metropolitan Water District
2706 W. Southcross
San Antonio, Texas 78211-0577

Dear Mr. Moreno:

We are pleased to submit this final report of the leak detection survey performed on the Bexar Metropolitan Water District's Northeast and Northwest water distribution systems. This report lists findings by separate categories for your convenience.

The Edwards Underground Water District (District) appreciates the cooperation and assistance you have provided during the survey. Special thanks to Nick Rodriguez, Jimmy DeLoach, Larry Beetle and their staffs for their attention and patience during the survey. The District hopes that the information provided herein will be beneficial to the Bexar Metropolitan Water District in identifying and targeting areas of actual water loss and potential water loss.

This survey has demonstrated the water saving potential of the Leak Detection Program. Maintaining the best possible program is vital in order to continue the successes realized. For this reason, the District is soliciting your comments, both positive and negative, and any suggestions you may have on how to improve our program.

Please respond to this request candidly, as the District cannot improve on deficiencies or support positive measures without the knowledge of such conditions.

During this survey, BMWD and EUWD leak detection staff was able to work together for the first time. This partnership allowed both staffs to share

OFFICERS

JERRI W. MARTIN
CHAIR

HANS R. F. HELLAND
VICE CHAIRMAN

JACK R. OBERICH
SECRETARY

GUNTHER KRELLWITZ
TREASURER

DIRECTORS

BENAVENUE COUNTY

CAROL G. PATTERSON
COUNTY AREA CHAIR

GENE L. AMES III

JO ANN S. DE HOYON

HANS R. F. HELLAND

GUNTHER KRELLWITZ

ERNEST QUINONES

COMAL COUNTY

JACK R. OBERICH
COUNTY AREA CHAIR

S. CRAIG HOLLMIG

KENNETH G. IKELS

HAYS COUNTY

A. KAYLENE RAY
COUNTY AREA CHAIR

HARRY BISHOP

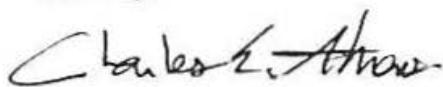
JERRI W. MARTIN

RICK HILGNER
GENERAL MANAGER

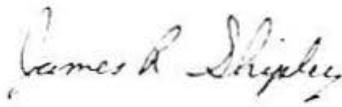
experiences, evaluate different techniques and discuss problems common to leak detection programs. Our staff developed a very positive image of the BMWWD program and found these sessions to be both informative and productive. If your staff should require leak detection assistance in the future, the District can provide assistance and support.

As always, it was a pleasure to work with you and your staff. Should you require leak detection assistance on any future water system acquisitions or additional information regarding this report, please call.

Sincerely,



Charles E. Ahrens
Water Resources Planner III



James R. Shipley
Leak Detection Technician II

CEA:JRS/ bmc

Enclosures

cc: Mr. Nicolas Rodriguez, Jr., Deputy General Manager, Service Center
Mr. Jimmy DeLoach, Maintenance Supervisor, South
Mr. Larry Beetle, Maintenance Supervisor, North

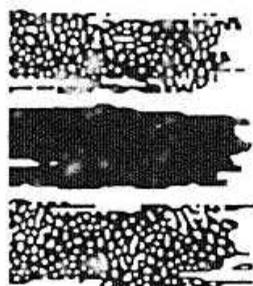
002jrs

**LEAK DETECTION / LOCATION SURVEY REPORT
FOR
BEXAR METROPOLITAN WATER DISTRICT
NORTHEAST / NORTHWEST
SAN ANTONIO, TEXAS**

March 21, 1994 - February 24, 1995

By

James R. Shipley
of the
EDWARDS UNDERGROUND WATER DISTRICT
Division of Planning and Environmental Management
Leak Detection/Location Program
March, 1995



**Edwards Underground Water District
1615 N. St. Marys
P. O. Box 15830
San Antonio, Texas 78212-9030
210-222-2204**

TABLE OF CONTENTS

SUMMARY..... I

DISCUSSION..... II

RECOMMENDATIONS AND COMMENTS..... VII

APPENDICES

	<u>Northeast</u>	<u>Northwest</u>
A. Service Leaks	1	1
B. Main Leak	10	3
C. Fire Hydrants Leaks	12	4
D. Valve Leaks	13	5
E. Meter Box Leaks	14	6
F. Customer Side Leaks	19	10
G. Valves Added To Plats	32	17
H. Mains Added To Plats	40	21
I. Fire Hydrants Added To Plats	43	23
J. Unable To Locate	46	25
K. Repairs Needed	52	31
L. Changed on Plats	57	36
M. Cleaning Needed	60	38

ENCLOSURES TO REPORT

- A. Revised Master Water System Distribution Plats

SUMMARY

On March 15, 1994, the Edwards Underground Water District (EUWD) received a request from the Bexar Metropolitan Water District (BMWD) to perform a leak detection / location survey on their two newly acquired water systems. These systems were formerly owned and operated by the Lackland City Water Company. A pre-survey conference was held March 15, 1994 at the BMWD Service Center to discuss the work to be performed. It was agreed that EUWD would perform sonic leak detection on all available access points and computerized leak location as needed. A final report, including any unusual system condition found and an updated master water plat would be submitted to BMWD at the conclusion of the survey.

Mark L. McGinnis of EUWD began the survey of the Northwest system on March 23, 1994. The Northeast system survey was started on April 11, 1994 by John E. Gapinski of EUWD. The Northeast survey was concluded on February 3, 1995 followed by the Northwest survey that was concluded on February 24, 1995. Over the course of the survey, EUWD surveyed a total of 22,319 access points including 18,239 customer service connections, 898 fire hydrants, 1,855 valves, and 207 other access points covering 175.93 miles of distribution main. Computers leak sound correlation was performed on 17 locations by EUWD and numerous other locations by BMWD personnel.

EUWD surveyors detected a total of 741 leaks. This total included 194 service leaks, 137 meter box leaks, 27 main line leaks, 22 fire hydrant leaks, 10 main valve leaks, and 351 customer side leaks. EUWD estimates 559,797 gallons of water per day has been saved by the repair of 387 detected leaks as of March 17, 1995. The leaks discovered during the survey range from 54,864 gallons per day to numerous small meter box leaks.

As part of the survey, EUWD located 340 valves of various types, 90 fire hydrants, and 59,385 feet of main not shown on the master water plats. EUWD surveyors were unable to locate 287 service connections, 171 valves of various types, and 2 fire hydrants shown on the master water plats. An additional 196 items were discovered to need some type of repair or adjustment.

DISCUSSION

A. Total Access Points Surveyed: 22,319

Northeast: 12,124
Northwest: 10,195

The following is an outline of the various access points used during the survey:

	Northeast	Northwest	Subtotal
1. Customer service connections:	9,931	8,308	18,239
2. Main valves:	1,554	1,321	2,875
3. Fire hydrants:	438	460	898
4. Others:	201	106	307

B. Total Miles of Distribution Main Surveyed: 175.93

Northeast: 94.25
Northwest: 81.68

C. Total Leaks Detected: 741

Northeast: 515
Northwest: 226

Main line, service line, fire hydrant, and valve leaks were located by computer correlation of leak sounds or by visual inspection. Meter box leaks and customer side leaks were located through house to house surveying.

	Northeast	Northwest	Subtotal
1. Valves:	7	3	10
2. Meter Box:	78	59	137
3. Fire Hydrant:	15	7	22
4. Service:	166	28	194
5. Mains:	17	10	27
Subtotal:	283	107	390
6. Customer Side:	232	119	351
Total:	515	226	741

A detailed listing of these leaks is recorded in appendices A through F. Separate appendices are provided for both systems and each category of leak.

D. Detected Leaks Not Repaired, As of April 25, 1995: 3

Northeast: 1
Northwest: 2

E. Total Estimated Water Saved by Repair of Detected Leaks in Gallons Per Day as of April 25, 1995: 559,797

Northeast: 422,393
Northwest: 137,404

Leakage estimates for main line, service line, fire hydrants, and valve leaks are based on hole size and system pressure in pressure per square inch. This information was furnished by BMWD personnel when EUWD was not on site at the time of repair. Totals are only recorded for leaks repaired as of April 25, 1995 with estimates.

	<u>Northeast</u>	<u>Northwest</u>	<u>Subtotal</u>
Valves:	12,289	2,902	15,191
Meter Box:	4,291	613	4,904
Fire Hydrants:	7,520	1,920	9,440
Service:	137,927	18,857	156,784
Main:	260,366	113,112	373,478

Customer leaks were generally small. No attempt was made to estimate this leakage. Customers were notified by doortag or in person when possible or will be notified by BMWD personnel.

F. Field Survey Findings Vs. Master Water Plats.

1. Water system access points that could not be located: 460

	<u>Northeast</u>	<u>Northwest</u>	<u>Subtotal</u>
Main Line Valves:	46	40	86
Blow Off Valves:	41	33	74
Fire Hydrant Valves:	3	8	11
Fire Hydrants:	2	0	2
Service Connections:	197	90	287

Suspected locations were surveyed by EUWD with a ferromagnetic detector to locate buried valves. When successful, these locations were marked. It is conceivable that additional valves remain unlocated within the system. All valves box lids located were painted red.

A list of these items are included in appendix J.

2. Valves located, but not shown on plats: 341

	<u>Northeast</u>	<u>Northwest</u>	<u>Subtotal</u>
Main Line Valves:	184	81	265
Blow Off Valves:	28	5	33
Pressure Regulating Valves:	2	3	5
Fire Hydrant Valves:	4	2	6
Service Valves:	17	11	28
Fire Line Valves:	1	1	2
Back Flow Preventor:	1	1	2

A list of these valves is included in appendix G.

3. Feet of main located, but not shown on plats: 59,385

Northeast: 45,470'

Northwest: 13,915'

A list of main footage's is included in appendix H.

4. Fire hydrants located, but not shown on plats: 90

Northeast: 55

Northwest: 35

A list of these fire hydrants is included in appendix I.

G. Miscellaneous Maintenance Needed

1. Raise To Grade: 149

	<u>Northeast</u>	<u>Northwest</u>	<u>Sub Total</u>
Main Valve:	37	27	64
Blow Off Valve:	26	13	39
Fire Hydrant Valve:	6	12	18
Service:	2	26	28

2. Repair Needed: 47

	<u>Northeast</u>	<u>Northwest</u>	<u>Subtotal</u>
Main Valve:	9	9	18
Blow Off Valve:	0	4	4
Fire Hydrant Valve:	2	5	9
Curb Stop:	3	0	3
Meter Box:	3	0	3
Missing Lids:	8	2	10

A list of these items is included in appendix K.

3. Cleaning Needed: 20

Main Valve:	8	5	13
Blow Off Valve:	1	1	2
Fire Hydrant Valve:	5	0	5

A list of these items is included in Appendix M.

H. Revisions To The Master Water System Distribution Plats Included With This Report

The 142 pages of Bexar Metropolitan Water District water system distribution plats used in these surveys have been grouped into two sections. One section for the Northeast and one for the Northwest section.

Distribution and transmission mains added to plats were field measured from access point to access point. Main line size and material types were furnished by BMWD personnel.

Abbreviations Used on the Revised Distribution System Plats:

- UTL -- Unable To Locate
- NC -- Needs Cleaning
- RTG -- Raise To Grade
- ARV -- Air Relief Valve
- PRV -- Pressure Regulating Valve
- BFP -- Back Flow Preventor
- NR -- Needs Repair
- FHWV -- Fire Hydrant With Valve
- FH -- Fire Hydrant Without Valve

All mains were surveyed from all available access points.

All valves located were surveyed. When direct contact could not be made, a probe rod was used.

Fire hydrants labeled as fire hydrants without lead valves are hydrants where the lead valve could not be located or does not exist.

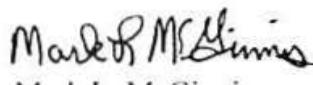
Any item circled and highlighted in yellow on the plats indicates that it was added, could not be located, or needs repair. All items are labeled on the plats.

All mains, fire hydrants, water services, and valves added to the plats are for access point accounting. The location and placement of these items on the plats are intended to indicate what was actually found during the field survey. Placement of main valves on the plat is the surveyor's best guess of what they control. Every effort was made to ensure the accuracy of these plats, but EUWD does not guarantee their accuracy.

RECOMMENDATIONS AND COMMENTS

- I. Revise master water distribution plats from "As built" plans, EUWD plats, and utilizing the knowledge and expertise of long term field employee. Master plats should show locations of all main valves, fire hydrants, blow off valves, drain or flush valves, air relief valves, and pressure regulating valves. Revised plats should be made available to field maintenance supervisors for use in the operation and maintenance of the water distribution system.
- II. Implement an ongoing in-house main line valve preventive maintenance program. Inspection and operation of all system valves should be performed on a routine basis. All distribution system valves should be located, cleaned, sounded for leakage, tested, repaired or replaced as needed. The use of valve markers is recommended on valves subject to being lost or buried.
- III. Easements or rights-of-way on cross country mains should be cleared, mowed, and maintained to expedite leak repair and allow access by utility personnel for routine visual inspection.
- IV. A thorough evaluation of the water distribution systems air relief needs should be conducted. Air relief valves should be located, inspected, repaired, replaced, or installed as needed.
- V. Review the existing water distribution system and planned water system improvements to ensure sufficient access points are in place to facilitate future leak detection/ location surveys.
- VI. We are continually impressed by the pride and professionalism exhibited by all members of the BMWD staff. The quality workmanship and efficiency displayed by the staff reaffirmed the high standards we have come to expect from Bexar Metropolitan Water District. The successful partnership we have established has once again saved a significant amount of precious water and benefited all citizens of the Edwards Aquifer region. The Edwards Underground Water District appreciates the water conservation efforts and recognizes the high level of cooperation provided by BMWD. Please convey our commendations and thanks to Edward Hernandez, Fred Alderete, and their staff for their diligence in helping to conserve the Edwards Aquifer.


John E. Gapinski
Leak Detection Technician I


Mark L. McGinnis
Leak Detection Technician I


James R. Shipley
Leak Detection Technician II

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 1 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
1	4/20	5818 Thornwood	60	5/4	Corporation Coupling	5/4
2	4/19	4715 Castle Path	360	4/25	Corporation Coupling	6/8
3	4/19	4703 Castle Path	120	4/25	Corporation Coupling	6/8
4	4/21	5990 Midcrown	720	4/26	Corporation Coupling	6/8
5	4/26	5850 Castle Yard	120	5/12	Corporation Coupling	5/12
6	4/25	4727 Castle Rose	120	5/17	Corporation Coupling	7/6
7	5/2	5230 Stoneshire	60	5/6	Corporation Coupling	6/8
8	5/2	5811 Thornwood	60	5/5	Corporation Coupling	5/5
9	5/2	5815 Shadow Way	60	5/4	Corporation Coupling	5/4
10	5/3	5642 Castle Prince	60	5/5	Corporation Coupling	5/5
11	5/4	4839 Castle Prince	120	5/10	Corporation Coupling	5/10
12	5/4	4851 Castle Path	60	1/10	Corporation Coupling	1/10
13	5/4	4802 Castle Sword	60	5/10	Corporation Coupling	6/8
14	5/4	4818 Castle Arms	60	5/9	Corporation Coupling	6/8
15	5/4	4826 Castle Arms	120	5/11	Corporation Coupling	5/11
16	5/9	4859 Castle Shield	60	5/16	Corporation Coupling	6/8
17	5/9	4862 Castle Shield	60	5/16	Corporation Coupling	6/8
18	5/10	4651 Castle Knoll	360	5/17	Corporation Coupling	5/17
19	5/10	5803 Castle Hunt	60	5/16	Corporation Coupling	6/8

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 2 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
20	5/10	5802 Castle Hunt	60	5/16	Corporation Coupling	6/8
21	5/10	5831 Castle Hunt	60	5/18	Corporation Coupling	5/18
22	5/18	5835 Castle Hunt	360	5/18	Corporation Coupling	5/18
23	5/10	5810 Castle Lake	60	5/17	Corporation Coupling	6/8
24	5/9	5859 Castle Brook	8.6	5/18	Corporation Stop	5/18
25	5/10	5822 Castle Yard	120	11/29	Corporation Coupling	1/3
26	5/13	4806 Castle Inn	60	5/19	Corporation Coupling	6/8
27	5/13	4806 Castle Guard	60	5/19	Corporation Coupling	6/8
28	5/12	4719 Castle View	120	7/6	Corporation Coupling	7/6
29	5/12	6018 Castle Queen	60	5/30	Corporation Coupling	6/9
30	5/11	4807 Castle Rose	60	5/18	Corporation Coupling	6/8
31	5/11	4810 Castle Rose	60	5/18	Corporation Coupling	7/6
32	5/11	4815 Castle Rose	60	5/17	Corporation Coupling	6/8
33	5/12	6022 Castle Hunt	120	5/20	Corporation Coupling	6/8
34	6/6	4723 Castle Rose	240	6/18	Corporation Coupling	7/6
35	5/20	7002 Glen Mist	240	6/28	Corporation Coupling	7/6
36	5/20	7000 Glen Pass	720	11/15		11/15
37	5/20	7027 Glen Pass	120	6/29	Corporation Coupling	6/29

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95
APPENDIX A**

Page 3 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
38	5/20	7031 Glen Pass	120	6/29	Corporation Coupling	6/29
39	5/20	7043 Glen Pass	120	1/21/95		1/23
40	5/20	7055 Glen Pass	60	6/29	Corporation Coupling	6/29
41	5/20	7048 Glen Mist	720	1/23/95		1/23
42	5/20	7040 Glen Mist	1440	12/19		1/3
43	5/25	7217 Glen Bay	1440	6/30	Corporation Coupling	6/30
44	5/25	7730 Glen Meadows	60	6/7	Corporation Coupling	6/7
45	5/25	7722 Glen Meadows	120	1/21		1/24
46	5/25	7623 Glen Hurst	30	1/23		1/24
47	5/25	7319-18 Glen Croft	60	6/1	Corporation Coupling	6/1
48	5/25	7306 Glen Croft	60	6/1	Corporation Coupling	6/1
49	5/31	7310 Glen Croft	60	6/1	Corporation Coupling	6/1
50	5/31	7307 Glen Croft	60	6/2	Corporation Coupling	6/2
51	5/31	7331 Glen Croft	120	6/3	Corporation Coupling	6/3
52	5/31	7110 Glen Haven	60	Unknown	Corporation Coupling	7/26
53	5/31	7107 Glen Haven	120	Unknown	Corporation Coupling	7/26
54	5/31	7207 Glen Trail	120	1/21		1/23
55	6/10	7203-07 Glen Point	720/240	1/24		1/24
56	6/10	7222 Glen Hill	60	Unknown	Corporation Coupling	7/26

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 4 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
57	6/10	7223 Glen Hill	120	1/10		1/20
58	6/15	7615 Glen Mont	1,538	11/9		11/9
59	6/14	8235 Glen Post	120	7/13	Corporation Coupling	7/26
60	6/14	8216 Glen Boro	60	7/5	Corporation Coupling	7/5
61	6/15	8210 Glen Castle	120	1/25		1/26
62	6/15	7127 Glen Heights	120	7/13	Corporation Coupling	7/13
63	6/15	7238 Montgomery	120	1/27		1/30
64	5/31	7110 Glen Trail	60	Unknown		1/3
65	5/31	7319 Glen Manor	30	1/24		1/24
66	6/16	8431 Glen Breeze	Unknown	Unknown		1/4
67	6/16	8403-07 Glen Breeze	60	7/18	Corporation Coupling	7/26
68	6/16	8323 Glen Breeze	120	7/18	Corporation Coupling	7/26
69	6/16	8307 Glen Breeze	Unknown	Unknown		
70	6/16	8314 Glen Shadow	120	7/11		7/26
71	6/16	8414 Glen Court	120	1/27		1/31
72	6/16	8415-19 Glen Court	Unknown	Unknown		1/4
73	6/17	8526-30 Glen Shadow	360	1/24		1/24
74	6/29	7029 Glen Pass	60	6/29		6/29

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 5 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
75	6/29	7033 Glen Pass	60	6/29	Corporation Coupling	6/29
76	7/14	8303-05 Glen Shadow	720	1/19	Corporation Coupling	1/20
77	7/14	7003 Glen Walk	30	1/20	Corporation Coupling	1/20
78	7/14	7002 Glen Ledge	240	1/21	Corporation Coupling	1/23
79	7/14	8502 Glen Shadow	30	1/19	Corporation Coupling	1/19
80	7/14	8615 Glen Mont	120	1/21	Corporation Coupling	1/23
81	7/14	8702 Glen Mont	60	1/21	Corporation Coupling	1/23
82	7/14	7123 7126-22 Glen Creek	30/30/720	1/11	Corporation Coupling	1/11
83	7/14	8707 Glen Shadow	240	12/21	Corporation Coupling	1/4
84	7/14	7138 Walnut Trace	60	1/11	Corporation Coupling	1/11
85	7/14	6723 Glen Fair	60	1/11	Corporation Coupling	1/20
86	6/28	5826 Wood Hollow	30	1/9	Corporation Coupling	1/10
87	7/22	6923 Glen Fair	60	1/11		1/20
88	7/22	6922 Glen Fair	60	1/11		1/20
89	7/22	7134 Glen Creek	60	1/11		1/20
90	7/22	7130 Walnut Trace	120	1/12		1/12
91	7/21	7019 Scottswood	1440	1/9	Pinhole in Main	1/10
92	7/21	6830 Leyland	60	1/12	Corporation Coupling	1/12
93	7/21	6702 Leyland	60	1/12	Corporation Coupling	1/12

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95
APPENDIX A**

Page 6 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
94	8/28	4751 Castle Knoll	1440	9/8	Plastic Service	1/3
95	7/21	8722 New World	60	1/28	Corporation Coupling	1/28
96	7/21	8430 Bentwaters	240	1/24	Corporation Coupling	1/24
97	7/21	6834 Leyland	9	1/12	Corporation Coupling	
98	8/9	8413 Maple Ridge	1440	8/9	Bushing	8/12
99	6/16	8202 Glen Court	2880	Unknown	Corporation Coupling	8/1
100	8/19	9574 Millers Ridge	120	2/17		
101	8/19	Entrance to Miller's Ridge	120	1/26	Corporation Coupling	1/20
102	8/22	6922 Silver Shadow	240	1/24	Corporation Coupling	1/24
103	8/25	5430 Stoneshire	720	9/2		1/4
104	10/12	6600 Blk Beach Trail	55,353	11/15		1/4
105	10/20	Caspian Bay (a) Cantura Mill	Unknown	1/27		1/31
106	11/7	6345 Montgomery	7,920	11/16	Split Service	11/16
107	12/6	Army Retirement Center Maintenance Bldg.	60	3/9	Corporation Coupling	3/10
108	12/1	7811 Sun Forest	2,880	12/2	Corporation Coupling	1/22
109	12/15	8638 Leyland	120	1/21	Corporation Coupling	1/23
110	12/15	8710 Bridington	60	1/21	Corporation Coupling	1/23
111	12/15	8719 Bridington	60	1/21	Corporation Coupling	1/23

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 7 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
112	12/15	8451 Michelle Way	360	4/14	Corporation Coupling	4/25
113	12/15	8422 Northmont	Unknown	1/21	Corporation Coupling	1/25
114	12/15	6247 Malibu	Unknown	Unknown	Corporation Coupling	
115	12/15	8506 Braewich	360	4/30		4/25
116	12/15	8422 Braewick	60	1/21	Corporation Coupling	1/25
117	12/15	6336 Montgomery	30	1/27	Corporation Coupling	1/27
118	12/15	6120 Montgomery	240	4/17	Corporation Coupling	4/25
119	12/15	7931 Melbury Forest	240	1/14	Corporation Coupling	1/20
120	12/15	7930 Mountain Forest	240	1/28	Corporation Coupling	1/28
121	12/15	7907 Mountain Forest	60	1/14	Corporation Coupling	1/20
122	12/15	7807 Rustic Forest	30	1/14	Corporation Coupling	1/20
123	12/15	7931 Rustic Forest	120	1/14	Corporation Coupling	1/20
124	12/15	8102 Pleasant Forest	30	1/14	Corporation Coupling	1/20
125	12/15	8111 Pleasant Forest	30	1/14	Corporation Coupling	1/20
126	12/15	7803 Rustic Forest	30	1/14	Corporation Coupling	1/20
127	12/15	6226 Robin Forest	30	1/14	Corporation Coupling	1/20
128	12/15	8102 Deer Forest	120	1/14	Corporation Coupling	1/20
129	12/15	8119 Rustic Forest	240	1/14	Corporation Coupling	1/20
130	12/15	8103 Pleasant Forest	60	1/14	Corporation Coupling	1/20

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95
APPENDIX A**

Page 8 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
131	12/15	4758 Castle Cross	60	1/25	Corporation Coupling	1/31
132	12/15	5867 Castle Brook	120	2/7		2/13
133	12/15	7714 Barron Ridge	8,532	2/9		2/13
134	12/15	8738 Ridge Mile	60	2/9		2/3
135	12/15	8002 Shadow Forest	240	1/28		1/28
136	12/15	8010 Shadow Forest	360	1/28	Pinhole	1/28
137	12/15	8010 Hickory Forest	60	2/6		2/13
138	12/15	8003 New World	120	1/28	Corporation Coupling	1/28
139	12/15	7926 Mountain Forest	240	1/28	Corporation Coupling	1/28
140	12/15	7921/23 Broadwick	120	2/10		2/24
141	12/15	7106 Oldham	60	1/31	Corporation Coupling	1/31
142	12/15	7128 Oldham	60	2/4		2/13
143	12/15	7127 Oldham	60	2/9		2/13
144	12/15	7131 Oldham	30	2/1	Corporation Coupling	2/1
145	12/15	7144 Oldham	240	2/1	Corporation Coupling	2/1
146	12/15	7119 Cork	2,880	2/9	Topping Saddle	2/13
147	12/15	7111 Swinford	60	1/28	Corporation Coupling	1/28
148	12/15	8015 Langport	120	1/28	Corporation Coupling	1/28
149	12/15	8011 Langport	240	2/9		2/13

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
SERVICE LEAK LIST / 1994-95
APPENDIX A**

Page 9 of 9

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
150	12/15	8001 Langport	720	1/28	Corporation Coupling	1/28
151	12/15	7911 Langport	60	1/28	Corporation Coupling	1/28
152	12/15	8014 Mallow	60	1/28	Corporation Coupling	1/28
153	12/15	7938 Mallow	60	1/28	Corporation Coupling	1/28
154	12/15	7930 Mallow	120	4/10	Corporation Coupling	4/25
155	12/15	7122 Brecon	360	1/28	Corporation Coupling	1/28
156	12/15	7120 Brecon	60	1/28	Corporation Coupling	1/28
157	12/15	6817 Oldham	720	2/1	Corporation Coupling	
158	12/15	6811 Stockport	1440	1/28	Clamp	1/28
159	12/15	6923 Stockport	30	2/4		2/13
160	12/15	6908 Neston	60	4/13		4/25
161	12/15	6922 Stockport	120	2/4		2/13
162	12/15	8010 Pine Forest	60	2/7		2/13
163	9/1	7222 Sunlit Trail	8640	2/22	Corporation Split	2/24
164	9/12	7210 Elm Trail	4320	2/15	Corporation Split	2/24
165	10/5	7419-23 Longing Trail	2160	2/16	Corporation Split	2/24
166	10/5	7958-62 Wayside Trail	10,656	1/24	Corporation Hole	1/24

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
MAIN LEAK LIST / 1994-95
APPENDIX B**

Page 1 of 2

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
1	5/5	5815 Thornwood	360	5/5/94	Clamp Leak	5/5
2	5/10	5806 Woodhill	60	5/18/94	Corporation Leak	6/8
3	8/9	6806 Ludgate	1,440	11/4/94	Clamp	1/9
4	7/15	7942 New World	1,440	7/22	Cracked Main	7/22
5	6/16	8107 Bent Meadow	54,864	6/28/94	Cracked Main	7/22
6	9/12	7302 Grassy Trail	1,538	9/15	Hole	9/22
7	9/12	6111 Derby	2,160	9/22	Cracked Main	9/22
8	10/4	Falcon Meadow @ Coral Meadow	31,680	11/1	Rolled Gasket	11/1
9	9/28	12" Main Northeast of Castle Rose	21,600	9/30	Clamp Leak	9/30
10	9/28	16" Main 500' west of #9 Well	4,320	9/29	Clamp Leak	
11	10/13	16" Main 500' west of #9 Well	21,600	10/5	Dresser Coupling	
12	10/16	16" Main 500' west of #9 Well				
13	12/2	8310 Pine Meadow	36,576	12/6	Cracked Main	12/6
14	12/6	6647 Snow Meadow	18,288	12/13	Cracked Main	12/3
15	12/6	8144 Maple Meadow	9,216	1/10	Cracked Main	1/10
16	12/8	8302 Pine Meadow	54,864	3/15	Cracked Main	3/15

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
FIRE HYDRANT LEAK LIST / 1994-95
APPENDIX C**

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
1	4/13	5802 Castle Hunt	720	4/13	Flushed/Reseated	4/14
2	4/13	5850 Castle Lake	1440	4/15	Repaired	4/19
3	4/13	5802 Castle Lake	720	4/20	Repaired	4/19
4	5/25	7202 Glen Cross	100	5/25	Flushed/Reseated	5/25
5	5/31	7000 Glen Grove	100	6/16	Flushed/Reseated	6/16
6	7/12	8511 Glen Breeze	720	7/18	Flushed/Reseated	7/18
7	7/13	6510 Echo Forest	720	7/18	Repaired	7/18
8	8/1	10027 Trout Ridge	360	8/1	Reseated	8/1
9	8/26	#2111 Peninsula	100	8/26	Reseated	8/26
10	10/5	7425 Myrtle Trail	180	10/5	Reseated	10/5
11	10/5	7382 Estrid Trail	100	10/5	Reseated	10/5
12	11/7	8401 Braewick	360	4/14		4/25
13	12/2	7831 Sun Forest	360	4/21		4/25
14	12/16	8103 Cedar Forest	100	12/16	Flushed Reseated	12/16
15	1/16	6900 Oldham	1440	1/6/95	Flushed Reseated	1/9

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVE LEAK LIST / 1994-95
APPENDIX D**

Page 1 of 1

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
1	9/2	7303 Wistful Trail	1080	9/16	Rusted Bolts	9/16
2	10/2	8215 Misty Cedar	9	1/9	Valve Stem	1/9
3	10/11	Walzem Rd. @ Glen Trail	10,771	1/27		1/31
4	10/11	Warrior Tr	9	1/9		1/31
5	10/20	Crestway @ Caspean Bay	360	1/27	Blow Off	1/31
6	8/20	Army Retirement Center Valve to Duck Pond	Unknown	1/5	2" Valve passing water not metered	1/5
7	1/5	7825 Braewick	60	1/5		1/5

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
METER BOX LEAK LIST / 1994-95
APPENDIX E**

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
1	4/20	5806 Thornwood	17.2	Unknown	Inlet Washer	6/8
2	4/11	5334 Stoneshire	17.3	4/12	Outlet Washer	4/12
3	4/12	4827 Castle Lance	34.6	4/15	Inlet Washer	6/8
4	4/19	5647 Castle Prince	25.9	4/20	Inlet Washer	4/20
5	4/19	4866 Castle Prince	1.0	Unknown	Curb Stop	10/20
6	4/20	4823 Castle Guard	4.3	4/22	Outlet Washer	6/8
7	4/20	4803 Castle Guard	4.3	4/22	Inlet Washer	6/8
8	5/25	7718 Glen Meadows	8.6	2/1	Inlet Washer	2/1
9	4/25	4802 Castle Guard	4.3	4/27	Inlet Washer	6/8
10	4/25	4706 Castle View	25.9	4/27	Inlet Washer	6/8
11	4/25	4802 Castle Bridge	43.2	4/26	Curb Stop	6/8
12	4/26	4855 Castle Rose	17.2	4/28	Inlet Washer	6/8
13	5/6	4806 Castle Kent	8.6	4/28	Under Curb Stop	1/5
14	5/31	7147 Glen Grove	43.2	1/31	Curb Stop	1/5
15	5/31	7730 Glen Briar	43.2	Unknown	Curb Stop	1/5
16	6/10	7014 Glen Chase	120	6/10	Inlet Washer	6/10
17	5/11	600 Block of Beech Trail	720	5/12	Tee	5/12
18	6/16	8138 Whistler	26	7/8	Inlet Washer	7/18
19	7/14	6901 Glen Gate	26	11/15	Inlet Washer	1/5

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
METER BOX LEAK LIST / 1994-95**

APPENDIX E

Page 2 of 5

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
20	7/14	8523 Glen Shadow	9	11/8	Curb Stop	11/8
21	7/14	8706 Kentsdale	26	7/18	Inlet Washer	7/25
22	7/14	6834 Leyland	8.6	11/16	Inlet Washer	1/5
23	7/14	6803 Leyland	8.6	11/16	Curb Stop	1/5
24	7/14	8427 Bentwaters	8.6	11/15	Inlet Washer	1/5
25	7/14	6755 Montgomery	9	11/16	Inlet Washer	1/5
26	7/14	6756 Montgomery	240	4/18	Inlet Washer	4/25
27	7/14	6881 Montgomery #5	2	11/16	CCNH	1/5
28	7/14	6888 Montgomery	25	1/9	Outlet Washer	1/9
29	7/14	6919 Montgomery	4.3	11/16	Inlet Washer	1/5
30	7/8	6000 Block of Beech Trail	720	7/20	Tee	7/20
31	8/1	10006 Crescent Ridge	2	11/16	Slow Meter	1/9
32	8/1	9837 Fortune Ridge	8.6	8/1	Inlet Washer	8/1
33	8/2	7226 Echo Ridge	8.6	8/2	Inlet Washer	8/2
34	8/2	7131 Apache Ridge	360	9/8	Curb Stop	9/8
35	8/1	9851 Logans Ridge	43	9/7	Curb Stop	9/8
36	8/8	8767 Shadow Ridge	17.2	8/8	Inlet Washer	8/8
37	8/10	8730 Serene Ridge	240	2/9	Tee	2/13
38	8/11	7706 Gallant Ridge	120	2/2	Tee	2/2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
METER BOX LEAK LIST / 1994-95
APPENDIX E**

Page 3 of 5

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
39	8/11	7720 Painted Ridge	8.6	8/11	Inlet Washer	8/11
40	8/12	8514 Serene Ridge	17.2	11/6	Inlet Washer	1/9
41	8/10	7912 Falcon Ridge	25.9	8/10	Inlet Washer	8/10
42	8/10	7838 Falcon Ridge	17.6	8/10	Outlet Washer	8/10
43	8/12	8411 Forest Ridge	8.6	11/16	Inlet Washer	1/9
44	8/12	8308 Dixon Ridge	17.6	2/2	Meter Nipple	2/2
45	8/12	8783 Ridge Mile	43.2	10/20	Curb Stop	1/9
46	8/22	9522 Dunhill	17.6	11/16	Outlet Washer	2/1
47	8/22	6714 Chelsea Wood	8.6	11/16	Outlet Washer	2/1
48	8/26	9567 New World	43.2	11/11	Outlet Washer	1/9
49	8/26	6814 Emerald Cove	25.9	8/26	Outlet Washer	8/26
50	9/12	8026 Wayside Trail	17.2	11/18	Inlet Washer	1/9
51	10/6	6335 Beech Trail	26	4/18		4/25
52	10/6	6600 Blk. Beech Trail	360	11/16		11/16
53	10/13	7319 North Allerton	25.2	10/13	Inlet Washer	10/13
54	10/19	8026 Manderly Pl.	8.6	11/21	Inlet Washer	2/1
55	10/26	7174 Elk Trail	43.2	11/21	Inlet Washer	1/9
56	10/26	7519 Branding Tr.	25.2	11/18	Outlet Washer	1/9
57	10/26	7539 Oriental Tr.	25.2	11/18	Inlet Washer	1/9

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
METER BOX LEAK LIST / 1994-95
APPENDIX E**

Page 4 of 5

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
58	11/9	8623 Leyland	43.2	12/8	Curb Stop	1/9
59	11/7	8518 Selendine	120	4/14	Curb Stop	4/25
60	10/18	8203 Littleport	43.2	10/28	Curb Stop	10/28
61	11/8	8230 Littleport	17.2	Unknown	Curb Stop	10/28
62	11/7	8510 Littleport	8.6	11/21	Inlet Washer	1/10
63	11/8	8315 Maricopa	17.2	11/17		2/1
64	11/8	6307 Maricopa	25.2	11/17	Inlet Washer	2/1
65	11/7	6410 Fishers Cove	2	11/18	Inlet Washer	1/10
66	11/7	8915 Waterside	17.2	11/18	Inlet Washer	1/10
67	11/7	8519 Braewick	8.6	11/10	Inlet Washer	1/10
68	12/23	6103 Windy Forest	17.2	12/1	Outlet Washer	12/8
69	11/23	7823 Mountain Forest	17.2	11/28	Inlet Washer	1/10
70	12/2	7930 Rustic Forest	43.2	12/5	Inlet Washer	1/10
71	11/21	8011 Hunter Forest	8.6	12/5	Curb Stop	1/10
72	12/5	8019 Cool Forest	8.6	12/5	Curb Stop	1/10
73	11/22	Lot 25 Oak Chase	8.6	1/24		1/24
74	12/6	8026 Garden Court	8.6	2/1	Inlet Washer	2/11
75	12/9	6925 Crestway	17.2	1/30	Inlet Washer	1/31
76	12/2	7811 Sarepto	17.2	12/12	Inlet Washer	1/10

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
METER BOX LEAK LIST / 1994-95
APPENDIX E**

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	Recheck Date
77	12/16	7102 Swinford	8.6	12/6	Inlet Washer	1/10
78	1/5	6811 Laguna Norte	17.2	1/31	Inlet Washer	2/1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 1 of 13

Line #	Date	Address	Comments
1	4/19	5919 Woodcraft	Contacted
2	4/20	5822 Woodcraft	Door Tag
3	4/20	5706 Woodcraft	Contacted
4	4/20	5807 Woodgreen	Contacted
5	4/20	5815 Woodgreen	Contacted
6	4/20	5911 Thornwood	Contacted
7	4/11	5320 Rittiman	Contacted
8	4/12	5826 Woodhollow	Door Tag
9	4/12	5826 Shadow Way	Contacted
10	4/12	5814 La Colonia	Contacted
11	4/12	4842 Castle Bow	Contacted
12	4/19	4722 Castle Sword	Contacted
13	4/12	4858 Castle Arms	Contacted
14	4/12	4814 Castle Arms	Contacted
15	4/19	4826 Castle Shield	Contacted
16	4/19	5838 Castle Hunt	Door Tag
17	4/19	5908 Castle Hunt	Contacted
18	4/19	5887 Castle Run	Contacted
19	4/19	5819 Castle Lake	

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 2 of 13

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Comments</u>
20	4/19	5811 Castle Brook	Contacted
21	4/13	5810 Castle Yard	Contacted
22	4/25	5886 Midcrown	Door Tag
23	4/26	4846 Castle Stream	Contacted
24	4/26	4835 Castle Stream	Contacted
25	4/26	4802 Castle Stream	Door Tag
26	4/26	6030 Castle Hunt	Contacted
27	4/26	4703 Castle Path	Contacted
28	4/26	4802 Castle Rose	Door Tag
29	5/6	4819 Castle Kent	Door Tag
30	5/6	6018 Castle View	Contacted
31	5/9	5926 Castle Hunt	Door Tag
32	5/6	5907 Castle Mount	Contacted
33	5/5	4718 Castle Rose	Contacted
34	5/20	7104 Glen Mist	Door Tag
35	5/20	7004 Glen Park	Contacted
36	5/20	7031 Glen Pass	Contacted
37	5/25	7230 Glen Bay	Contacted
38	5/25	7224 Glen Bay	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 3 of 13

Line #	Date	Address	Comments
39	5/25	7224 Glen Mist	Contacted
40	5/25	7627 Glen Shire	Contacted
41	5/25	7639 Glen Shire	Contacted
42	5/25	7306 Glen Cross	Contacted
43	5/31	7202 Glen Haven	Door Tag
44	5/31	7107 Glen Grove	Contacted
45	5/31	7114 Glen Trail	Contacted
46	5/31	7115 Glen Trail	Door Tag
47	5/31	7323 Glen Manor	Contacted
48	6/10	6446 Quiet Forest	Contacted
49	6/10	7242 Glen Hill	Door Tag
50	6/10	7011 Glen Point	Door Tag
51	6/14	8107 Glen Lark	Door Tag
52	6/15	8219 Glen Castle	Contacted
53	6/21	7103 Walnut Trace	Contacted
54	7/8	8142 Whistler	Door Tag
55	7/6	7342 Montgomery	Door Tag
56	7/8	8415 Glen Breeze	Door Tag
57	7/14	8531 Glen Echo	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Line #	Date	Address	Comments
58	7/14	8402 Glen Echo	Door Tag
59	7/14	8310 Glen Echo	Contacted
60	7/14	6902 Glen Gate	Door Tag
61	7/1	8343 Glen Bluff	Contacted
62	6/21	6747 Glen Fair	Door Tag
63	7/14	6814 Rivulet	Contacted
64	7/14	6811 Castle Rae	Door Tag
65	7/14	8347 Bentwaters	Door Tag
66	7/14	8318 Lime House	Door Tag
67	7/14	8327 Lime House	Contacted
68	7/14	8710 Carrington	Contacted
69	7/14	6842 De Palma	Contacted
70	7/22	9727 Cylburn Park	Door Tag
71	7/18	9731 Cylburn Park	Contacted
72	7/25	7315 Mystery Ridge	
73	7/25	7339 Mystery Ridge	Contacted
74	7/25	10014 Spruce Ridge	Contacted
75	8/2	9715 Fortune Ridge	Contacted
76	8/3	7210 Misty Ridge	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Line #	Date	Address	Comments
77	8/2	7143 Winter Ridge	Contacted
78	8/3	7143 Comanche Ridge	Door Tag
79	8/3	7115 Comanche Ridge	Door Tag
80	8/3	7021 Hickory Ridge	Contacted
81	8/8	7002 Barren Ridge	Door Tag
82	8/8	7719 Moonlit Ridge	Door Tag
83	8/10	8752 Serene Ridge	Door Tag
84	8/10	8738 Serene Ridge	Contacted
85	8/11	7722 Falling Ridge	Contacted
86	8/11	7707 Gallant Ridge	Door Tag
87	8/12	7719 Rainfall Ridge	Contacted
88	8/12	8555 Serene Ridge	Door Tag
89	8/12	8526 Serene Ridge	Contacted
90	8/12	8538 Serene Ridge	Contacted
91	8/12	8311 Maple Ridge	Contacted
92	8/8	8303 Maple Ridge	Contacted
93	8/10	7834 Falcon Ridge	Door Tag
94	8/10	7838 Falcon Ridge	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 6 of 13

Line #	Date	Address	Comments
95	8/12	8435 Forest Ridge	Contacted
96	8/12	8432 Forest Ridge	Door Tag
97	8/12	8424 Forest Ridge	Contacted
98	8/12	8403 Forest Ridge	Door Tag
99	8/12	8312 Dixon Ridge	Contacted
100	8/12	8426 Dixon Ridge	Door Tag
101	8/12	8443 Dixon Ridge	Door Tag
102	8/12	8710 Ridge Mile	Contacted
103	8/10	8719 Ridge Mile	Contacted
104	8/12	8771 Ridge Mile	Door Tag
105	8/12	8727 Ridge Moon	Contacted
106	8/12	8726 Ridge Moon	Contacted
107	8/12	8619 Shallow Ridge	Contacted
108	8/15	8607 Ridge Pilot	Contacted
109	8/15	8619 Ridge Mile	Contacted
110	8/15	9527 Dunhill	Contacted
111	8/19	9531 Chelmsford	Door Tag
112	8/15	9526 Chelmsford	Door Tag
113	8/19	9510 New World	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 7 of 13

Line #	Date	Address	Comments
114	8/19	9514 New World	Contacted
115	8/26	6718 Vineland	Door Tag
116	8/26	6706 Vineland	Contacted
117	8/29	6811 Golden Gate	Contacted
118	8/29	9438 Shining Star	Contacted
119	8/26	#4102 Tarlac	Contacted
120	9/1	8007 Sunshine Trail	Door Tag
121	9/1	8015 Sunshine Trail	Contacted
122	9/1	8016 Sunshine Trail	
123	9/1	8008 Trail Village	Door Tag
124	9/1	6865 Beech Trail	Contacted
125	9/1	7131 Western Trail	Door Tag
126	9/1	7143 Western Trail	Door Tag
127	9/2	7158 Falcon Trail	Door Tag
128	9/2	8062 Pioneer Trail	Door Tag
129	9/2	7150 Warrior Trail	Door Tag
130	9/2	7102 Grassy Trail	Door Tag
131	9/2	7106 Grassy Trail	Door Tag
132	8/31	7119 Grassy Trail	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 8 of 13

Line #	Date	Address	Comments
133	8/31	7123 Grassv Trail	Door Tag
134	9/1	8022 Waywood Trail	Door Tag
135	9/1	8011 Waywood Trail	Contacted
136	9/1	7263 Sunlit Trail	Contacted
137	9/1	7234 Sunlit Trail	Door Tag
138	9/1	7231 Sunlit Trail	Contacted
139	9/1	7205 Sunlit Trail	Door Tag
140	9/3	7110 Beech Trail	Contacted
141	9/8	7107 Sunlit Trail	Door Tag
142	9/8	7111 Sunlit Trail	Door Tag
143	9/8	7134 Sunlit Trail	Door Tag
144	9/6	Spring Meadows Swimming Pool	Contacted
145	9/8	7262 Elm Trail	Contacted
146	9/8	7219 Elm Trail	Contacted
147	9/8	7215 Elm Trail	Contacted
148	9/12	7934 Flower Trail	Door Tag
149	9/12	7310 Longing Trail	Contacted
150	9/12	7907 Wayword Trail	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Line #	Date	Address	Comments
151	9/12	7218 Elm Trail	Door Tag
152	9/12	7214 Elm Trail	Door Tag
153	9/12	7202 Elm Trail	Contacted
154	9/12	7354 Grassy Trail	Contacted
155	9/12	7302 Grassy Trail	Contacted
156	10/5	7907 Corona Ridge	Door Tag
157	9/14	7126 Elm Trail	Door Tag
158	10/5	7335 Longing Trail	Contacted
159	10/5	7927 Wayside Trail	Door Tag
160	10/5	7951 Pepper Trail	Door Tag
161	10/5	7928 Pepper Trail	Contacted
162	10/5	7403 Radford Trail	Door Tag
163	10/5	7415 Radford Trail	Door Tag
164	10/5	7450 Radford Trail	Contacted
165	10/5	7425 Myrtle Trail	Contacted
166	10/5	7437 Myrtle Trail	Contacted
167	10/5	7922 Oval Meadow	Contacted
168	10/5	7907 Oval Meadow	Door Tag
169	10/5	7547 Foss Meadow	Door Tag

**BLXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Line #	Date	Address	Comments
170	10/5	8110 Mescal Trail	Door Tag
171	10/5	8106 Ludlow Trail	Contacted
172	10/5	8122 Seldon Trail	Door Tag
173	10/5	7439 Estrid Trail	Contacted
174	10/5	7414 Estid Trail	Contacted
175	10/5	7406 Cinnabar Trail	Door Tag
176	8/22	7338 Estrid Trail	Contacted
177	10/5	7319 Estrid Trail	Door Tag
178	10/5	7310 Estrid Trail	Contacted
179	10/5	8263 Sunshine Trail	Door Tag
180	10/5	7313 Shadow Trail	Door Tag
181	10/5	7321 Reveen Trail	Door Tag
182	10/6	7019 Beech Trail	Contacted
183	10/6	6911 Beech Trail	Door Tag
184	10/6	7902 Corum Trail	Door Tag
185	10/6	8001 Dove Trail	Door Tag
186	10/6	6926 Sunriver Dr.	Contacted
187	10/6	8039 Copper Trail	Door Tag
188	10/6	8020 Copper Trail	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 11 of 13

Line #	Date	Address	Comments
189	10/22	8358 Long Horn Ridge	Door Tag
190	10/12	6826 Eden Grove	Door Tag
191	10/12	6811 Flaming Ridge	Door Tag
192	10/12	6830 Flaming Ridge	Door Tag
193	10/12	6868 Columbia Ridge	Contacted
194	10/12	8219 Bent Meadows	Contacted
195	10/12	8019 Chestnut Barr	Door Tag
196	10/12	8015 Coco Meadow	Contacted
197	10/12	8132 Chestnut Barr	Contacted
198	10/6	6338 Beech Trail	Door Tag
199	10/12	8311 Pine Meadow	Contacted
200	10/12	Hwy 78 @ Beech Trail	Contacted
201	10/26	8118 Talkenhorn	Door Tag
202	10/26	8135 Manderly Pl.	Door Tag
203	10/26	7015 Elk Trail	Door Tag
204	10/26	7107 Elk Trail	Contacted
205	10/26	7139 Elk Trail	Contacted
206	10/26	7534 Oriental Trail	Contacted
207	10/26	8043 Manderly Pl.	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Line #	Date	Address	Comments
208	11/8	6514 Sandown	Contacted
209	11/7	6041 Jetty	Door Tag
210	11/7	6506 Havenside	Door Tag
211	11/7	6416 Northmont	Contacted
212	11/7	8538 Northmont	Door Tag
213	11/23	7819 Sun Forest	Contacted
214	12/2	8106 Pleasant Forest	Door Tag
215	12/2	8122 Hunter Forest	Contacted
216	11/22	7544 Windsor Oaks	Contacted
217	2/7	8106 Green Forest	Contacted
218	12/5	8018 Pine Forest	Contacted
219	12/16	8002 Hickory Forest	Contacted
220	12/16	8110 New World	Contacted
221	12/12	7026 Oldham	Door Tag
222	12/16	7735 Quail Hill	Door Tag
223	12/16	6924 Neston	Contacted
224	12/15	6059 Walzem Rd.	Contacted
225	11/5	7522 Oak Chase	Contacted
226	11/5	6636 Crestway #3	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Line #	Date	Address	Comments
227	1/8	7733 Quail Hill	Contacted
228	1/8	7705 Quail Hill	Door Tag
229	1/9	7808 Winsford	Door Tag
230	1/9	6817 Stockport	Door Tag
231	1/9	6830 Stockport	Door Tag
232	1/9	6922 Stockport	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 1 of 8

Line #	Plat #	Address	Type	Number Added
1	194-600	Rittiman Rd. east of Thornwood	Main Valve and Blow Off	2
2	196-600	Castle Sword @ Castle Prince	Fire Hydrant Valve	1
3	196-602	Midcrown @ Castle Lance	3 Main Valve and One PRV	4
4	196-602	Midcrown @ Castle Arms	Main Valve	1
5	196-602	Midcrown @ Castle Path	Main Valve	1
6	196-602	Castle Shield @ Castle Lance	Fire Hydrant Valve	1
7	196-602	Castle Lane between Lots 16 and 17	3 Service Valves and 1 Main Valve	4
8	198-600	Castle Cross between Castle Hunt and Rittiman	Main Valve and SAWS tie in	1
9	198-602	Midcrown @ Castle Cross	Main Valve and 2 Service Valves	3
10	198-608	Bently Dr.	Blow Off	1
11	198-608	Southeast of Walzem Rd. @ Bentley	Fire Line Valve	1
12	198-610	Walzem Rd. @ Bentley	Main Valve	1
13	200-602	Midcrown @ Castle Bridge	Main Valve	1
14	200-608	West of Walzem Rd.	3 Main Valves and 1 Blow Off	4
15	200-608	Melbury Forest @ Mountain Forest	Main Valve	1
16	200-610	Montgomery Dr.	2 Main Valves	2
17	200-610	Montgomery Dr. @ Melbury Forest	2 Main Valves	2
18	202-600	Castle Ross @ Castle View	3 Main Valves and 1 PRV	3

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 2 of 8

Line #	Plat #	Address	Type	Number Added
19	202-606	South of Walzem Rd. and West of New World Dr.	Blow Off	1
20	202-608	Robin Forest @ Hunters Forest	Main Valve	1
21	202-608	Quiet Forest @ Shadow Forest	Main Valve	1
22	202-612	Waterside @ River Hills	Main Valve	1
23	202-612	David Dr. Well site @ Littleport	3 Main Valves	3
24	202-612	Michele Way @ David Dr.	Main Valves	1
25	202-612	David Dr. @ Villa	4 Main Valves	4
26	202-612	Manda @ Villa	Main Valves	1
27	202-612	Braewick @ Malibu	Fire Hydrant Valve	1
28	202-610	Manda @ Villa	2 Main Valves	2
29	202-610	Laura @ Villa	Main Valve	1
30	202-610	Dew @ Villa	2 Main Valves	2
31	202-610	Montgomery @ Villa	Fire Hydrant Valve	1
32	202-610	Montgomery @ Michelle Way	Main Valve	1
33	202-610	Michelle Way @ Lot 32	Main Valve	1
34	202-614	Crestway @ Waterside	3 Service Valves	3
35	202-614	Waterside @ Gulf Stream	Main Valve	1
36	204-608	Oldham @ Winsford	Main Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 3 of 8

Line #	Plat #	Address	Type	Number Added
37	204-610	Montgomery east of Banbury	Main Valve	1
38	204-610	Montgomery to #15 Well	Main Valve	1
39	204-612	New World @ Whitland	Main Valve	1
40	204-612	Tuxford @ Horwick	Main Valve	1
41	204-612	New World @ Church driveway	Main Valve	1
42	204-612	Buckley Dr.	Main Valve	1
43	204-612	Leyland Dr.	Main Valve	1
44	204-612	New World @ Glen Fair	Main Valve	1
45	204-612	Leyland @ Kirkham	Main Valve	1
46	204-614	Chesterbrook @ New World	Main Valve	1
47	204-616	Bayview @ New World	2 Main Valves	2
48	204-616	Bayview @ Carters Bluff	Main Valves	1
49	206-606	Glen Mist @ Glen Meadows	Main Valve	1
50	206-606	Old Walzem Rd. @ Glen Mont	Main Valve	1
51	206-606	Monte Cristo between Lots 16-17	Main Valve	1
52	206-608	Glen Mont @ Glen Trail	Main Valve	1
53	206-608	Brecon @ Mallow	Main Valve	1
54	206-608	Langsport @ Oldham	2 Main Valves	2
55	206-608	Oldham @ Winsford	1 Main Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 4 of 8

Line #	Plat #	Address	Type	Number Added
56	206-610	Tuxford @ Greenham	1 Main Valve	1
57	206-610	Montgomery @ Winsford	1 Main Valve	1
58	206-610	Glen Shadow @ Glen Mont	1 Main Valve	1
59	206-610	Glen Mont @ Glen Terrace	1 Main Valve	1
60	206-612	Glen Shadow @ Scottswood	1 Main Valve	1
61	206-612	Glen Shadow @ Walnut Trace	1 Main Valve	1
62	206-612	Tuxford @ Glen Fair	2 Main Valve	2
63	206-612	Glen Bluff @ Glen Cliff	1 Main Valve	1
64	206-612	Leyland @ Tuxford	1 Main Valve	1
65	206-614	Chelmsford @ Chesterbrook	1 Main Valve	1
66	206-614	Glen Shadow @ Crestway	1 Main Valve	1
67	206-616	Annandale	Blow Off	1
68	206-616	Miller Rd. east of Misty Ridge	1 Blow Off and 1 Main Valve	2
69	206-616	Fortune Ridge @ Delta Ridge	1 Main Valve	1
70	206-610	Misty Ridge @ School	2 Service Valves	2
71	206-616	Misty Ridge @ Crestway	2 Main Valves	2
72	208-602	Northwest of Walzem Rd.	2 Main Valves	2
73	208-606	Glen Briar @ Glen Croft	Main Valve	1
74	208-610	Glen Heights @ Glen Castle	Main Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 5 of 8

Line #	Plat #	Address	Type	Number Added
75	208-612	Glen Mont @ Walnut Trace	Main Valve	1
76	208-612	Army Retirement Center	13 Main Valves - 2 Blow Offs	15
77	208-614	Army Retirement Center	4 Main Valves	4
78	208-614	Crestway @ Serene Ridge	Main Valve	1
79	208-616	Winter Ridge @ Ridge Fire	Main Valve	1
80	208-616	Frontier Ridge @ Commanche Ridge	Main Valve	1
81	208-616	Kitty Hawk @ Misty Ridge	Main Valve	1
82	210-602	Walzem Rd. @ FM 78	2 Blow Offs - 1 Main Valve	3
83	210-604	Elk Trail	Main Valve	1
84	210-604	Chimney Trail	Main Valve	1
85	210-604	Coral Trail	Main Valve	1
86	210-604	Elm Trail	2 Service Valves	2
87	210-604	Walzem Rd.	Service Valve	1
88	210-606	Longing Trail @ Flower Trail	Main Valve	1
89	210-606	Beech Trail @ Elm Trail	Main Valve	1
90	210-606	Lot 10 Elm Trail	Service Valve	1
91	210-610	Miller Rd. @ Ridge Mile Dr.	Main Valve	1
92	212-602	Beech Trail @ FM 78	Main Valve	1
93	212-604	Sunshine Trail @ Justino Trail	Main Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 6 of 8

Line #	Plat #	Address	Type	Number Added
94	212-604	Sunshine Trail @ Trail Village	Main Valve	1
95	212-604	Sunshine Tower - Lot 20	Main Valve	1
96	212-604	Beech Trail @ Copper Trail	Main Valve	1
97	212-604	Corum Trail	Main Valve	1
98	212-604	Copper Trail Lot 26	Main Valve	1
99	212-604	Beech Trail @ Dove Trail	Main Valve	1
100	212-604	Sunshine Trail @ Beech Trail	2 Main Valves	2
101	212-604	Beech Trail @ FM 78	2 Blow Offs	2
102	212-606	Wayside Trail @ Pepper Trail	Main Valve	1
103	212-606	Sunshine Trail @ Estrid Trail	Main Valve	1
104	212-606	Sunshine Trail @ Reveen Trail	Main Valve	1
105	212-608	Longing Trail near Crestway Rd	Main Valve	1
106	212-608	Wistful Trail	Blow Off	1
107	212-612	Ridge Garden	Main Valve	1
108	212-612	Serene Ridge @ Maple Ridge	Main Valve	1
109	212-612	Crestway Rd.	Blow Off	1
110	214-602	Meadow Ash Dr.	Blow Off	1
111	214-602	Beech Trail @ Falcon Meadow	2 Main Valves	2
112	214-602	Chestnut Meadow @ Falcon Meadow	2 Main Valves	2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 7 of 8

Line #	Plat #	Address	Type	Number Added
113	214-602	Coral Meadow @ Falcon Meadow	2 Main Valves	2
114	214-602	Falcon Meadow	1 Blow Off	1
115	214-602	Coral Meadow Lot 8	Main Valve	1
116	214-602	Chestnut Meadow Lot 13	Main Valve	1
117	214-604	Seldom Trail	Blow Off	1
118	214-604	Estrid Trail	Main Valve	1
119	214-604	FM 78 west of Crestway Rd.	2 Main Valves - 1 Blow Off	3
120	214-604	Haven Meadow	1 Blow Off	1
121	214-608	Donshire @ Elk Glade	Main Valve	1
122	214-608	Elk Glade	Blow Off	1
123	214-608	Donshire @ Chestnut Manor	2 Main Valves - 1 Blow Off	3
124	214-608	Donshire @ Cantura Mills	2 Main Valves - 1 Blow Off	3
125	214-608	Cantura Mills Lot 13	Main Valve	1
126	214-608	Chestnut Manor Lot 35	Main Valve	1
127	216-600	Beech Trail Lot 43	3 Service Valves	3
128	216-600	Beech Trail Lot 45	Main Valve	1
129	216-600	Beech Trail @ Cherly Meadow	1 Main Valve - 1 Blow Off	2
130	216-600	Chestnut Meadow @ Cherly Meadow	4 Main Valves - 2 Blow Offs	6
131	216-600	Coco Meadow	1 Main Valve - 1 Blow Off	2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Line #	Plat #	Address	Type	Number Added
132	216-602	Morning Grove @ Anoga Meadow	3 Main Valves	3
133	216-602	Canoga Meadow @ Beech Trail	2 Main Valves	2
134	216-602	Beech Trail Lot 31	1 Main Valve	1
135	216-602	Chestnut Meadow @ Coral Meadow	2 Main Valves	2
136	216-602	Morning Grove	1 Blow Off	1
137	216-602	Longhorn Ridge @ Rebel Grove	Main Valve	1
138	216-602	Morning Grove @ Canary Meadow	2 Main Valves	2
139	216-602	Canary Meadow Lot 55	Main Valve	1
140	216-604	Morning Grove @ Haven Meadow	Main Valve	1
141	212-606	Crestway Rd.	1 Blow Off - 3 Main Valves	4
142	214-604	Crestway Rd.	Main Valve	1
143	214-606	Crestway Rd.	Main Valve	1
144	202-602	12" Main to #9 Well	Main Valve	1
145	204-604	12" - 16" Main to #9 Well	7 Main Valves	7
146	206-604	16" Main to #9 Well	3 Main Valves	3
147	206-604	Gibbs Sprawl @ Walzem	1 Main Valve - 1 Blow Off	2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
MAIN ADDED TO PLATS / 1994-95
APPENDIX H**

Page 1 of 3

Line #	Plat #	Address	Type	Footage Added
1	194-600	South of Rittiman Rd. east of Thornwood	6" A.C.	400'
2	196-602	Castle Lance between Lots 16 and 17	A.C.	125'
3	198-600	Castle Cross between Castle Hunt and Rittiman Rd.	12" A.C.	500'
4	198-610	Walzem Rd. west of Bentley	6" A.C.	200'
5	200-608	West of Walzem Rd.	8" A.C.	475'
6	200-610	East of Melbury Forest south of Montgomery Dr.	4" A.C.	400'
7	202-602	East of Castle Rose and north of Rittiman Rd.	12", 16", 8" A.C.	2100'
8	202-606	South of Walzem Rd. and west of New World Dr.	A.C.	525'
9	202-612	David Dr. well site west of Littleport Dr.	12" A.C.	145'
10	204-610	Montgomery to #15 well	A.C.	450'
11	204-612	New World fire line to S. John Newmans	6" A.C.	300'
12	204-614	Crestway Rd. west of New World	8" A.C.	300'
13	204-614	New World Dr. north of Chesterbrook	8" A.C.	425'
14	204-616	New World @ Bayview	8" A.C.	150'
15	206-614	Crestway Rd. west of Glen Shadow	12" A.C.	800'
16	206-616	Miller Road	24" CSC	2500'
17	208-604	Northwest of Walzem Rd.	16" A.C.	1800'
18	208-608	Gibbs Sprawl	12" A.C.	725'
19	208-612	Army Retirement Center	A.C.	5500'

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
 MAIN ADDED TO PLATS / 1994-95
 APPENDIX H**

Line #	Plat #	Address	Type	Footage Added
20	208-612	Army Retirement Center	A.C.	700'
21	210-602	Walzem Rd. @ FM 78	16" A.C.	750'
22	210-604	Walzem Rd	1½ Bypass	---
23	210-606	From Gibb Sprawl to Longing Trail	12" A.C.	1150'
24	210-608	Gibbs Sprawl Road	12" A.C.	450'
25	212-604	FM 78 east of Beech Trail	2" P.V.C.	1525'
26	212-606	Elm Trail to Crestway	12" A.C.	600'
27	212-608	Longing Trail to Crestway Rd.	8" A.C.	875'
28	214-602	Beech Trail	12" A.C.	1300'
29	214-602	Chestnut Meadow	8" A.C.	750'
30	214-602	Coral Meadow	6" A.C.	800'
31	214-602	Falcon Meadow	8" A.C.	700'
32	214-604	FM 78 west of Crestway	12" A.C.	1050'
33	214-604	Haven Meadow	6" A.C.	50'
34	214-608	Elk Glade	6" C-900	250'
35	214-608	Chestnut Manor	6" C-900	1200'
36	214-608	Cantura Mills	8" C-900	1200'
37	214-608	Crestway	24" CSC	2000'
38	216-600	Cherly Meadow	8" A.C.	300'

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
 MAIN ADDED TO PLATS / 1994-95
 APPENDIX H**

Line #	Plat #	Address	Type	Footage Added
39	216-600	Beech Trail	12" A.C.	1050'
40	216-600	Chestnut Meadow	8" A.C.	775'
41	216-600	Coco Meadow	6" A.C.	150'
42	216-602	Anoga Meadow	12" A.C.	425'
43	216-602	Beech Trail	12" A.C.	1200'
44	216-602	Chestnut Meadow	8" A.C.	725'
45	216-602	Coral Meadow	6" A.C.	500'
46	212-606	Crestway	24" CSC	50'
47	214-604	Crestway	24" CSC	600'
48	214-604	Crestway	20" A.C.	100'
49	214-606	Crestway	24" CSC	1850'
50	204-604	To #9 Well	16" A.C. - 12" A.C.	2730'
51	206-604	To #9 Well	16" A.C.	625'
52	206-604	Walzem Rd. to Ventura	16" A.C.	850'
53	206-604	Gibbs Sprawl Rd.	? A.C.	370'

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
FIRE HYDRANTS ADDED TO PLATS / 1994-95
APPENDIX I**

Page 1 of 3

Line #	Plat #	Address	Type	Number Added
1	194-600	South of Rittiman and east of Thornwood	With Valve	1
2	196-610	Walzem Rd. west of Bentley	With Valve	1
3	198-608	South east of Walzem Rd. and Bentley	With Valve	1
4	198-610	Walzem Rd. east of Parkercrest	With Valve	1
5	200-608	West of Walzem Rd.	With Valve	1
6	200-610	Montgomery Dr.	With Valve	3
7	200-610	Melbury Forest (a) Robin Forest	With Valve	1
8	202-606	South of Walzem and west of New World	With Valve	1
9	202-608	Mystic Forest (a) Rustic Forest	With Valve	1
10	202-610	Montgomery (a) Janeen	Without Valve	1
11	202-610	Pleasant Forest	With Valve	1
12	202-610	Michele Way Lot 33	With Valve	1
13	204-612	West of New World Dr. (a) St. John Newmans	Without Valve	1
14	204-614	New World (a) Shining Star	With Valve	1
15	206-606	Glen Vista Lot 175	With Valve	1
16	206-606	Glen Shire Lot 46	With Valve	1
17	206-608	Glen Point (a) Glen Mont	With Valve	1
18	206-608	Laguna Norte Lot 79	With Valve	1
19				

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
FIRE HYDRANTS ADDED TO PLATS / 1994-95
APPENDIX I**

Line #	Plat #	Address	Type	Number Added
20	206-616	Glen Shadow @ Glen Mont	With Valve	1
21	208-608	Glen Stone	With Valve	1
22	208-612	Army Retirement Center	8 With Valves	8
23	208-614	Army Retirement Center	2 With Valves	2
24	210-606	Elm Trail Lot 8	With Valve ²	1
25	210-608	Pepper Trail @ Longing Trail	With Valve	1
26	212-606	Wayside Trail Lot 21	With Valve	1
27	212-606	Elm Trail @ Sunshine Trail	With Valve	1
28	212-608	Longing Trail to Crestway Rd.	With Valve	1
29	214-602	Beech Trail @ Falcon Meadow	With Valve	1
30	214-602	Chestnut Meadow Lot 12	With Valve	1
31	214-602	Coral Meadow Lot 7	With Valve	1
32	214-604	FM 78 West of Crestway	2 With Valves	2
33	214-604	Seldon Trail	With Valve	1
34	214-608	Chestnut Manor Lot 35	With Valve	1
35	214-608	Cantura Mills Lot 12	With Valve	1
36	216-600	Beech Trail Lot 4	With Valve	1
37	216-600	Cherly Meadow	With Valve	1
38	216-602	Beech Trail @ Anoga Meadow	With Valve	1

E1550.7 R299 NO.95-04
OCLC# 32603322 95-1109
MICROFICHE



EDWARD^{CO} UNDERGROUND
WATER DISTRICT

REPORT 95-04

LEAK DETECTION / LOCATION SURVEY REPORT

FOR

BEXAR METROPOLITAN WATER DISTRICT

NORTHEAST / NORTHWEST

SAN ANTONIO, TEXAS

MARCH 21, 1994 - FEBRUARY 24, 1995



**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
FIRE HYDRANTS ADDED TO PLATS / 1994-95
APPENDIX I**

Page 1 of 3

Line #	Plat #	Address	Type	Number Added
1	194-600	South of Rittiman and east of Thornwood	With Valve	1
2	196-610	Walzem Rd. west of Bentley	With Valve	1
3	198-608	South east of Walzem Rd. and Bentley	With Valve	1
4	198-610	Walzem Rd. east of Parkerest	With Valve	1
5	200-608	West of Walzem Rd.	With Valve	1
6	200-610	Montgomery Dr	With Valve	3
7	200-610	Melbury Forest <i>a</i> Robin Forest	With Valve	1
8	202-606	South of Walzem and west of New World	With Valve	1
9	202-608	Mystic Forest <i>a</i> Rustic Forest	With Valve	1
10	202-610	Montgomery <i>a</i> Janeen	Without Valve	1
11	202-610	Pleasant Forest	With Valve	1
12	202-610	Michele Way Lot 33	With Valve	1
13	204-612	West of New World Dr. <i>a</i> St. John Newmans	Without Valve	1
14	204-614	New World <i>a</i> Shining Star	With Valve	1
15	206-606	Glen Vista Lot 175	With Valve	1
16	206-606	Glen Shire Lot 46	With Valve	1
17	206-608	Glen Point <i>a</i> Glen Mont	With Valve	1
18	206-608	Laguna Norte Lot 79	With Valve	1
19				

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
FIRE HYDRANTS ADDED TO PLATS / 1994-95
APPENDIX I**

Page 2 of 3

Line #	Plat #	Address	Type	Number Added
20	206-616	Glen Shadow @ Glen Mont	With Valve	1
21	208-608	Glen Stone	With Valve	1
22	208-612	Army Retirement Center	8 With Valves	8
23	208-614	Army Retirement Center	2 With Valves	2
24	210-606	Elm Trail Lot 8	With Valve	1
25	210-608	Pepper Trail @ Longing Trail	With Valve	1
26	212-606	Wayside Trail Lot 21	With Valve	1
27	212-606	Elm Trail @ Sunshine Trail	With Valve	1
28	212-608	Longing Trail to Crestway Rd.	With Valve	1
29	214-602	Beech Trail @ Falcon Meadow	With Valve	1
30	214-602	Chestnut Meadow Lot 12	With Valve	1
31	214-602	Coral Meadow Lot 7	With Valve	1
32	214-604	FM 78 West of Crestway	2 With Valves	2
33	214-604	Seldon Trail	With Valve	1
34	214-608	Chestnut Manor Lot 35	With Valve	1
35	214-608	Cantura Mills Lot 12	With Valve	1
36	216-600	Beech Trail Lot 4	With Valve	1
37	216-600	Cherly Meadow	With Valve	1
38	216-602	Beech Trail @ Anoga Meadow	With Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
FIRE HYDRANTS ADDED TO PLATS / 1994-95
APPENDIX I**

Page 3 of 3

Line #	Plat #	Address	Type	Number Added
39	216-602	Beech Trail Lot 30	With Valve	1
40	216-602	Coral Meadow @ Chestnut Meadow	With Valve	1
41	214-606	24" CSC Main on Crestway	With Valve	2
42	204-604	16" Main to #9 Well	With Valve	1
43	206-604	Gibbs Sprawl Rd.	With Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 1 of 6

Line #	Plat #	Address	Item	Number
1	194-598	Woodbrook	Blow Off #1	1
2	194-598	Stoneshire	Blow Off #15	1
3	196-598	La Colona Lots 64, 21, 20	3 Services	3
4	196-600	Castle Lance @ Castle Prince	Valve #3	1
5	196-600	Castle Path @ Castle Prince	Valve #7	1
6	196-600	Rittiman Rd. Lots 28, 29, 30	3 Services	3
7	196-600	La Colona Lots 27, 26, 25, 61	4 Services	4
8	198-602	Midcrown @ Castle Cross	2 Main Valves #6, #7	2
9	198-608	Main to Camelot Apt.	Main Valve #3	1
10	198-610	Walzem Rd. @ Montgomery Dr.	2 Main Valves #34 1 Blow Off #5	3
11	200-602	Midcrown Lot 132	Main Valve #2	1
12	200-604	Midcrown east of Castle Rose	1 Blow Off #2	1
13	200-610	Montgomery @ Melbury Forest	Main Valve #3 Fire Hydrant A	2
14	200-610	Montgomery @ Walzem Rd.	Main Valve #2	1
15	202-602	Castle Rose Lot 57	Blow Off #4	1
16	202-606	Walzem Rd. east of Windsor Oaks	Blow Off #6	1
17	202-608	Mystic Forest	Main Valve #21	1
18	202-608	Rustic Forest Lots 79, 5	2 Services	2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Line #	Plat #	Address	Item	Number
19	202-608	Quiet Forest Lot 9	1 Service	1
20	202-610	Villa @ Laura	Main Valve #12	1
21	204-606	Tarrasa	Blow Off	1
22	204-606	Tarrasa @ Walzem	2 Blow Off	2
23	204-606	Magic Oaks Lots 22, 21, 20, 19, 18	5 Services	5
24	204-600	New World Dr. Lots 15, 16, 17	3 Services	3
25	204-608	Robin Forest	Blow Off #16	1
26	204-608	Garden Court	Blow Off #28	1
27	204-610	Benhill	Blow Off #5	1
28	204-610	New World north of Montgomery Dr.	Main Valve #13 Blow Off #14	2
29	204-610	Montgomery @ Banbury	Main Valve #2	1
30	204-610	Montgomery east of Tuxford	Fire Hydrant F	1
31	204-612	New World @ Glen Fair	Blow Off	1
32	204-612	Selendine	Blow Off #4	1
33	204-614	Shining Star	Blow Off #13	1
34	204-614	Silver Shadow	2 Blow Offs #7 - #19	2
35	204-616	Carters Bluff Lots 41, 43, 44	3 Services	3
36	204-616	Carters Bluff	Blow Off #3	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 3 of 6

Line #	Plat #	Address	Item	Number
37	204-616	New World @ Vineland	Main Valve #12	1
38	206-606	Glen Mist Lots 1-15	15 Services	15
39	206-608	Montgomery Lots 67-68	2 Services	2
40	206-608	Glen Shire	Blow Off #45	1
41	206-610	Glen Mont south of Glen Shadow	Fire Hydrant 1	1
42	206-610	Glen Mont north of Montgomery	4 Main Valves #24, 25, 26, 27	4
43	206-610	Glen Shadow @ Glen Court	Main Valve #18	1
44	206-612	Carringham	Blow Off #34	1
45	206-612	Glen Fair Lot 40	Blow Off #17	1
46	206-612	Glen Echo	Blow Off #31	1
47	206-612	Glen Breeze	Blow Off #23	1
48	206-612	Glen Cliff	Blow Off #11	1
49	206-614	Dunstable Lot 16	1 Service - 1 Blow Off	2
50	206-616	Misty Ridge lots 25, 26, 27, 28	4 Services	4
51	206-616	Millers Ridge between Crestway and Dunstable	6 Services	6
52	206-608	Brecon	Blow Off #4	1
53	206-608	Laguna Norte	Blow Off #17	1
54	208-604	Northwest of Walzem Rd.	Main Valve	1

**METROPOLITAN WATER DISTRICT / NORTHEAST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 4 of 6

Line #	Plat #	Address	Item	Number
55	208-606	Glen Meadows @ Gibbs Sprawl	Main Valve #13	1
56	208-608	Montgomery Lots 48-49	2 Services	2
57	208-608	Glen Trail @ Glen Mont	Main Valve #15	1
58	208-608	Glen Grove	Blow Off #17	1
59	208-608	Glen Briar Lot 1 north of Glen Haven	Services	1
60	208-610	Glen Post	Blow Off #11	1
61	208-610	Glen Castle	Blow Off #7	1
62	208-610	Glen Fox	Blow Off #5	1
63	208-616	Misty Ridge Lot 21	Service	1
64	208-616	Kitty Hawy @ Misty Ridge	Blow Off #29	1
65	210-606	Beech Trail and Elm Trail Lots 10, 9, 7, 6, 5, 4, 3	7 Services	7
66	210-616	Spruce Ridge Lot 18	Blow Off	1
67	212-602	Beech Trail Lot 21	Service	1
68	212-604	Beech Trail @ FM 78	Main Valve #19	1
69	212-604	Mescal Trail @ Ludlow	Main Valve #9	1
70	212-610	Maple Ridge Lot 63	Main Valve #2	1
71	212-610	Crestway Rd. south of Maple Ridge	Main Valve #9	1
72	212-602	Beech Trail east of Maple Meadow	Main Valve #15	1
73	214-602	Falcon Meadow @ Chestnut Meadow	Blow Off	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 5 of 6

Line #	Plat #	Address	Item	Number
74	214-604	Crestway @ FM 78	Main Valve	1
75	214-606	8002 Grimchester	Service	1
76	214-608	Chestnut Manor Lot 24	Service	1
77	214-610	Crestway @ Gibbs Sprawl	2 Valves - 3 Blow Offs	5
78	216-600	Canary Meadow Lot 54	Main Valve	1
79	216-602	Rebel Grove at Longhorn Ridge	Main Valve #1	1
80	216-602	Flaming Ridge @ Longhorn Ridge	Main Valve	1
81	216-602	Morning Grove @ Canary Meadow	Main Valve	1
82	216-602	Longhorn Ridge Lots 52-60	9 Services	9
83	216-602	Morning Grove Lots 6-10	5 Services	5
84	216-602	Morning Grove @ Longhorn Ridge @ Pool, Playground and Tennis Court	8 Services	8
85	216-606	8254 Brisbane	Service	1
86	216-608	7419 Northalbertan	Service	1
87	200-608	Melbury Forest @ Rustic Forest	2 Valves	2
88	202-610	8122 Green Forest	Blow Off #3	1
89	204-606	7918 New World	Fire Hydrant Valve	1
90	204-606	7934 New World	Main Valve	1
91	206-604	Gibbs Sprawl @ Old Walzem	2 Main Valves	2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 6 of 6

Line #	Plat #	Address	Item	Number
92	204-616	6802 Neston	Main Valve #20	1
93	206-612	8427 Tuxford	Main Valve	1
94	208-612	Army Retirement Center	2 Main Valves	2
95	208-614	Army Retirement Center	MainValve	1
96	210-62	FM 78 @ Walzem Rd.	Blow Off	1
97	210-616	9766 Spruce Ridge	Main Valve #3	1
98	212-608	7533 Foss Meadow	Fire Hydrant Valve A	1
99	210-600	Coco Meadow	Blow Off	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 1 of 5

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Needed</u>
1	194-598	Stoneshire @ Woodcraft	2 Valve Stacks #13, 14	Raise to Grade
2	196-598	Shadow Way	Fire Hydrant Valve B	Repair
3	196-600	La Colona Lot 61	1 Valve Stack	Repair
4	198-602	Castle Yard @ Castle Cross	1 Valve Stack #9	Raise to Grade
5	198-606	Eisenhauer Rd.	1 Valve Stack #7	Raise to Grade
6	200-600	Castle Queen @ Castle Hunt	1 Valve Stack #4	Repair
7	200-602	Castle Mont	Blow Off #20	Raise to Grade
8	200-602	Castle Bridge @ Castle View	Main Valve #18	Raise to Grade
9	200-602	Castle Queen	Blow Off #22	Raise to Grade
10	200-602	Castle Rose Lot 25	Fire Hydrant Valve K	Repair
11	200-608	Windy Forest	Blow Off #3	Raise to Grade
12	202-608	Pine Forest	Blow Off #8	Raise to Grade
13	202-610	Hunter Forest	Blow Off #32	Raise to Grade
14	204-608	Hickory Forest	Blow Off #21	Raise to Grade
15	204-610	Cromer	Blow Off #5	Raise to Grade
16	204-610	Epson	Blow Off #10	Raise to Grade
17	204-610	Woodford	Blow Off #12	Raise to Grade
18	204-610	Reve	Blow Off #23	Raise to Grade
19	204-610	Montgomery Lot TR-13A	Service Valve	Raise to Grade

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 2 of 5

Line #	Plat #	Address	Type	Needed
20	204-612	Leyland Lot 11	Main Valve	Raise to Grade
21	204-612	New World @ Derby	Main Valve #18	Raise to Grade
22	204-612	Silver Shadow	Fire Hydrant Valve D	Raise to Grade
23	206-608	De Palma	Blow Off #1	Raise to Grade
24	206-608	Agua Caliente	Blow Off #4	Raise to Grade
25	206-606	Cerro Bajo	Blow Off #5	Raise to Grade
26	206-608	Glen Trail	Blow Off #33	Raise to Grade
27	206-608	Glen Grove	Blow Off #34	Raise to Grade
28	206-612	Glen Fair @ Glen Shadow	Main Valve #16	Raise to Grade
29	206-614	Chelsea Wood	Blow Off #1	Raise to Grade
30	206-616	Fortune Ridge @ Clipper Ridge	Main Valve #22	Raise to Grade
31	206-616	Annadale	Blow Off	Raise to Grade
32	208-604	Echo Trail	Blow Off #3	Raise to Grade
33	208-604	Branding Trail	Blow Off #2	Raise to Grade
34	208-608	Glen Hill Lot 10	Main Valve #10	Raise to Grade
35	208-608	Glen Hurst	Blow Off #25	Raise to Grade
36	208-612	Serene Ridge @ Moonlit Ridge	Main Valve #14	Raise to Grade
37	208-616	Ridge Post @ Fortune Ridge	Main Valve #2	Raise to Grade
38	208-616	Misty Ash	Blow Off #30	Raise to Grade

**BEJAR METROPOLITAN WATER DISTRICT / NORTHEAST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 3 of 5

Line #	Plat #	Address	Type	Needed
39	208-616	Echo Ridge @ Misty Ridge	Main Valves #20-21	Raise to Grade
40	210-608	Whistler	Blow Off #2	Raise to Grade
41	210-612	Serene Ridge @ Shallow Ridge	Main Valves #10-9	Raise to Grade
42	210-612	Serene Ridge Lot 17	Main Valve #11	Raise to Grade
43	210-616	Spruce Ridge @ Misty Ridge	Main Valve #3	Raise to Grade
44	212-602	Beech Trail @ FM 78	Fire Hydrant Valve A	Raise to Grade
45	212-606	Fallen Trail	Blow Off #23	Raise to Grade
46	214-602	Maple Meadow @ Beech Trail	Main Valve #14	Raise to Grade
47	214-604	FM 78 west of Crestway	2 Fire Hydrant Valves	Raise to Grade
48	214-608	8003 Swindow Circle	Main Valve #10	Raise to Grade
49	216-600	Coco Meadow @ Chestnut Meadow	Main Valve	Raise to Grade
50	210-604	Crestway @ FM 78	Meter Box	Repair
51	216-606	8118 Grinchester	Main Valve #1	Raise to Grade
52	196-600	5634 Castle Prince	Curb Stop	Replacement
53	196-602	4846 Castle Lance	Meter Box	Replacement
54	198-610	5700 Walzem Rd	Fire Hydrant	Trim Bush
55	200-600	4706 Castle Walk	Meter	Broken Glass
56	200-602	4839 Castle Rose	Fire Hydrant Valve K	Raise to Grade
57	202-608	7910 Misty Forest	Meter	Broken Glass

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 4 of 5

Line #	Plat #	Address	Type	Needed
58	202-610	Deer Forest	Blow Off 28	Raise to Grade
59	204-608	8103 Cedar Forest	Valve #27	Nut Broken
60	204-610	Linchouse	Blow Off #28	Raise to Grade
61	206-608	6973 Stockport	Main Valve #22	Raise to Grade
62	206-606	7000 Glen Mist	Main Valve #9	Raise to Grade
63	206-608	7651 Glen Mont	Curb Stop	Replacement
64	206-608	6810 Laguna Norte	Curb Stop	Replacement
65	206-608	7838 Sarepto	Meter Lid	Replacement
66	206-616	7014 Misty Ridge	Main Valve #11	Repair
67	204-612	6503 Leyland	Main Valve #5	Repair
68	206-612	8530 Glen Shadow	Main Valve #12	Raise to Grade
69	206-612	7203 Glen Cross	Meter Lid	Replacement
70	208-608	7310 Glen Arbor	Meter Lid	Replacement
71	208-608	Glen Hurst	Blow Off 25	Raise to Grade
72	208-610	8327 Glen Mont	Main Valve 2	Repair
73	208-612	Army Retirement Center	6 Main Valves 1 Fire Hydrant Valve	Raise to Grade
74	208-614	Army Retirement Center	3 Main Valves	Raise to Grade
75	210-606	7122 Elm Trail	Main Valve #3	Raise to Grade

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 5 of 5

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Needed</u>
76	210-612	8706 Shallow Ridge	Meter Lid	Replacement
77	210-606	8030 Pioneer Trail	Meter Lid	Replacement
78	212-604	8106 Grinchester	Meter Lid	Replacement
79	212-612	7726 Ridge Mist	Meter	Trim Bush
80	212-612	8337 Forest Ridge	Meter Box	Replacement
81	212-612	8503 Maple Ridge	2 Main Valves #7 #8	Repair
82	214-602	6655 Snow Meadow	Meter Lid	Replacement
83	214-602	8002 Chestnut Bar	Main Valve	Raise to Grade
84	214-602	8028 Coral Meadow	2 Main Valves	Raise to Grade
85	214-600	8002 Coco Meadow	Meter Lid	Replacement
86	214-606	7430 Estrid Trail	Meter Lid	Replacement

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CHANGED ON PLAT / 1994-95
APPENDIX I**

Page 1 of 3

Line #	Plat #	Address	Item	Changed
1	196-598	Stoneshire Lot 16	Valve #4	Location
2	196-600	Castle Prince <i>a</i> Castle Sword	Valve #5	Location
3	198-600	Castle Hunt <i>a</i> Castle Cross	Valve #12	Location
4	198-600	Castle Cross between Castle Hunt and Rittiman	Valve #13	Removed
5	198-610	Bentley <i>a</i> Walzem Rd.	Fire Hydrant A	Location
6	200-600	Castle Walk <i>a</i> Castle Hunt	Valve #1	Location
7	200-600	Castle View <i>a</i> Castle Hunt	Valve #3	Location
8	200-600	Robin Forest <i>a</i> Main Forest	Valve #6	Location
9	200-610	Robin Forest <i>a</i> Sleepy Forest	Valve #8	Location
10	202-606	Magic Oaks	Fire Hydrant	Location
11	202-608	Green Forest	Fire Hydrant B	Location
12	202-608	Rustic Forest <i>a</i> Quiet Forest	Valve #5	Location
13	202-610	Pleasant Forest	Valve #22	Location
14	202-610	Sandown <i>a</i> Littleport	Valve #20	Location
15	202-610	Littleport <i>a</i> Montgomery	Valve	Location
16	202-612	David Dr.	Main	Location
17	204-610	Montgomery Dr. <i>a</i> Lot AR13 14 C	Valve #29	Location
18	204-612	Leyland <i>a</i> New World	Valve #6	Location
19	206-606	Glen Meadows <i>a</i> Glen Mont	Valve #16	Location

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CHANGED ON PLAT / 1994-95
APPENDIX L**

Page 2 of 3

Line #	Plat #	Address	Item	Changed
20	206-606	Glen Pass @ Glen Mont	Valve #6	Location
21	206-606	Glen Park @ Glen Mont	Valve #8	Location
22	206-606	Glen Mist @ Glen Mont	Valve #9	Location
23	206-606	Old Walzem @ Glen Mont	Valve #3	Location
24	206-608	Glen Mont north of Farrasa	Main, Main Valves, Tee and Check Valve	Removed
25	206-606	Walzem	Main	Removed
26	208-604	Muler Rd. and Crestway Rd.	24" Main	Size & Material
27	210-606	Longing Trail Lot 2	Fire Hydrant	Location
28	210-612	Crestway Rd.	24" Main	Size & Material
29	210-604	Branding Trail	-----	Street Name
30	212-610	Crestway Rd.	24" Main	Material
31	212-612	Crestway Rd.	24" Main	Size & Material
32	212-602	Snow Meadow Lot 20	Fire Hydrant B	Location
33	214-608	Donshire @ Swindow Circle	Main Valve #7	Location
34	214-608	8026 Manderly	Fire Hydrant D	Location
35	214-610	Crestway	24" Main	Material

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
 CHANGED ON PLAT / 1994-95
 APPENDIX L**

Line #	Plat #	Address	Item	Changed
36	216-602	Morning Grove <i>a</i> Lot 147	Fire Hydrant B Main Valve	Location
37	216-602	Cape Meadow <i>a</i> Celes Meadow	Main Valve #16	Location
38	216-602	Morning Grove <i>a</i> Longhorn Ridge	Fire Hydrant E Main Valve 8	Location
39	216-602	Cape Meadow <i>a</i> Canary Meadow	Main Valve #13	Location
40	216-602	Celes Meadow <i>a</i> Canary Meadow	Main Valve #15	Location

**BEXAR METROPOLITAN WATER DISTRICT / NORTHEAST
CLEANING NEEDED / 1994-95
APPENDIX M**

Page 1 of 1

Line #	Flat #	Address	Item	Number
1	200-602	Castle Pine	Fire Hydrant Valve D	1
2	200-602	Castle View @ Castle Stream	Valve #6-7	2
3	206-606	Glen Shire	F.H. Valve	1
4	208-608	Glen Hill Lot 11	Fire Hydrant D	1
5	208-610	Glen Heights @ Glen Mont	Main Valve #2-	1
6	208-612	Ridge Mile to Miller Rd.	Main Valve #7	1
7	210-608	Longing Trail @ Corona Ridge	Main Valve #8	1
8	210-616	Spruce Ridge Lot 18	Main Valve	1
9	208-618	7338 Mystery Ridge	Main Valve #17	1
10	210-604	8002 Coral Ridge	Fire Hydrant Valve	1
11	212-604	8032 Sunshine Trail	Main Valve #17	1
12	204-610	8115 Cedar Forest	Blow Off #19	1
13	206-612	8711 Kentsdale	Fire Hydrant Valve J	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 1 of 2

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
1	3/21	1302 Billings	720	3/21	Corporation	3/21
2	3/21	1310 Temple Square	360	3/23	Corporation Coupling	3/23
3	3/22	10026 Prescott	720	3/23	Longhorn	3/23
4	3/22	Potranco @ Ellison Dr	1920	3/23	Corporation Coupling	3/23
5	3/25	8718 Adams Hill	9648	3/28	Service	3/28
6	4/4	9638 Vale Dr	120	4/6	Leak	4/6
7	4/22	215 Saddlebrook	120	4/22	Corporation Coupling	4/22
8	4/29	835 Tibbits	360	5/3	Corporation Coupling	5/3
9	4/29	1203 Temple Square	120	5/3	Corporation Coupling	5/19
10	4/19	1106 Temple Square	120	5/5	Corporation Coupling	5/19
11	4/18	1307 Temple Square	120	5/25	Corporation Coupling	5/19
12	4/18	1227 Temple Square	360	5/25	Corporation Coupling	5/19
13	4/12	1203 Bay Horse	693	5/25	Corporation Coupling	5/19
14	4/21	1302 Tideland	120	5/25	Corporation Coupling	5/19
15	4/21	1302 Whiterock	120	5/5/94	Corporation Coupling	5/19
16	4/21	1218 Billings	8.6	4/29	Corporation Coupling	5/19
17	4/21	10219 Harvest Time	120	5/24	Corporation Coupling	5/27
18	4/19	1103 Bay Horse	8.6	4/27	Corporation Coupling	5/19
19	5/22	1306 Temple Square	120	5/22/94	Coupling Washer	5/22

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
SERVICE LEAK LIST / 1994-95**

APPENDIX A

Page 2 of 2

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
20	6/20	1042 Frost Fire	360	Unknown	Corporation Washer	
21	6/23	1074 Honeytree	180	Unknown	Corporation Coupling	8/22
22	6/27	9535 Millbrook	120	7/11	Corporation Coupling	7/12
23	7/1	9614 Quicksilver	120	7/11	Corporation Coupling	7/12
24	11/30	2007 Harpers Ferry	720	9/30	Corporation Coupling	9/30
25	10/7	9422 Shields	360	10/7	Flare Leak	10/7
26	10/7	9414 Shields	720	10/7	Flare Leak	10/7
27	1/4	9934 Birchfield	360	1/10	Service Clamp	1/12
28	1/17	11402 Gold Point	384	1/20	Corporation Coupling	1/20

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
 MAIN LEAK LIST / 1994-95
 APPENDIX B**

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Loss G.P.D.</u>	<u>Date Repaired</u>	<u>Comments</u>	<u>R/C Date</u>
1	3/23	165 Autumn Village	25,704	3/24/94	Separated Pipe	3/24
2	3/23	128 Autumn Village	34,272	3/24/94	Separated Pipe	3/24
3	5/3	1302 Lawrence Dr	12,096	5/19/94	Split	5/19
4	8/16	Hunt Lane @ Heritage Farm Dr	2,880	8/16/94	Coupling Leak	8/10
5	9/7	8718 Dale Valley	5,184	9/14	1/2 Crack	9/14
6	9/7	8726 Easy Valley	2,736	9/15	Loose Clamp	9/15
7	10/7	9450 Stone River	7,200	10/7	Loose Clamp	10/7
8	9/29	115 West Glen	21,600	10/2	Coupling Leak	10/13
9	1/19	9826 Marbach Rd.	1,440	1/30	Coupling Leak	1/30
10	2/10	Ash Hollow @ Buffalo Pass			Abandoned Main	

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
FIRE HYDRANT LEAK LIST / 1994-95
APPENDIX C**

Page 1 of 1

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
1	7/13	11346 Cedarbend	360	8/22	Resealed	8/22
2	8/15	Horal Dr.	360	12/27	First Hydrant off Marbach Rd.	1-3
3	8/16	Potranco east of 1604	360	12/8	Resealed	1-23
4	11-21	10206 Brad Field				
5	1-4	9934 Echo Plain	360	1-18	Repaired	1-20
6	1-4	9943 Misty Plain	360	1-18	Repaired	1-20
7	2-8	Skull Valley Lot 70	120	1-20	Repaired	1-20

BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
VALVE LEAK LIST / 1994-95

APPENDIX D

Page 1 of 1

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
1	4/19	1219 Temple Square	2,880	5/3/94	Leak around Bonnett	5/19
2	7/14	Sugar Loaf @ Dugas	8.6	8/15	Blow Off Valve Passing	8/22
3	8/10	Hunt Lane	12.9	11/17	Blow Off Valve Passing	11/21

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
METER BOX LEAK LIST / 1994-95**

APPENDIX E

Page 1 of 4

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
1	4/1	1325 Bitterlake	4.3	4/7	Curb Stop Flare	5/19
2	4/1	914 Simplicity Dr.	4.3	4/7	Inlet Washer	5/19
3	4/6	1115 Charing Dr.	4.3	4/7	Inlet Washer	5/19
4	4/6	1147 Charing Dr.	4.3	4/11	Inlet Washer	5/19
5	4/7	1135 Klondike	8.6	4/21	Inlet Washer	5/19
6	5/19	10586 Bounty Drive	4.3	4/21	Flare	5/19
7	4/14	1302 Ellison Drive	2.1	5/3	Washer	5/19
8	4/14	1203 Ellison Drive	4.3	5/3	Washer	5/19
9	4/14	1323 White Rock	4.3	5/16	Curb Stop	5/19
10	5/3	10586 Bounty	8.6	5/16	Curb Stop	5/19
11	5/4	10303 Appomattox Drive	12.9	5/23	Washer	5/23
12	5/4	10406 Harbor Springs	4.3	6/2	Curb Stop	6/2
13	5/6	1031 Warden Dr.	4.3	5/13	Curb Stop	5/13
14	5/23	1018 Erieson Drive	4.3	5/27	Washer	5/27
15	5/23	1059 Forest Fire	12.9	5/23	Curb Stop	5/23
16	5/23	9414 Bear Creek	4.3	5/23	Inlet Washer	5/23
17	6/14	835 Robinair	4.3	7/11	Curb Stop	7/11
18	6/14	818 Robinair	2.1	7/11	Outlet Washer	7/11
19	7/11	711 Cypressfield	2.1	7/11	Inlet Washer	7/11

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
METER BOX LEAK LIST / 1994-95**

APPENDIX E

Page 2 of 4

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
20	7/11	Potranco @ Dugas	120	7/14	Curb Stop	7/14
21	7/14	807 Saddlebrook	2.1	8/24	Outlet Washer	8/24
22	7/14	9714 Bear Creek	4.3	8/24		8/24
23	8/15	Texaco Station on Loop 410	12.9	8/24	Inlet Washer	8/24
24	8/22	10310 Oldfarm	4.3	8/24	Inlet Washer	8/24
25	8/10	Shamrock Station Marbach-Hunt Lane	12.9	9/12	Inlet Washer	9/12
26	9/2	8622 Bravo Valley Dr	24.0	9/12	Curb Stop	9/12
27	9/2	8826 Bravo Valley Dr	12.9	9/12	Outlet Washer	9/12
28	9/2	8834 Bravo Valley Dr	12.9	9/12		9/12
29	9/2	8706 Adams Hill Dr	12.9	9/12		9/12
30	9/27	2119 Harpers Ferry	12.9	1/11		1/11
31	9/27	9710 Adams Hill Dr	12.9	10/3	Inlet Washer	10/3
32	9/27	2122 Fort Sumter	4.3	10/3	Outlet Washer	10/3
33	9/28	7118 Cross Key	8.6	10/3	Outlet Washer	10/3
34	9/29	9607 Caney Creek	4.3	10/3	Inlet Washer	10/3
35	10/20	134 West Trail	1.3	10/20	Inlet Washer	10/30
36	10/20	235 West Trail	8.6	10/20	Inlet Washer	10/20
37	10/20	183 West Mill	8.6	10/20	Inlet Washer	10/20

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
METER BOX LEAK LIST / 1994-95
APPENDIX E**

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
38	12/2	9807 Little Laurie	8.6	1/11	Curb Stop	1/11
39	1/5	10019 Raven Field	12.9	1/11	Curb Stop	1/11
40	1/5	Misty Plain @ Moss Plain	12.9	1/11	Curb Stop	1/11
41	1/5	Marble Glade Lot 43	24	1/25	Curb Stop	1/25
42	1/17	11407 Gold Point	4.3	1/25	Inlet Washer	1/25
43	1/17	11435 Pine Mesa	12.9	1/25	Inlet Washer	1/25
44	1/30	3103 Smoke Creek	8.6	2/23	Inlet Washer	2/23
45	1/30	11415 Big Elk	12.9	1/30	Curb Stop	1/30
46	1/30	11451 Big Elk	25.8	2/14	Inlet Washer	2/14
47	1/30	11439 Fort Wyne Drive	12.9	2/14	Inlet Washer	2/14
48	1/31	3315 Crow Lodge	8.6	2/2	Inlet Washer	2/10
49	2/6	11418 Bald Eagle	8.6	2/9	Inlet Washer	2/10
50	2/6	11435 Bald Eagle	4.3	2/9	Inlet Washer	2/10
51	2/8	2014 Skull Valley	12.9	2/16	Curb Stop	2/10
52	2/8	1922 Skull Valley	12.9	2/16	Curb Stop / Inlet Washer	2/10
53	2/8	1902 Skull Valley	8.6	2/16	Curb Stop	2/10
54	2/8	1915 Skull Valley	8.6	2/16	Curb Stop	2/10
55	2/13	11310 Gunlock	4.3	2/21	Curb Stop	2/21

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
METER BOX LEAK LIST / 1994-95
APPENDIX E**

Page 4 of 4

Line #	Date	Address	Loss G.P.D.	Date Repaired	Comments	R/C Date
56	2-13	2035 Muddy Peak	8.6	2-21	Curb Stop	2/21
57	2-13	2119 Muddy Peak	4.3	2-21	Inlet Washer	2/21
58	2-13	2127 Muddy Peak	8.0	2-21	Curb Stop	2/21
59	2-10	11349 Hatchet Pass	2.1	2-24	Inlet Washer	2/24

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CUSTOMER SIDE LEAK LIST / 1994-95
APPENDIX F**

Page 1 of 7

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Comments</u>
1	3/21	9419 Treehaven	Door Tag
2	3/21	10238 Prescott Dr.	Door Tag
3	3/21	9115 Five Forks	Door Tag
4	4/4	1314 Coldwater Dr	Door Tag
5	4/4	9726 Vale Dr.	Door Tag
6	3/31	1422 Ashmore	Door Tag
7	3/31	9611 Vale Dr.	Door Tag
8	3/31	9508 Simplicity Dr	Door Tag
9	3/31	9706 Bratton Dr.	Door Tag
10	3/31	9611 Bratton Dr.	Door Tag
11	4/1	1307 Coldwater Dr.	Door Tag
12	4/1	1311 Coldwater Dr	Door Tag
13	4/1	1342 Bitterlake Dr.	Door Tag
14	4/1	1329 Bitterlake Dr.	Door Tag
15	4/1	1318 Bayou Dr.	Door Tag
16	4/1	1362 Bayou Dr.	Door Tag
17	4/1	1327 Bayou Dr.	Door Tag
18	4/4	1229 Churing Dr.	Door Tag
19	4/4	1225 Churing Dr.	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CUSTOMER SIDE LEAK LIST / 1994-95**

APPENDIX F

Page 2 of 7

Line #	Date	Address	Comments
20	4/4	1211 Churing Dr.	Door Tag
21	4/6	1118 Longmont Dr.	Door Tag
22	4/6	1115 Longmont Dr.	Door Tag
23	4/6	1302 Longmont Dr.	Door Tag
24	4/6	1327 Longmont Dr.	Door Tag
25	4/7	1330 Klondike Dr.	Door Tag
26	4/7	1325 Klondike Dr.	Door Tag
27	4/7	1305 Klondike Dr.	Door Tag
28	4/19	1211 Rio Linda Dr.	Door Tag
29	4/14	1306 Ellison Dr.	Door Tag
30	4/14	1206 Ellison Dr.	Contacted
31	4/19	1103 Bayhorse Dr.	Door Tag
32	4/26	1210 Ellison Dr.	Contacted
33	4/25	1323 Temple Square	Door Tag
34	4/2	1302 White Rock Dr.	
35	4/21	1203 Tideland Dr.	
36	4/21	1234 Tideland Dr.	
37	5/3	10574 Bounty Dr.	
38	5/3	10578 Bounty Dr.	

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CUSTOMER SIDE LEAK LIST / 1994-95**

APPENDIX F

Page 3 of 7

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Comments</u>
39	5/3	1243 Gen Bragg Dr.	Door Tag
40	5/3	10503 Braddock	Door Tag
41	5/4	10542 Braddock	Contacted
42	5/4	1331 Caven Tr.	Door Tag
43	5/4	1327 Caven Tr.	Door Tag
44	5/4	10210 Prescott Dr.	Door Tag
45	5/4	10238 Prescott Dr.	Vacant House
46	5/6	1015 Warden Dr.	Door Tag
47	5/9	10426 Aristocrat Dr.	Door Tag
48	5/23	1030 Mercer Dr	Contacted
49	5/23	10618 Louisburg	Door Tag
50	5/23	1026 Echo Bluff	Door Tag
51	5/23	1030 Echo Bluff	Door Tag
52	5/23	9827 Heritage Farm	Door Tag
53	5/23	1031 Hickory Trail	Door Tag
54	6/3	1035 Hickory Trail	Door Tag
55	6/3	9419 Tree Haven	Door Tag
56	6/3	9530 Gold Hill Dr.	Door Tag
57	6/3	9527 Bear Creek Dr.	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CUSTOMER SIDE LEAK LIST / 1994-95**

APPENDIX F

Page 4 of 7

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Comments</u>
58	6/3	9602 Quicksilver Dr.	Door Tag
59	6/3	274 Burlington Dr.	Contacted
60	6/3	230 Dirschell Dr.	Door Tag
61	6/3	9806 Mill River	Contacted
62	6/3	926 Hayloft Dr.	Door Tag
63	6/3	823 Blue Astor Dr.	Door Tag
64	7/5	634 Cypressgreen Dr.	Door Tag
65	7/5	738 Cypressfield Dr.	Door Tag
66	7/5	717 Cypressgreen Dr.	Door Tag
67	7/5	703 Cypresshill Dr.	Door Tag
68	7/5	810 Big Sky Dr.	Door Tag
69	7/5	719 Cypressfield Dr.	Door Tag
70	8/22	10122 Cedarvale Dr.	Door Tag
71	8/22	10118 Cedarvale Dr.	Door Tag
72	8/22	10351 Granary	Door Tag
73	8/15	Firestone on Loop 420	Contacted
74	8/15	Cable Ranch @ Marbach Rd.	Sprinkler-Contacted
75	8/16	2115 Madison Falls	Door Tag
76	9/2	8706 Angel Valley Dr.	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
 CUSTOMER SIDE LEAK LIST / 1994-95
 APPENDIX F**

Page 5 of 7

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Comments</u>
77	9/2	8619 Bravo Valley Dr.	Door Tag
78	9/2	8707 Bravo Valley Dr.	Door Tag
79	9/2	8715 Bravo Valley Dr.	Door Tag
80	9/2	8719 Bravo Valley Dr.	Door Tag
81	9/2	8803 Bravo Valley Dr.	Door Tag
82	9/2	8730 Cape Valley Dr.	Door Tag
83	9/7	8619 Dale Valley Dr.	Contacted
84	9/7	8815 Easy Valley Dr.	Door Tag
85	9/27	8803 Flint Valley Dr.	Door Tag
86	9/27	9610 Five Forks Dr.	Door Tag
87	9/27	9114 Five Forks Dr.	Door Tag
88	9/27	1834 Fort Henry	Door Tag
89	9/27	9123 Port Hudson	Door Tag
90	9/27	1914 Harper Ferry	Door Tag
91	9/27	1918 Harper Ferry	Door Tag
92	9/27	2107 Harper Ferry	Contacted
93	9/28	9403 Stone River	Contacted
94	9/28	9614 Berryville	Door Tag
95	9/28	9207 Berryville	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CUSTOMER SIDE LEAK LIST / 1994-95**

APPENDIX F

Page 6 of 7

Line #	Date	Address	Comments
96	10/13	1823 Fort Henry	Door Tag
97	1/26	251 West Glen Dr	Door Tag
98	9/30	121 Westrail Dr	Door Tag
99	9/29	10215 Brad Field	Door Tag
100	1/5	2815 Fisher Field Dr.	Door Tag
101	1/10	9942 Misty Plann.	Contacted
102	1/17	11511 Hatchett Pass	Contacted
103	1/17	11442 Hatchett Pass	Contacted
104	1/17	11422 Hatchett Pass	Contacted
105	1/17	11435 Pine Mesa	Door Tag
106	1/26	11422 Turkey Flat	Door Tag
107	1/30	1150 Bear Springs Dr.	Door Tag
108	1/31	3315 Crow Lodge	Door Tag
109	2/8	2127 Skull Valley Dr	Door Tag
110	2/8	11310 Gunlock Trail	Door Tag
111	2/8	2131 Muddy Peak Dr	Door Tag
112	2/9	11347 Fish Springs	Door Tag
113	2/9	11354 Fish Springs	Door Tag
114	2/10	11406 Bald Mountain	Door Tag

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CUSTOMER SIDE LEAK LIST / 1994-95**

APPENDIX F

Page 7 of 7

<u>Line #</u>	<u>Date</u>	<u>Address</u>	<u>Comments</u>
115	2/8	2207 Muddy Peak Dr.	Door Tag
116	2/8	2206 Muddy Peak Dr.	Door Tag
117	2/9	11303 Jarbo Pass	Contacted
118	2/9	11307 Jarbo Pass	Contacted
119	2/10	11334 Bald Mountain	Contacted

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
VALVES ADDED TO PLATS / 1994-95**

APPENDIX G

Page 1 of 4

Line #	Plat #	Address	Type	Number Added
1	110-576	Westlakes Mall	5 Service Valves, 1 Main Valve	6
2	110-576	Marbach	Fire Hydrant Valve	1
3	110-576	Marbach	2 Main Valves, 1 Backflow Preventor	3
4	110-574	Front of shopping center near Loop 410	2 Service Valves, 1 PRV, 4 Main Valves	7
5	110-574	Westpond @ Columbia	Fire Line Valve	1
6	110-574	Columbia	Main Valve	1
7	108-576	Marbach west of Floral	Main Valve	1
8	108-576	Cable Ranch	Service Valve	1
9	108-574	Floral north of Angel Valley	4 Main Valves, 1 PRV	5
10	108-574	Serene Valley @ Cape Valley	Main Valve	1
11	106-574	Hunt Lane	Main Valves	2
12	104-580	Hunt Lane	Main Valves	2
13	104-580	Sugarloaf @ Saddlebrook	Main Valve	1
14	104-580	Sugarloaf @ Sawtooth	Main Valve	1
15	104-580	Bear Creek Lot 44	Main Valve	1
16	104-578	Hunt Lane	Main Valves	2
17	104-578	Heritage Farm @ Sawtooth	Main Valve	1
18	104-576	Autumn Village	Blow Off	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
VALVES ADDED TO PLATS / 1994-95
APPENDIX G**

Page 2 of 4

Line #	Plat #	Address	Type	Number Added
19	104.572	Adam Hill Dr. <i>a</i> Mossy Creek	Main Valve	1
20	104.572	San Lucas Dr. <i>a</i> Adam Hill Dr.	Main Valve	1
21	102.582	Emerald Glade <i>a</i> Potranco	Main Valve	1
22	102.582	Sugarloaf	3 Lots	1
23	102.582	Sugarloaf <i>a</i> Dugas	Blow Off	1
24	102.580	Morning Oak <i>a</i> Thoredike	Main Valve	1
25	102.580	Saddlebrook <i>a</i> Bear Creek	Main Valves	2
26	102.578	Heritage Farm Dr. Lot 24	Main Valve	1
27	102.578	Marbach Rd	7 Main Valves	7
28	102.574	Five Forks <i>a</i> Ellison	1 PRV, 2 Main Valves	3
29	102.572	Ellison <i>a</i> #14 Well	Main Valve	1
30	102.570	Ivy Plain <i>a</i> Broad Plain	Main Valve	1
31	102.566	Kriewald Rd	Main Valve	1
32	100.580	Ellison Dr.	Main Valve	1
33	100.580	Cederbend <i>a</i> Cypressbrook	Main Valve	1
34	100.580	Granary <i>a</i> Trappers Run	Main Valve	1
35	100.580	Trappers Run <i>a</i> Medallion	Main Valve	1
36	100.580	Dugas <i>a</i> Rolling Rock	Main Valve	1
37	100.5	Lideland Lot 11	Main Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
VALVES ADDED TO PLATS / 1994-95**

APPENDIX G

Page 3 of 4

Line #	Plat #	Address	Type	Number Added
38	100-576	Marbach Rd.	4 Main Valves	4
39	100-566	Westwich <i>a</i> Westgrant	Main Valve	1
40	098-582	Coral Village	Main Valve	1
41	098-580	Fillmore to Coral Village	Main Valve	1
42	098-578	Bridle Forest <i>a</i> Echo Bluff	Main Valve	1
43	098-578	Lafferty Oaks <i>a</i> Louisburg	Main Valve	1
44	098-578	Louisburg <i>a</i> Fillmore	Main Valve	1
45	098-576	Marbach Rd	2 Main Valves	2
46	108-572	Horai <i>a</i> Adams Hill	Main Valve	1
47	106-572	Adams Hill east of Hunt Ln.	Main Valve	1
48	096-580	Arrowhead <i>a</i> Tippecanoe	Main Valve	1
49	096-578	Flower Forest <i>a</i> Louisburg	Main Valve	1
50	096-572	Muddy Peak <i>a</i> Gunlock Tr	Main Valve	1
51	090-570	Muddy Peak <i>a</i> Fish Springs	Main Valve	1
52	096-570	Pue Rd east of Muddy Peak	Blow Off	1
53	096-568	Jarbo Pass <i>a</i> Mud Lake	Main Valve	1
54	096-564	Indian Wells <i>a</i> Tehama Lane	Main Valve	1
55	094-572	Pue Rd <i>a</i> Skull Valley	2 Main Valves	2
56	094-570	Skull Valley	3 Service Valves	3

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
VALVES ADDED TO PLATS / 1994-95**

APPENDIX G

Page 4 of 4

Line #	Plat #	Address	Type	Number Added
57	094.570	Bear Springs @ Rifle Gap	Main Valve	1
58	094.570	Bear Springs @ Cedar Corral	Main Valve	1
59	094.570	Between Marbach & Black Fox	2 Main Valves	2
60	094.570	Marbach Rd. northeast of Bear Springs	Main Valve	1
61	094.570	Marbach Rd. @ Buffalo Pass	1 Main Valve, 2 Blow Offs	3
62	094.570	Bear Springs @ Pump Station	Main Valve	1
63	094.568	Colusa @ Buffalo Pass	2 Main Valves	2
64	094.568	Big Mesa @ Bear Springs	Main Valve	1
65	094.566	Big Mesa	Fire Hydrant Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
 MAIN ADDED TO PLATS / 1994-95
 APPENDIX H**

Page 1 of 2

Line #	Plat #	Address	Type	Number Added
1	108 574	Horal north of Angel Valley	12" A.C.	450'
2	106 574	Hunt Lane	12" A.C.	640'
3	104 582	Hunt Lane	9" A.C.	1480'
4	104 580	Hunt Lane	9" A.C.	820'
5	102 576	Marbach Rd.	12" A.C.	500'
6	102 576	Marbach Rd.	8" A.C.	900'
7	102 576	Marbach Rd.	8" DI	450'
8	102 576	Marbach Rd.	Fireline	200'
9	100 576	Marbach Rd.	12" A.C.	2125'
10	100 576	Marbach Rd.	8" DI	765'
11	098 582	Coral Village to Fillmore	12" A.C.	375'
12	098 580	Fillmore to Coral Village	12" A.C.	2'
13	098 576	Marbach Rd.	12" A.C.	1650'
14	098 576	Marbach Rd.	8" A.C.	300'
15	110 572	Between Loop 410 and Horal	12" A.C.	900'
16	108 572	Between Loop 410 and Horal	12" A.C.	575'
17	094 568	Big Mesa	6"	50'
18	094 568	Buffalo Pass	8"	450'
19	094 568	Colusa	6"	350'

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
MAIN ADDED TO PLATS / 1994-95
APPENDIX H**

Page 2 of 2

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Number Added</u>
20	094.568	Westward	6"	500'
21	094.568	Big Mesa	"	130'
22	092.572	Buffalo Pass north of Marbach	10" A.C.	380'

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
FIRE HYDRANTS ADDED TO PLATS / 1994-95**

APPENDIX I

Page 1 of 2

Line #	Plat #	Address	Type	Number Added
1	110.576	Marbach	With Valve	1
2	110.574	Columbia	With Valve	1
3	108.576	Marbach	With Valve	1
4	108.574	Flint Valley @ Horal	With Valve	1
5	106-574	Hunt Lane	With Valve	2
6	104.582	Hunt Lane	With Valve	3
7	104.572	Mossy Creek @ Fort Stanley	With Valve	1
8	102.580	Rolling Rock Lot 11	With Valve	1
9	102.578	Klondike	With Valve	1
10	102.578	Longmont	With Valve	1
11	102.578	Churing	With Valve	1
12	102.576	Marbach Rd.	With Valve	3
13	102.574	Ellison north of Five Forks	With Valve	1
14	102.570	Amber Glade	With Valve	1
15	100.580	Cypressgreen Lot 78	With Valve	1
16	100.580	Cedarbend @ Dugas	With Valve	1
17	100.578	Hayloft Lot 1	With Valve	1
18	100.578	Mercer	With Valve	1
19	100.576	Marbach Rd.	2 With Valves, 1 Without Valve	3

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
 FIRE HYDRANTS ADDED TO PLATS / 1994-95
 APPENDIX I**

Line #	Plat #	Address	Type	Number Added
20	100.576	Echo Plain Lot 28	With Valve	1
21	098.578	Cherry Laurel Lot 64	With Valve	1
22	098.578	Louisburg @ Ericson	With Valve	1
23	098.576	Marbach Rd.	With Valve	1
24	098.570	Raven Field Lots 39-40	With Valve	1
25	096.580	Arrowhead @ Tippiereanoe	With Valve	1
26	094.568	Big Mesa	With Valve	1
27	094.570	Marbach northeast of Bear Springs	With Valve	1
28	094.570	Buffalo Pass between Marbach and Ash Hollow	With Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 1 of 6

Line #	Plat #	Address	Type	Number Added
1	110.574	Columbia	Blow Off #1	1
2	108.578	Cable Ranch @ Waters Edge	Valve #1	1
3	108.576	Horl @ HEB driveway	Valve #7	1
4	108.576	Marbach Rd.	Fire Hydrant Valve H	1
5	108.576	Marbach Rd.	Valve #15	1
6	108.574	Serene Valley @ Angel Valley	Blow Off #1	1
7	108.574	Flint Valley Lots 10, 11, 12	3 Services	3
8	108.572	Horl @ SAWS tie-in	Valve #10	1
9	106.578	Ingram Rd.	2 Services	2
10	106.578	Villa Lago Dr.	Blow Off #1	1
11	106.574	Five Forks Lots 20, 21, 22	3 Services	3
12	106.572	Wilson Creek Lot 1	Service	1
13	106.572	Adams Hill Dr. Lot 13	Service	1
14	104.582	Burlington @ Dirschell	Valve #1	1
15	104.580	Sawtooth @ Bear Creek	Valve #17	1
16	104.580	Sawtooth Lots 26, 27, 28	3 Services	3
17	104.580	Sugarloaf @ Sawtooth	Valve #8	1
18	104.578	Sand Harbor	Blow Off #4	1
19	104.578	Snowhill	Blow Off #10	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 2 of 6

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Number Added</u>
20	104.578	Old Wagon	Blow Off #11	1
21	104.578	Sawtooth Lot 48-49	2 Services	2
22	104.576	Boling Brook	Blow Off #7	1
23	104.576	Autumn Village Lot 201	Service	1
24	104.572	Fort Donelson @ Five Forks	Valve #4	1
25	104.574	Five Forks Lot P-4F	Service	1
26	104.572	Adams Hill Dr. Lots 1, 2, 3, 4, 5	5 Services	5
27	104.564	US Hwy 90	Valve #1, Blow Off #2	2
28	102.582	Emerald Glade	2 Services	2
29	102.580	Robinair Dr.	Blow Off #9	1
30	102.578	Cascade Valley	Blow Off #11	1
31	102.578	Heritage Farm Dr. Lot 23	Fire Hydrant Valve E	1
32	102.578	Churing	Blow Off 31	1
33	102.578	Heritage Farm Dr. @ Saddlebrook	Valve #5	1
34	102.576	Churing @ Bratton	3 Services	3
35	102.576	Churing	Valve #24	1
36	102.576	Ellison @ Kents Store	Valve #6	1
37	102.574	9822 Five Forks	Service	1
38	102.574	Five Forks @ Ellison	Valve #3	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 3 of 6

Line #	Plat #	Address	Type	Number Added
39	102.574	Ellison	Blow Off #9	1
40	102.570	9700-9600 Blocks of Misty Plain	13 Services	13
41	102.570	Frost Plain	15 Services	15
42	102.570	Green Plain	51 Services	61
43	102.570	Sunset Glade	10 Services, Main and Blow Off	11
44	102.570	2931 Broad Plain	Service	1
45	102.566	Westwich Lots 62-63	2 Services	2
46	102.564	Westmill Lots 34-33	2 Services	2
47	100.580	Ellison @ Dugas	Fire Hydrant Valve E	1
48	100.580	Big Sky	Blow Off #12	1
49	100.580	Thrasher	Blow Off #9	1
50	100.580	Little Angel	Blow Off #25	1
51	100.580	Dugas between Big Sky & Thrasher	Valve	1
52	100.580	Blue Astor	Blow Off #32	1
53	100.578	Temple Square @ Bay Horse	Valve #4	1
54	100.578	Country Corner	Blow Off #12	1
55	100.578	Old Forest	Blow Off #17	1
56	100.576	Bay Horse Lot 9	Valve #12	1
57	100.576	Bay Horse @ Prescott	Valves #9-11	2

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 4 of 6

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Number Added</u>
58	100.576	Prescott @ Cavern Tr.	Valve #3	1
59	100.570	9700 block of Misty Plain	19 Services	19
60	100.570	Frost Plain	15 Services	15
61	100.570	Green Plain	9 Services	9
62	100.570	Sandy Field @ Fisher Field	Fire Hydrant Valve #2	1
63	100.564	US Hwy 90	Valve #2	1
64	098.582	Fillmore @ Potranco	Blow Off #2	1
65	098.580	Medallion	Blow Off #19	1
66	098.580	Eagle Fox	Blow Off #12	1
67	098.578	Louisburg @ Ferdinand	Valve #30	1
68	098.578	Louisburg @ Ericson	Valve #28	1
69	098.570	Raven Field	Blow Off #1	1
70	098.570	Coral Field @ Raven Field	Valve #6	1
71	098.568	Misty Plain	Blow Off #3	
72	096.578	Dugas	Blow Off	
73	096.578	Lafferty Oaks	Blow Off #6	1
74	096.576	Gen. Bragg @ Bounty Dr.	Valve #1	1
75	098.576	Marbach Rd.	2 Valves, 1 Fire Hydrant	3
76	102.572	Ellison Dr. @ #14 Well	Valve #20	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 5 of 6

Line #	Plat #	Address	Type	Number Added
77	106.578	Ingram Rd. between Hunt Ln and Water Edge	2 Services	2
78	106.572	Gaines Mill	Blow Off #7	1
79	104.572	San Lucas	Blow Off #8	1
80	102.576	Kents Store	Fire Hydrant Valve C	1
81	100.580	Dugas @ Cedarbend	Main Valve #26	1
82	100.570	Quiet Plain Lot 6	Service	1
83	096.582	Potranco Rd.	Main Valves #1,2	2
84	096.578	General Bragg @ Bounty	Main Valve #1	1
85	096.570	Pue Rd. @ Raven Field	Main Valve #19	1
86	096.570	Raven Field	2 Blow Offs	2
87	096.570	Muddy Peak Lot 3	Service	1
88	096.570	Muddy Peak between Crescent Peak and Bald Mountain	Main Valve #2	1
89	096.568	Hatchet Pass Lot 33	Fire Hydrant Valve B	1
90	096.568	Bear Springs Lot 25	Service	1
91	096.568	Fort Wyne Lot 112	Service	1
92	096.566	Opal Field Lot 63	Service	1
93	096.566	Pue Rd. @ Basin Field	Main Valve 33	1
94	096.566	Basin Field @ Opal Field	Fire Hydrant Valve J	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
UNABLE TO LOCATE / 1994-95
APPENDIX J**

Page 6 of 6

Line #	Plat #	Address	Type	Number Added
95	096.566	Bear Springs Lot 93	Service	1
96	096.566	Bear Paw Path Lots 28, 29, 30, 31, 32, 35, 96, 101	8 Services	8
97	096.566	Bald Eagle Way	Blow Off #8	1
98	094.582	Potranco Rd.	Main Valve #2	1
99	094.572	Bear Springs Lot 37	Service	1
100	094.572	Persimmon Gap Lots 45-46	2 Services	2
101	094.572	Skull Valley @ Gunlock	Main Valve	1
102	094.568	Buffalo Pass Lots 148 - 65-62	3 Services	3
103	094.568	Buffalo Pass between Colusa @ Jarbo Pass	Blow Off #17	1
104	092.582	FM 1604	Blow Off #1	1
105	092.572	Madison Falls @ Chisas Basin	Main Valve #2	1
106	068.572	SH21 @ Lambdo Dr.	Main Valve #3	1
107	064.576	None	Main Valve #3	1
108	064.574	Lambdo Dr.	Main Valve	1

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 1 of 5

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Needed</u>
1	110.574	Westpond @ Loop 410	Fire Hydrant	Replace Top Section
2	108.578	Cable Ranch @ Waters Edge	Fire Hydrant Valve C	Raise to Grade
3	108.576	Horal	Fire Hydrant E	Repair
4	108.576	Marbach Rd.	Main Valve #16	Repair
5	108.576	Marbach @ Horal	Main Valve #9	Raise to Grade
6	106.576	Marbach Rd.	Fire Hydrant Valve C Main Valve #8	Raise to Grade
7	104.580	Sugarloaf @ Sawtooth	Fire Hydrant Valve B	Raise to Grade
8	104.576	Autumn Village Lots 174, 173, 172, 171, 170, 169, 168, 158, 157, 128, 127, 126, 125	13 Services	Raise to Grade
9	104.576	Bratton Lots 205, 206, 207, 208	4 Services	Raise to Grade
10	104.574	Nashville	Blow Off #10	Raise to Grade
11	102.582	Dugas @ Sugarloaf	Main Valve #19	Raise to Grade
12	102.582	Cypressdale	Main Valve #15	Raise to Grade
13	102.580	Hayloft @ Harbour Grey	Fire Hydrant Valve I	Raise to Grade
14	102.576	Prescott @ Klondike	Main Valve #10	Repair
15	102.570	Marble Glade 2922, 2914, 2919	Meter Box	Raise to Grade
16	102.570	Amber Glade 2910, 2915, 2930	Meter Box	Raise to Grade

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
REPAIRS NEEDED / 1994-95
APPENDIX K**

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Needed</u>
17	102.572	Cross Key	Blow Off #5	Raise to Grade
18	102.572	Cross Key Lot 10	Meter	Raise to Grade
19	100.582	Cedarvale @ Cypresscliff	Main Valve #8	Repair
20	100.582	Cypressgreen	Blow Off #3	Repair
21	100.580	Cypressfield	Fire Hydrant Valve L	Raise to Grade
22	100.580	Cypresshill	Fire Hydrant Valve K	Raise to Grade
23	100.580	Trappers Run @ Dugas	Main Valve #11	Raise to Grade
24	100.580	Blue Astor @ Rolling Rock	Main Valve #22	Raise to Grade
25	100.578	Mercer Drive	Blow Off #32	Raise to Grade
26	100.578	Truman Drive	Blow Off #33	Raise to Grade
27	100.578	Old Forest Lots 9-10	Services	Raise to Grade
28	100.578	Cavern Trail	Main Valve #13	Raise to Grade
29	100.578	Warden Dr.	Blow Off #23	Raise to Grade
30	100.578	Ellison @ Bay Horse	Main Valve #20	Raise to Grade
31	100.576	Billings @ Prescott	Main Valve #17	Raise to Grade
32	100.576	Cone Hill Dr.	Blow Off #1	Repair
33	100.570	Sandy Field @ Fisher Field	Main Valve #6	Raise to Grade
34	100.570	Echo Plain	Main Valve #9	Raise to Grade
35	100.570	Echo Plain @ Misty Plain	Main Valve #11-13	Raise to Grade

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 3 of 5

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Needed</u>
36	100.570	Quiet Plain 2919, 2923, 2927	Meter Box	Raise to Grade
37	100.570	9743 Misty Plain	Fire Hydrant	Repair
38	098.580	Cedar Village	Fire Hydrant Valve F	Raise to Grade
39	098.578	Dugas @ Fillmore	Main Valves #18-20	Raise to Grade
40	098.578	Cherry Laurel @ Bridle Forest	Main Valves #12-11	Raise to Grade
41	098.578	Bridle Forest @ Louisburg	Main Valve #8	Raise to Grade
42	098.578	Louisburg @ Fillmore	Main Valve #17	Raise to Grade
43	098.578	Gallatin Drive	Blow Off #32	Raise to Grade
44	098.578	Ericson Drive	Blow Off #31	Raise to Grade
45	098.578	Aristocrat Drive	Blow Off #26	Raise to Grade
46	098.576	Lawrence @ Breeds Hill	Main Valve #1	Raise to Grade
47	098.576	Lawrence @ Bounty	Fire Hydrant B	Raise to Grade
48	098.576	Fillmore @ Prescott	Main Valves #8-9	Raise to Grade
49	098.570	Raven Field	Blow Off #3	Repair
50	098.570	Raven Field Lots 39-40	Fire Hydrant Valve	Raise to Grade
51	098.570	Sandy Field @ Bluff Field	Main Valve #12	Raise to Grade
52	100.570	Quiet Field @ Raven Field	Main Valve #30	Replace Lid
53	102.570	Broad Plain 2934, 2930, 2915	Meter Box	Replace Lid

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
REPAIRS NEEDED / 1994-95
APPENDIX K**

Page 4 of 5

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Type</u>	<u>Needed</u>
54	104.580	Sturgis Dr.	Fire Hydrant Valve	Raise to Grade
55	104.572	Petersburg	Blow Off	Raise to Grade
56	104.572	Stone River	Blow Off	Raise to Grade
57	102.580	Cypressgreen	Fire Hydrant Valve B	Raise to Grade
58	102.576	Churing @ Simplicity	Main Valve #16	Repair
59	102.576	1222 Klondike	Fire Hydrant Valve E	Repair
60	102.576	Presscott @ Ellison	Main Valve #12	Raise to Grade
61	102.576	1215 Churing	Service	Raise to Grade
62	102.576	1212 Longmont	Service	Raise to Grade
63	102.576	1320 Klondike	Service	Raise to Grade
64	102.570	Dove Creek	Blow Off #10	Repair
65	100.570	Echo Plain Lot 20	Fire Hydrant Valve	Raise to Grade
66	100.570	Quiet Plain south of Ivy Plain	Blow Off Valve	Missing Lid
67	098.570	Sandy Field @ Bluff Field	Main Valve #12	Repair
68	096.582	Potranco Rd.	Fire Hydrant D	Repair
69	096.578	Cherry Laurel	Blow Off #3	Raise to Grade
70	096.578	Flower Forest	Blow Off #4	Raise to Grade
71	096.576	Breeds Hill @ Gen Bragg	Main Valve #4	Raise to Grade
72	096.568	Hatchet Pass @ Jarbo Pass	Main Valve #2	Raise to Grade

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
 REPAIRS NEEDED / 1994-95
 APPENDIX K**

Line #	Lat #	Address	Type	Needed
73	096.568	Cache Path	Blow Off #8	Raise to Grade
74	096.566	Pue Rd. @ Kruewald Rd.	Valves #34, 35, 36, 37	Repair
75	094.572	Persimmon Gap @ Bear Springs	Main Valve #7	Raise to Grade
76	66.574	Omicron Theta Dr.	Main Valve #6	Missing Lid

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CHANGED ON PLAT / 1994-95
APPENDIX L**

Page 1 of 2

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Item</u>	<u>Changed</u>
1	110.574	Front of Shopping Center on Loop 410	Fire Hydrant C with valve	Location
2	108.574	Serene Valley @ Dale Valley	Main Valve #15	Location
3	108.574	Serene Valley @ Easy Valley	Main Valve #6	Location
4	108.574	Bravo Valley Dr. Lot 7	Lot 14	Location
5	108.574	Cape Valley Lot 14	Main Valve #10 Fire Hydrant G	Location
6	108.572	Flint Valley @ Concio Dr.	Main Valve #3	Location
7	106.576	Hunt Lane north of Marbach	4 Fire Hydrants - H,G,E,D	Location
8	106.576	Hunt Lane north of Marbach	Main Valve #6	Location
9	102.582	Potranco @ Dugas	Blow Offs #21-22	Removed
10	102.576	Longmont Drive	Lot Sizes	Changed
11	100.582	Ellison @ Potranco	Blow Offs #4 #5 Main Valve #6	Removed
12	100.578	Victoria Crossing Lot 43	Fire Hydrant	Location
13	100.564	Highway 90	Main Valve #4	Location
14	098.580	Tippecanoe Lot 90	Fire Hydrant K	Location
15	096.566	Canton Field Lot 193	Fire Hydrant	Location
16	096.568	Bear Springs @ Gold Point	Main Valve 13	Location
17	096.568	Bear Springs @ Hatchet Pass	Main Valve 11	Location

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
 CHANGED ON PLAT / 1994-95
 APPENDIX L**

Line #	Plat #	Address	Item	Changed
18	096.568	Bear Springs @ Fort Wyne	Main Valve 16	Location
19	096.568	Bear Springs @ Big Elk	Main Valve 18	Location
20	094.570	Fish Springs @ Mud Lake	Main Valve #14	Location
21	094.570	Bear Springs @ Pump Station	Main Valve #1	Location
22	094.568	Bear Springs @ Clints Wells	Main Valve #1	Location
23	094.568	Bear Springs @ Jarbo Pass	Main Valve #4	Location
24	094.568	Jarbo Pass @ Bushy Run	Main Valve #13	Location
25	094.568	Bear Springs @ Pine Mesa	Main Valve #8	Location
26	094.568	Bear Springs @ Gold Point	Main Valve #13	Location
27	094.568	Big Elk @ Buffalo Pass	Main Valve #1	Location
28	064.574	Lambda Dr.	Fire Hydrant 13 - 2 Main Valves	Location

**BEXAR METROPOLITAN WATER DISTRICT / NORTHWEST
CLEANING NEEDED / 1994-95
APPENDIX M**

Page 1 of 1

<u>Line #</u>	<u>Plat #</u>	<u>Address</u>	<u>Item</u>	<u>Number</u>
1	110.576	Westlakes Mall	Valve #8	1
2	104.576	Coldwater @ Simplicity	Main Valve #9	1
3	104.576	Simplicity	Blow Off #11	1
4	102.576	Ellison @ Prescott	Main Valve #4	1
5	096.578	Flower Forest @ Louisburg	Main Valve #4	1
6	096.570	Muddy Peak @ Bald Mountain	Main Valve #6	1