

DRIPPING SPRINGS WATER SUPPLY CORPORATION
SUMMARY OF SYSTEM CAPACITIES
June 24, 2015

GROUND WATER SUPPLY

<u>Well No.</u>	<u>Date Drilled</u>	<u>Well Depth</u>	<u>Rated GPM</u>	<u>Tested GPM / Date</u>
1	1964	820'	200	Currently Out of Service
2	1975	345'	200	255 - 02/01
3	1986	380'	500	510 - 02/01
4	1995	375'	500	510 - 02/01
Total All Wells				1,275 GPM
Total With Largest Well Reserved For Standby				765 GPM
Total Equivalent Annual Production Currently Available				1,234 Acre-Feet
Total Annual Production Permitted by the HTGCD (Hays Trinity Groundwater Conservation District)				400 Acre-Feet (248 GPM)

All wells are located on Dripping Springs Water Supply Corporation (DSWSC) property south of Onion Creek and east of Ranch Road 12.

SURFACE WATER SUPPLY

In August of 2000, DSWSC entered into a water service agreement with the Lower Colorado River Authority to purchase capacity in supply facilities up to, but not in excess of, a peak daily flow of 1,000,000 gallons per day with annual usage not to exceed 365,000,000 gallons (1,120 acre-feet). The LCRA has granted to DSWSC a firm raw water quantity of 1,126.16 acre-feet with a maximum diversion of 1,120 acre-feet annually. The combined ground water pumping capacity with largest well out of service and surface water supply available is about 2,101,000 gallons per day (1,459 GPM) or 6.45 acre-feet per day.

GROUND AND ELEVATED STORAGE

<u>Type</u>	<u>Capacity (MG)</u>	<u>Location</u>
Ground	0.203 MG	Well Site
Ground	0.125 MG	Loop 64 Site
Ground	0.051 MG	R.R. 12 (North Standpipe)
Standpipe	0.207 MG (0.091 Elevated)	Counts Tract (South Standpipe)
Standpipe	<u>0.323 MG</u> (0.150 Elevated)	Meadow Oaks Subd. (West Standpipe)
Total	909,000 Gallons (241,000 Elevated) ¹⁾	

SERVICE PUMPS

No.	GPM	Location	No.	GPM	Location	No.	GPM	Location
1	300	Well Site PS ¹⁾	1	700	Loop 64 PS	1	650	Springlake PS
2	300	Well Site PS	2	700	Loop 64 PS ²⁾	2	650	Springlake PS ²⁾
3	650	Well Site PS	3	500	Loop 64 PS			
			4	500	Loop 64 PS ²⁾			

Total Service Pump Capacity **4,950 GPM**
 Total Service Pump Capacity without Standby Units in Service **2,800 GPM**

NOTES:

- 1) Presently a 500,000 gallon elevated tank is being constructed at a site adjoining the 207,000 gallon standpipe.
- 2) Standby Service

SYSTEM CAPACITIES

System Capacity	TCEQ Capacity Criteria	Current ¹⁾ Connections	Required	Permitted Capacity Available	Permitted Equivalent Connection Capacity	Permitted 85% Capacity Equivalent Connection Capacity	Capacity Available	Equivalent ²⁾ Connection Capacity Available	85% Equivalent Connection Capacity Available
Ground Water				248 gpm	413	351	765 gpm	1,275	1,084
Surface Water				694 gpm	1,157	983	694 gpm	1,157	983
TOTALS	0.6 gpm/Conn.	1,880	1,128 gpm	942 gpm	1,570	1,334	1,459 gpm	2,432	2,067
Elevated Storage	100 Gall/Conn.	1,880	0.188 MG	0.241 MG	2,410	2,049			
Ground/Total Storage	200 Gall/Conn.	1,880	0.376 MG	0.909 MG	4,545	3,863			
Service Pumps	2 gpm/Conn.	1,880	3,760 gpm	4,950 gpm	2,475	2,103			

NOTES:

- 1) The number of connections on June 1, 2015 was 1,880 of which 1,395 are standard meter connections (5/8" x 3/4") and 80 are nonstandard connections (3/4" and larger). The total of nonstandard connection equivalents is 485. The total connection equivalent for evaluating system capacity requirements is 1,880 (1,395 + 410 + 75).
- 2) Chapter 291.93(3)A stipulates capacity is considered to be the overall rated capacity in number of residential connection equivalents using the most restrictive criteria for production, treatment, storage or pumping.

CAPACITIES SUMMARY

Dripping Springs Water Supply Corporation presently has capacity to serve an additional 169 (2,049 - 1,880) residential connection equivalents prior to reaching the 85% equivalent connection capacity criteria for elevated storage capacity. A 500,000 gallon elevated tank (2,500 equivalent connection capacity) is now being constructed and will replace the existing 91,000 gallons of elevated storage in the South Standpipe (455 equivalent connection capacity). Using the TCEQ 200 gallons per connection criteria, the 500,000 gallon elevated tank and existing 150,000 gallons of elevated storage in the West Standpipe will provide a total elevated storage connection capacity of 3,250 connections.

DSWSC now exceeds the total HTGCD permitted ground water supply and WTCPUA contracted surface water supply combined equivalent connection capacity by 310 (1,880 - 1,570) and exceeds the permitted and contract 85% supply capacity criteria by 546 (1,880 - 1,334) connections.

The combined ground and surface water capacities now available can serve an additional 552 (2,432 - 1,880) connections prior to exceeding the 0.6 gpm per connection criteria or 287 (2,067 - 1,880) prior to reaching the 85% capacity criteria.

DSWSC has now committed to provide water service to about 1,413 LUEs presently developed or being developed but not yet served as tabulated on the following page 4. Development inquiries for an additional 2,363 connections have been made and are also tabulated on page 4. Additional water supply capacity is required for DSWSC to serve these developments.

LUEs Remaining to be Connected in Subdivisions that have already paid DSWSC CCF's		Subdivisions Under Construction with DSWSC CCFs Unpaid		Potential Lots for Development	
Development	LUEs	Subdivision	LUEs	Subdivision	LUEs
RDS/Burrows	73	Founders Ridge Ph 1	51	Founders Ridge Phase 2, 3 & 4	153
Arrowhead Ranch	381			Caliterra/Carter Longhorn Ranch	235
Hidden Springs	30			Scenic Greens	912
Legacy Trails/ Pound House	65			The Gardens at Howard Ranch	34
Harrison Hills	63			Gateway 26 Doors	27
Counts Estates	71			Texas Heritage Village	138
Caliterra	550			Heritage Subdivision	700
Pound House Hills (HC Carter)	26			Garnet/Laurel Canyon	91
Roger Hanks Park (43.06 acres)	53.5			Crooked Oaks	20
Howard Ranch Phases I, II & III	24			Howard Ranch Phase IV	53
Creek Road Ranch	20				
Las Maderas	5				
TOTALS	1,362		51		2,363

PREPARED FOR: Dripping Springs Water Supply Corporation

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