



MONITORING NETWORK UPDATE

POSGCD BOARD MEETING

NOVEMBER 10, 2020



LATEST UPDATES

- Fall measurement campaign – continue collecting water level measurements from all monitoring wells thru November.
 - 221 wells measured thru date
 - Revisit all Carrizo monitoring wells
- Maintenance of monitoring equipment
- Continuation of QA/QC – Monitoring Dashboard (Intera)



GWAP UPDATE

- District Staff has been collecting data for Carrizo wells in response to calls from landowners
- District Board has approved funding for the Groundwater Well Assistance Program to assist landowners with expense of lowering pumps or drilling new wells.
 - District staff has currently investigated 31 wells and is receiving calls daily as well as reaching out to landowners with known Carrizo wells.
 - 7 wells have been approved for funding and have been serviced as of today
 - 5 wells scheduled for service this week
 - 5 additional wells will need service within weeks
 - Most wells that qualify will need servicing at some point in future.



District ID	Coordinates			Elevation		Well Info				Tracking #	Pump Setting		Water Level	Date	Method	Comment	Hd2050	DTW	Pump Setting			Hd above pump
	Lat	Lon	Source	ft - amsl	Source	Depth	TOS	BOS	K-packer		Current	New							+80	Round (x20)	Δ	
PO-000475	30.506835°	-96.828994°	Aerial	443.2	NED	887	831	887	782		200	300	234.5	11/2/2020	steel tape	pump lowered on 8/12/2020 by Iselt Pump Co.	109.4398	333.7602	414	420	120	65.5
PO-001327	30.48459244	-96.88776925	GPS	383.754	GPS	500	460	500	419	26078	140	260	160.72	44131	eline	lowered 120 ft by Loehr in September	123.0168	260.7372	341	340	80	99.28
PO-001328	30.505560°	-96.881390°	Driller	374.92	NED	467	367	467	346	2660	140	260	143.43	10/31/2020		Set 10/23/2020 Loehr	135.8349	239.0851	319	320	60	116.57
PO-003444	30.483461°	-96.892957°	Aerial	350.48	NED	492	411	463	403		180		130.20	10/27/2020	eline	Pump lowered in January 2020 by Iselt Pump Co.	135.5282	214.9518	295	300	120	49.80
PO-004976	30.564696°	-96.730025°	Aerial	372.12	NED	1057	1017	1054	975		120	160	127.1	44137	eline	pump lowered by Bilski	129.0039	243.1161	323	320	160	32.9
PO-006551	30.563304°	-96.730581°	Aerial	371.76	NED	950	890	950	None	??			130.25	11/3/2020	steel tape		127.3071	244.4529	324	320	N/A	N/A
PO-006560	30.470743°	-96.884929°	Aerial	404.98	NED	210	189	210	168		147		75.75	10/29/2020	eline	DNQ	338.9768	66.0032	146	140	DNQ	DNQ
PO-008053	30.49012412	-96.88465985	GPS	377.357	GPS	460	420	460	379	113038	160	340	152	44131	eline	Lowered by Loehr to New setting on 11/9/2020	130.8127	246.5443	327	320	160	188
PO-008054	30.48938378	-96.88330534	GPS	358.545	GPS	520	480	520	379	110381	120	180	134.25	10/27/2020	eline	lowered by Bill Seidel in early October	130.8127	227.7323	308	300	120	45.75
PO-008147	30.479400°	-96.895400°	Driller	341.56	NED	460	435	455	393	209408	200		125.00	10/29/2020	eline		135.3349	206.2251	286	280	80	75.00
PO-008338	30.485300°	-96.884900°	Driller	450.38	NED	500	450	490	None	244269	340					Couldn't get measurement	130.8127	319.5673	400	400	60	N/A
PO-008794	30.527230°	-96.818800°	Aerial	470.88	NED	760	735	755	693	229681	280		237.5	44133	eline	Scheduled to be lowered by Brien WW	118.2412	352.6388	433	440	160	42.5
PO-009067	30.558732°	-96.801476°	Aerial	471	NED	970	840	960	830	246162	220		200.43	10/15/2020	eline	Owner is lowering pump	94.3286	376.6714	457	460	240	19.57
PO-009135	30.486390°	-96.890000°	Driller	360.55	NED	480	430	450	389	301896	140	260				Set 10/26/2020 Loehr	121.7126	238.8374	319	320	60	N/A
PO-009239	30.484071°	-96.880154°	Aerial	426.45	NED	44	N/A		None	No Pump			41.30	10/27/2020	eline	DNQ	352.5869	73.8631	154	160	DNQ	DNQ
PO-009332	30.515500°	-96.830277°	Aerial	495.53	NED	850	810	840	726	359234	280	320	279	44133	eline	pump will be lowered 40 feet on 10/30/2020	109.4398	306.0902	466	460	140	41
PO-009386	30.441944°	-96.850277°	Driller	350.3	NED	770	739	760	634	325375	??					Windmill	8.688179	341.6118	422	420	N/A	N/A
PO-009572	30.525757°	-96.823085°	Driller	463.94	NED	780	757	777	673	379312	280		232.60	10/29/2020	eline	Scheduled to be lowered by Brien WW	118.2412	345.6988	426	420	140	47.40
PO-010952	30.50102241	-96.87540546	GPS	399.033	GPS	500	420	490	420	431707	200		167.40	10/29/2020	eline		135.8349	263.1961	343	340	140	32.60
PO-010967	30.48682252	-96.88448142	GPS	378.766	GPS	560	440	560	None	461689	260		158.40	10/27/2020	eline		130.8127	247.9533	328	320	60	101.60
PO-010979	30.50635435	-96.87805371	GPS	394.168	GPS	446	424	444	361	513537	240		160.31	10/29/2020	eline		135.8349	258.3331	338	340	100	79.69
PO-011370	30.486295°	-96.878516°	Aerial	415.05	NED	510	490	510	398		180	340	187.60	10/20/2020	eline	Set 10/21/2020 Iselt Paid by GWAP	130.8127	284.2373	364	360	20	152.40
PO-011373	30.486531°	-96.887612°	Aerial	351.32	NED	??	??		Unknown		140	320	131.65	44126	eline	Lowered by Loehr to New setting on 11/9/2020	130.8127	220.5073	301	300	160	188.35
PO-011376	30.482904°	-96.890430°	Aerial	382.33	NED	253	233	253	212		120		52.55	10/27/2020	eline		338.582	43.748	124	120	DNQ	67.45
PO-011380	30.50111871	-96.86703584	GPS	448.739	GPS	520	480	520	None	??			212.45	10/29/2020	steel tape		135.8349	312.9041	393	400	N/A	N/A
PO-011381	30.490026°	-96.881064°	Aerial	392.07	NED	505	485	505	385		120		NR	44126	eline	pump stuck @ 120 feet	130.8127	261.2573	341	340	220	N/A
PO-011382	30.439002°	-96.867786°	Aerial	324.57	NED	121	101	121	None	??			6.50	10/29/2020	eline		323.7626	0.8074	81	80	DNQ	N/A
PO-011383	30.526923°	-96.823943°	Aerial	473.2	NED	??	??		Unknown	N/A	240		237.25	44133	eline	Scheduled to be lowered by Brien WW	118.2412	354.9588	435	440	200	2.75
PO-011384	30.481244°	-96.886019°	Aerial	426.19	NED	??	??		Unknown		180		168.20	10/27/2020	eline		123.0168	303.1732	383	380	200	11.80
PO-011385	30.477487°	-96.890817°	Aerial	369.62	NED	??	??		Unknown		120	180	150.75	44131	eline	pump lowered by Loehr Drilling in September 2020 Sche	122.9602	246.6598	327	320	140	29.25
PO-009434	30.502645°	-96.841991°	Aerial	459.61	NED	635	615	635	494	366262	240	340	237.45	11/5/2020	eline	pump lowered by Loehr Drilling on 11/5/2020	110.4386	349.1714	429	420	180	102.55
PO-008923	30.524279°	-96.816012°	Aerial	487.6	NED	780	754	774	670	175917	260		260.3	11/9/2020	eline	Scheduled to be lowered by Brien WW	118.2412	369.3588	449	440	180	-0.30
PO-008826	30.561022°	-96.810813°	Aerial	498.51	NED	860	840	860	559	233271	300		225.70	11/9/2020	eline		94.3286	404.1814	484	480	180	74.30



GWAP UPDATE

- Working Criteria for lowering pumps established:
 - INTERA performed model evaluations
 - Staff selected Modeled Water Levels in year 2050 as future point
 - Established lowering pumps to 80 feet below modeled water level in year 2050

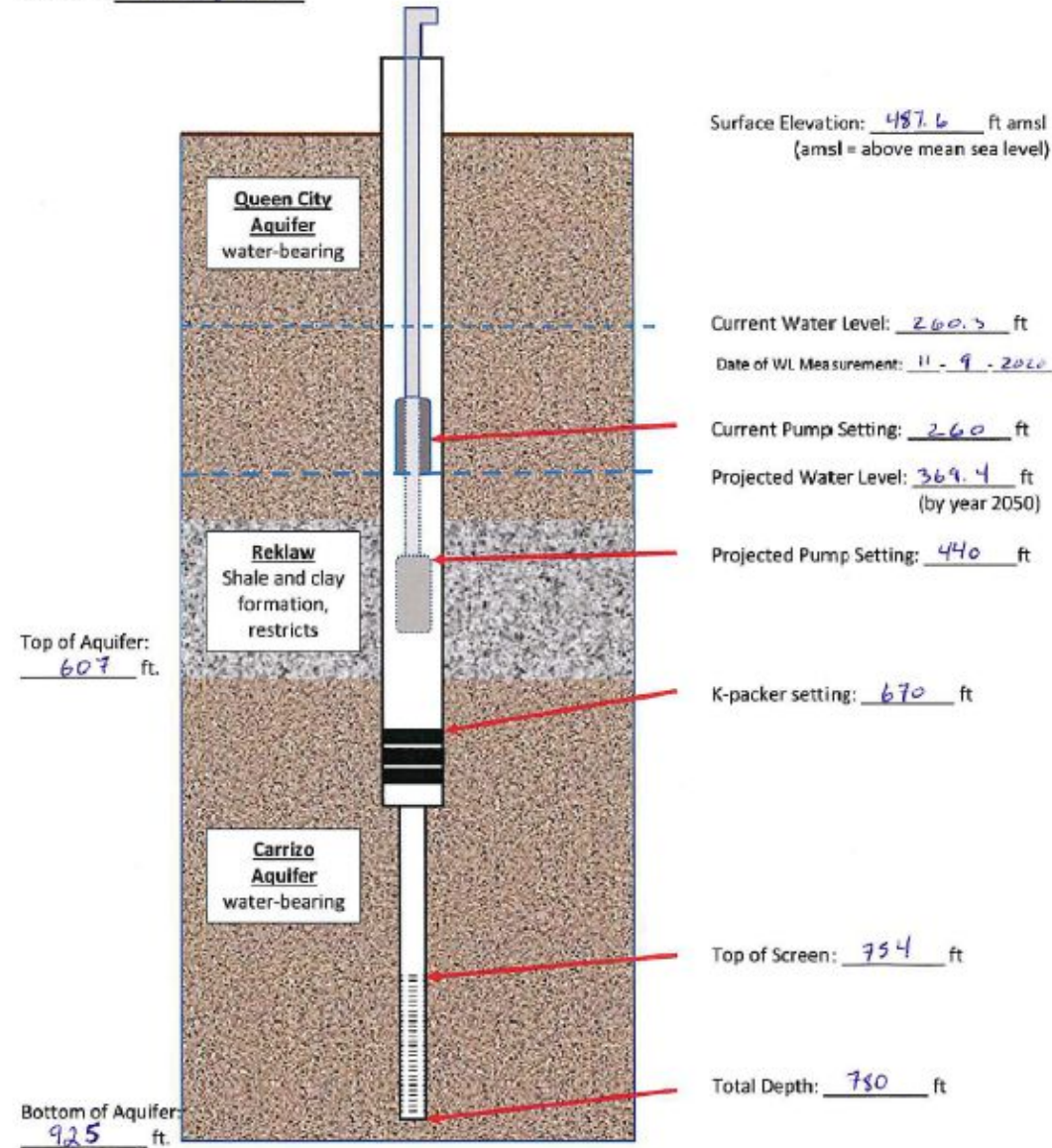


POST OAK SAVANNAH GROUNDWATER CONSERVATION DISTRICT
GROUNDWATER WELL ASSISTANCE PROGRAM – WELL ASSESSMENT FORM

Wellowner: [REDACTED] Phone: ([REDACTED]) [REDACTED] - [REDACTED]

Coordinates: [REDACTED] Aquifer: Carrizo

District ID: PO-008923





Post Oak Savannah Groundwater Conservation District

310 East Avenue C
P. O. Box 92
Milano, Texas 76556

Phone: 512-455-9900
Fax: 512-455-9909
Website: www.posgcd.org

AGREEMENT

Post Oak Savannah Groundwater Conservation District (the "District") is a political subdivision of the State of Texas; the fees it collects and expenditures of funds are deemed to be public in nature. Therefore, the District is not able to expend funds which only benefit an individual. The District may only expend funds which achieve its responsibilities as outlined in Chapter 36, Texas Water Code, and are a benefit to the general public.

As such, it is necessary for the District to be able to collect water level information from any well, now and on an ongoing basis, for that well to qualify for expenditures of funds through our Groundwater Well Assistance Program (GWAP). This information will be used to better understand the aquifers in our District, and thereby assist our Board in improved management of these groundwater resources. You will be apprised of the results of each measurement taken by District staff.

By signing this document as the owner of this well you agree to participate in the GWAP and to allow the District's representative to collect water level data as mentioned above for these uses.

Signature _____

Printed Name _____

Address _____

City, State, Zip _____

SWORN TO AND SUBSCRIBED TO BEFORE ME, the undersigned a notary public, on this the ____ day

of _____ 20____.

(Notary Seal)

Notary Public - State Of Texas

