

Pine-Strawberry Water Improvement District Monthly Report

October, 2017



Agenda

- CH2M Monthly Report
 - A. Repair Order Status – CSOs & MWOs
 - B. Well & Tank Report
 - C. Well Test Report
 - D. Water Loss Report
 - E. Vehicle Report
 - F. Improvement Projects
 - G. Project Recommendations
 - H. Inquiry Follow-Up

Repair Order Status – [Maintenance Work Orders]

October, 2017

Item	September	October	Hrs.
Preventative Maintenance Work Orders	249	194	200
Corrective Maintenance Work Orders	91	139	139
Water Quality Sampling	9	11	11
Line Locates	43	50	50
Line Leaks	14	19	220
Total	386	413	620

Well and Tank Report - Production (see printed handout for well summaries)

Pine		October, 2017	
Source	Gallons	% of Total	
PSWID Wells	4,359,533	78%	
WSA Wells	1,212,910	22%	
Total	5,572,443	62%	
Strawberry		October, 2017	
Source	Gallons	% of Total	
PSWID Wells	1,438,216	42%	
WSA Wells	2,023,590	58%	
Total	3,461,806	34%	
Combined Total	9,034,249		

Notes:

1. Sent 21,000 gallons from Pine to Strawberry
2. Solitude Trails (Pine) consumed 107,302 Gallons

Well and Tank Report - Production



Pine				
B (WSA)	4708 Willow Tree Lane	27,205,900	27,406,400	200,500
BT-1	4754 N. Walnut Lane	12,255,840	12,631,670	375,830
BT-2	4754 N. Walnut Lane	10,057,090	10,546,430	489,340
BT-4 (WSA)	on Oak Road c/s Walnut Drive/4830B Walnut Ln	8,145,810	8,344,020	198,210
CT	at Canyon Tanks	4,349,160	4,469,220	120,060
MRW1	3508 N Hwy 87	66,719,610	66,719,610	0
MRW2	3648 N Hwy 87	32,798,800	32,798,800	0
MRW3	3660 N Hwy 87	61,399,400	64,156,700	2,757,300
P-1	4703 Pine Creek Canyon Road	23,019,150	23,019,150	0
PC	4042 Cherry Lynn Drive	0	0	0
PW-2	4488 Chalet Drive	1,648,745	2,039,850	391,105
PW-3	5204 N. Trails End Drive	5,536,400	5,890,600	354,200
SH-1	in forest adjacent to SH Tank	105,960	105,960	0
SH-2	adjacent to the Magnolia Booster Building	5,118,080	5,118,080	0
SH-3	at end of Strawberry Hollow Drive; near lower gate	1,179,300	1,179,300	0
SH-4	in forest 100 yards north of SH-1	39,800	39,800	0
STWID1 (WSA)	Brookview Terrace pond/4754 N Walnut/aps Cimmoner Pines	72,527,200	73,341,400	814,200
STWID2 (WSA)	5396 N. Trails End Drive/ APS-Portal 3	105,920	105,920	0
W (WSA)	5805 W. Cedar Meadow Lane	10,099,000	10,099,000	0
SH Intertie		22,771,760	22,771,760	0
SH Intertie	at Strawberry Hollow Tank Site	3,354,500	3,354,500	0
STWID Master Meter	Near south entrance - Solitude Trail (Deduct from total of STWID1& 2)	2,672,368	2,779,670	(107,302)
Magnolia Water Line	From Pine to Strawberry (Deduct from Pine)	77,114,000	77,093,000	(21,000)
Magnolia Water Line	From Strawberry to Pine (Add to Pine)	---	---	0
			Total Produced - Pine:	5,572,443

Well and Tank Report - Production



Strawberry

Strawberry				
Map Label	Address	Meter Read		Total Gallons Produced
		Last Month	Current Month	
SV-1	8342 W Ralls Drive	7,087,421	7,246,377	158,956
SR-5	4980 N Fuller Road	7,327,540	7,771,080	443,540
TF	9060 W Tomahawk Trail	11,691,622	12,527,342	835,720
M (WSA)	4889 N Rim View Loop	28,918,510	29,876,400	957,890
J1 (WSA)	5096 N Hwy 87	32,541,900	33,170,900	629,000
J2 (WSA)	5096 N Hwy 87	41,129,100	41,544,800	415,700
W (WSA)	101 Parkinson Drive	18,532,350	18,532,350	0
Magnolia Water Line	From Pine to Strawberry (Add to Strawberry)	---	---	21,000
Magnolia Water Line	From Strawberry to Pine (Deduct from Strawberry)	0	0	0
Total Produced - Strawberry:				3,461,806
Total Production - October:				9,034,249



Water Loss Report

Pine & Strawberry		October, 2017
Type	Gallons (Estimate)	Purpose
Fire Hydrant Flushing	0	Routine Maintenance
Tank Overflow	0	Routine Tank Filling
Well Pump to Waste	2,000	Well Reinstall or Start-Up
Main Line Flushing	13,000	Service Flushing
Main Line/ Service Leaks	80,000	Repair Flushing
Draining Tanks	0	New Tank Chlorination
Total	95,000	

Pine-Strawberry Water Improvement District Vehicle Report – October, 2017



ID #	Description	Total Miles/Hrs (2017)	Miles/ Hrs (2017)	Miles/Hrs (2016)	Qty., Gals. (2017)	Qty., Gals (2016)	\$, Fuel (2017)	\$, Fuel (2016)
1	2010 Polaris Ranger	3,249	72	14	32	12	86	31
2	2005 Chevy 2500	94,940	527	-	56	-	138	-
3	2009 Chevy 1500	90,435	2,105	-	80	-	196	-
4	2002 Ford F350	181,730	-	177	-	31	-	69
5	2002 Ford F350	152,459	242	441	29	54	72	121
6	2006 Ford F150	157,763	1,730	1,743	143	146	354	326
7	2006 Case 580	4,178	18	31	30	54	84	124
8	2015 Bobcat 520	127	-	-	-	-	-	-
Total			4,694	2,406	370	297	930	671

Maintenance Notes:

Water Quality Samples – October, 2017

Water Quality Samples – 10

Special Samples – 1

All samples were absent.

Pine-Strawberry Water Improvement District

Well Test Report



Pine Wells			October, 2017	
Facility Location	Pump Set Level (ft)	H ₂ O Level (ft)	September Available Level (ft)	Available Level (ft)
BT-1	168	53	115	115
BT-2	147	36	111	111
CT	168	73	88	98
MRW-1	672	571	102	101
MRW-2	672	573	98	99
MRW-3	672	571	84	101
SH-1	231	15	216	216
SH-2	252	117	117	135
SH-3	1,120	900	221	220
SH-4	200	Off	-	-

Well Test Report

Pine Wells Cont.

Facility Location	Pump Set Level (ft)	H ₂ O Level (ft)	September Available Level (ft)	Available Level (ft)
PC	168	19	146	149
P-1	168	133	10	35
PW-2	252	217	31	35
PW-3	357	250	136	107

Pine WSA

STWID#1	399	30	366	369
STWID#2	189	100	89	89
Bloom	168	59	130	108
W - Gordon-Pine	105	54	65	51
BT-4	168	29	138	139

Well Test Report

Strawberry Wells

Facility Location	Pump Set Level (ft)	H ₂ O Level (ft)	September Available Level (ft)	Available Level (ft)
SV-1	378	342	30	36
SR-5	378	186	192	192
TF	693	287	385	406

Strawberry WSA

McKnight	420	355	57	65
Johnson #1	378	253	125	125
Johnson #2	294	211	66	83
W - Gordon-Strawberry	378	346	32	32