Layne Christensen Company
Fontana

Date: 5-24-04 Page 1

Customer: City of San Bernardino #110 Job No. 27- 7995

Meter 12" X 326 Static level 179.9 Feet Airline depth 346.25 Feet Hours/Day 5.5 Total hours 5.5

Operator: T. Harwood

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments meter reading
10:00			179.9				743250.5
:10	106	315.85	189.17	9.27	1000	34.06	58.25 muddy
:20	36.5	317.85	188.01	8.11	1000	39.19	68 Lt cleaning / muddy
:40	21.2	297.47	188.01	8.11	1000	36.68	86.25 cleaning
:55	10.6	294.56	188.01	8.11	1000	36.32	98.9 Lt cloudy
11:10	4.24	295.43	188.01	8.11	1000 Qt	36.42	313.4 Qt Vale ↑
:25	24.73	485.74	193.79	13.89	1000	34.97	35.75 very cloudy
:40	7.42	478.13	193.79	13.89	1000	34.42	57.75 Lt cleaning
:55	5.3	474.87	193.79	13.89	1000	34.18	79.6 cloudy
12:10	4.24	475.96	193.79	13.89	1000 Qt	34.26	401.5 Qt cleaning
:25	10.6	619.4	197.79	17.89	1025	34.62	430 cloudy / Lt mud
:40	7.42	617.22	197.79	17.89	1025	34.50	458.4 same
:55	10.6	617.22	197.79	17.89	1025	34.50	486.8 Lt cleaning
1:10	5.3	610.70	197.79	17.89	1025 Qt	34.13	514.9 Qt cleaning
:30	21.2	743.28	203.03	23.13	1050	32.13	560.5 cloudy / Lt mud
:45	24.73	762.84	203.03	23.13	1050	32.98	595.6 same
2:00	17.66	743.28	203.03	23.13	1050	32.13	628.25 Lt cleaning
:15	10.6	733.5	203.03	23.13	1050	31.71	662 cloudy
:30	10.6	733.5	203.03	23.13	1050	31.71	695.75 same
:45	10.6	728.06	203.03	23.13	1050	31.47	729.25 same
3:00	7.42	728.06	203.03	23.13	1050 Qt	31.47	762.75 cleaning
:15	42.4	983.43	212.84	32.94	1100	29.85	808 muddy
:30	42.4	982.61	212.84	32.94	1100	29.83	848 Lt cleaning
							Total gal pumped 194785.

Layne Christensen Company
Fontana

FILE

Date: 5-25-04 Page 2

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 179.9 Feet
Airline depth 346.25 Feet

Hours/Day 7.5
Total hours 12.5

Operator: T. Maxwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Read
8:00			179.9		1000		743847
:05	657.2	470.88	194.36	14.46	1005	32.54	53.5 muddy
:15	159	495.52	194.94	15.04	1005	32.93	68.7 Lt clearing
:30	21.2	484.65	196.1	16.2	1005	29.91	91 cloudy / Lt color
:45	15.9	482.48	196.1	16.2	1005	29.78	113.2 cloudy
9:00	10.6	473.78	196.1	16.2	1005	29.24	935 Lt clearing
:15	5.3	471.61	196.1	16.2	1005 qt	29.11	956.7 qt Vlt cloudy
:30	24.73	587.88	200.48	20.58	1025	28.55	983.75 cloudy / Lt mud
:45	17.66	592.23	200.72	20.82	1025	28.44	4011 cloudy / Lt mud
10:00	15.9	593.32	200.72	20.82	1025	28.48	38.3 Lt clearing
:15	10.6	593.32	200.72	20.82	1025	28.48	65.6 cloudy
:30	7.06	588.97	200.72	20.82	1025 qt	28.28	92.7 qt Lt cloudy
:45	53	821.52	209.38	29.48	1075	27.86	130.5 cloudy / mud
11:00	42.4	823.69	209.38	29.48	1075	27.94	168.4 Same
:15	70.66	815.0	209.38	29.48	1075	27.64	208.4 Same
:30	59.62	806.85	212.27	32.37	1075	24.92	248 Lt clearing
:45	48.92	807.47	212.27	32.37	1075	24.94	280.2 Same
12:00	24.73	805.22	212.27	32.37	1075	24.87	317.25 Lt clearing
:15	24.73	798.7	212.27	32.37	1075	24.67	354 Same
:30	31.8	795.44	212.27	32.37	1075	24.57	390.6 Same
:45	63.6	801.96	212.27	32.37	1075	24.77	427.5 Same
1:00	45.93	793.26	212.27	32.37	1075	24.50	464 Same
:15	53	787.83	212.27	32.37	1075	24.33	500.25 Same
:30	28.26	794.35	212.27	32.37	1075	24.53	36.8 Same
:45	24.73	792.18	212.27	32.37	1075	24.47	73.25 Lt clearing
2:00	17.66	787.83	212.27	32.37	1075	24.33	609.5 Same
:15	10.6	787.83	212.27	32.37	1075	24.33	45.75 Same
:30	10.6	787.83	212.27	32.37	1075	24.33	82 Lt cloudy
:45	15.9	793.26	212.27	32.37	1075	24.53	118.5 Same
3:00	10.6	798.7	212.27	32.37	1075	24.67	55.25 cloudy
:15	7.42	774.25	212.27	32.37	1075	23.91	93.25 Same
:30	5.3	785.89	212.27	32.37	1075	24.27	827 Same

Total gal. Pumped 2194920

EPA 11C

Layne Christensen Company
Fontana

Date: 5-26-04 Page 3

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 179.9 Feet
Airline depth 346.25 Feet

Hours/Day 7.5
Total hours 20

Operator: T. Nauwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Meter Reading	Comments
8:00			179.9				744826	muddy
:15	424	511.82	197.83	17.93	1010	28.54	41.7	muddy
:30	53	525.94	198.41	18.51	1010	28.41	65.9	cloudy / Lt color
:45	38.88	518.34	198.41	18.51	1010	28.00	89.75	Clearing
9:00	21.6	513.99	198.41	18.51	1010	27.76	913.4	cloudy
:15	10.6	512.90	198.41	18.51	1010	27.70	937	Same
:30	10.6	512.90	198.41	18.51	1010	27.70	960.6	Lt clearing
:45	5.3	508.56	198.41	18.51	1010 Q↑	27.47	84 Q↑	VLt cloudy
10:00	77.73	782.4	211.11	31.21	1075	25.06	5020	muddy
:15	53	804.13	211.11	31.21	1075	25.76	57	Lt clearing
:30	31.8	772.93	211.11	31.21	1075	24.76	93.75	Same
:45	41.64	774.25	211.11	31.21	1075	24.80	127	Lt clearing
11:00	28.26	771.53	211.11	31.21	1075	24.71	162.5	Same
:15	24.73	776.96	211.11	31.21	1075	24.89	98.25	Lt clearing
:30	38.86	760.66	211.11	31.21	1075	24.36	233.25	cloudy
:45	24.73	766.1	211.11	31.21	1075	24.54	268.5	cloudy
12:00	10.6	762.84	211.11	31.21	1075 Q↑	24.43	303.6 Q↑	cloudy
:15	88.33	978	221.51	41.61	1125	23.50	348.6	muddy
:30	67.13	970.39	221.51	41.61	1125	23.32	93.25	Lt clearing
:45	60.06	961.7	223.24	43.34	1125	22.18	437.5	Same
1:00	49.46	949.74	223.24	43.34	1125	21.91	481.2	Same
:15	31.8	943.32	223.24	43.34	1125	21.76	524.6	Same
:30	21.2	943.22	223.24	43.34	1125	21.76	568	Lt cloudy
:45	15.9	929.1	223.24	43.34	1125	21.43	610.75	Same
2:00	10.6	929.1	223.24	43.34	1125 Q↑	21.43	653.5 Q↑	Lt cloudy
:15	53	1032.33	233.06	53.16	1150	19.41	701	cloudy / Lt mud
:30	42.4	1014.80	233.06	53.16	1150	19.08	749.25	Same
:45	42.4	978	233.06	53.16	1150	18.39	794.25	Same
3:00	31.8	978	233.06	53.16	1150	18.39	839.25	Same
:15	21.2	985.60	233.06	53.16	1150	18.54	884.6	Lt cloudy
:30	10.6	986.69	233.06	53.16	1150	18.56	5930	

Total gal. pumped 359904

Layne Christensen Company
Fontana

Date: 5-27-04 Page 4

Customer: City of S.B. #110 Job No. 27- 2995

Meter 12" X 326 Static level 181.0 Feet Airline depth 346.25 Feet Hours/Day 7.5 Total hours 27.5

Operator: T. Harwood

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
8:00			181.0				745929 very muddy
:15	247.33	517.10	197.83	16.83	1010	30.72	52 muddy
:30	15.9	508.56	198.41	17.41	1010	29.21	75.4 cloudy
:45	10.6	497.69	198.41	17.41	1010	28.58	98.3 clearing
9:00	5.3	502.04	198.41	17.41	1010 ↑	28.83	6021.4 Q↑ VLt cloudy
:15	21.2	659.60	204.18	23.18	1050	28.44	51.75 cloudy
:30	12.36	659.60	204.18	23.18	1050	28.44	82.1 VLt cloudy
:45	5.3	656.34	204.18	23.18	1050 Q↑	28.30	112.3 clear
10:00	24.73	803.04	210.53	29.53	1075	27.18	149.25 cloudy / Lt color
:15	12.36	800.87	210.53	29.53	1075	27.11	186.1 cloudy
:30	5.3	791.09	210.53	29.53	1075 Q↑	26.78	222.5 Q↑ VLt cloudy
:45	35.33	988.86	219.2	38.2	1125	25.88	268 cloudy / Lt color
11:00	17.66	972.56	219.2	38.2	1125	25.45	312.75 same
:15	21.2	971.48	219.2	38.2	1125	25.43	357.45 cloudy
:30	10.6	959.52	219.2	38.2	1125	25.11	401.6 Lt cloudy
:45	5.3	959.52	219.2	38.2	1125 Q↑	25.11	445.75 Q↑ clear
12:00	49.46	1139.91	231.32	50.32	1175	22.64	498.2 cloudy / color
:15	25.33	1127.96	232.48	51.48	1175	21.90	550.1 cloudy / Lt color
:30	28.26	1117.09	233.63	52.63	1175	21.22	601.5 same
:45	21.2	1117.09	233.63	52.63	1175	21.22	652.9 Lt clearing
1:00	21.2	1106.22	233.63	52.63	1175	21.01	703.8 cloudy
:15	15.9	1104.05	233.63	52.63	1175	20.97	754.6 same
:30	10.6	1104.05	233.63	52.63	1175	20.97	805.4 clearing
:45	12.36	1091.01	235.37	54.37	1175	20.06	855.6 same
2:00	10.6	1091.01	235.37	54.37	1175	20.06	905.8 same
:15	10.6	1091.01	235.37	54.37	1175	20.06	956 Lt clearing
:30	7.42	1077.97	235.37	54.37	1175 Q↑	19.82	7005.6 Q↑ Lt cloudy
:45	35.33	1180.12	242.87	61.87	1203	19.07	59.9 cloudy / Lt mud
3:00	21.2	1173.6	242.87	61.87	1203	18.96	113.9 Lt clearing
:15	15.9	1164.90	242.87	61.87	1203	18.82	167.5 cloudy
:30	10.6	1152.64	242.87	61.87	1203	18.62	217 Lt clearing
							Total gal pumped 419888.0

Layne Christensen Company 909 384-5243
Fontana

Date: 5-28-04 Page 5

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326 Static level 182.00 Feet Hours/Day 7
Airline depth 346.25 Feet Total hours 34.5

Operator: T. Nunwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
8:00			182.00		1010		747215.9 Less mud
:15	402.06	499.11	197.25	15.25	1010	32.71	227 Cloudy / mud
:30	17.66	502.04	197.83	15.83	1010	31.71	250.1 Cloudy
:45	7.42	497.69	197.83	15.83	1010	31.43	273 Lt cloudy
9:00	3.18	493.79	197.83	15.83	1010	31.19	298.75 Allmost clean
:15	35.33	783.65	207.65	25.65	1015	30.55	330 Cloudy / Lt color
:30	7.42	787.83	208.22	26.22	1015	30.03	366.25 Cloudy
:45	4.2	776.96	208.22	26.22	1015 Q↑	29.62	402 Q↑ Allmost clean
10:00	24.73	1043.2	217.46	35.46	1125	29.41	450 Cloudy / Lt color
:15	15.9	1041.02	217.46	35.46	1125	29.35	497.9 Cloudy
:30	15.9	1023.64	217.46	35.46	1125	28.86	545 Same
:45	10.5	1021.46	217.46	35.46	1125	28.80	592 Lt cloudy
11:00	5.3	1021.46	217.46	35.46	1125 Q↑	28.80	639 Clean
:15	21.2	1168.16	225.55	43.55	1160	26.82	692.75 Cloudy
:30	10.6	1162.73	226.36	44.36	1160	26.21	746.25 Clearing
:45	5.3	1151.86	226.36	44.36	1160 Q↑	25.96	799.25 Allmost clean
12:00	28.26	1311.60	235.37	53.37	1200	24.57	859.6 Cloudy / Lt color
:15	17.66	1296.39	235.37	53.37	1200	24.29	919.25 Same
:30	15.9	1287.7	235.37	53.37	1200	24.12	978.5 Cloudy
:45	10.6	1276.83	235.37	53.37	1200	23.92	8037.75 Same
1:00	10.6	1268.14	235.37	53.37	1200	23.76	95.6 Same
~~:15~~	~~7.42~~	~~1258.36~~	~~235.37~~	~~53.37~~	~~1200~~	~~23.57~~	~~153.5 Lt cloudy~~
:20				Surge x 1	Resume pumping		152.8
:30	328.6	397.72	200.72	18.72	1010	21.24	165 Very muddy
:45	38.86	410.76	200.72	18.72	1010	21.94	183.9 Clearing
2:00	1.06	420.54	200.72	18.72	1010 Q↑	22.46	203.25 Q↑ Clean
:15	10.6	622.89	205.34	23.34	1050	26.68	230 Lt cloudy
:30				Surge x 1	to fix Sand tester	Resume pumping	230
:45	219.06	427.17	198.41	16.41	1005	26.03	249 Lt muddy
3:00	5.3	434.66	198.41	16.41	1005	26.48	8269
							Total gal Pumped 343310.6

Layne Christensen Company
Fontana

Date: 6-1-04 Page 6

Customer: City of S.B. #110 Job No. 27- 7998

Meter 12" X 326 Static level 180.0 Feet Airline depth 346.25 Feet Hours/Day 6.5 Total hours 41

Operator: T. Maxwell

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Meter Reading	Comments
8:45			180.0				748267.8	
9:00	231.2	474.18	191.48	11.48	1010	41.30	87.6	Cloudy / Lt mud
:15	10.6	467.26	193.79	13.79	1010 qt	33.88	309.1	Vlt cloudy
:30	31.8	754.14	202.45	22.45	1075	33.58	343.8	Same
:45	10.6	756.32	202.45	22.45	1075 qt	33.68	378.6	Same
10:00	21.2	1010.6	212.27	32.27	1125	31.31	425.1	Cloudy
:15	15.9	1006.25	211.69	31.69	1125	31.75	471.4	Lt cloudy
:30	7.06	1004.08	211.69	31.69	1125 qt	31.68	517.6	Vlt cloudy
:45	42.4	1220.32	219.77	39.77	1175	30.67	573.75	Cloudy
11:00	21.2	1214.35	219.83	39.83	1175	30.48	629.62	Clearing
:15	15.9	1214.35	219.83	39.83	1175	30.48	685.5	Lt cloudy
:30	10.6	1200.76	219.83	39.83	1175 qt	30.14	790.75	Vlt cloudy
:45	5.3	1200.76	219.83	39.83	1175	30.14	796	Clear
:00	21.2	1374.63	230.76	50.75	1225	27.08	859.25	Cloudy
:15	17.66	1358.33	233.06	53.06	1225	26.76	921.75	Lt cloudy
:30	15.9	1350.72	233.06	53.06	1225	25.45	983.9	Clearing
:45	10.6	1360.50	233.06	53.06	1225	25.64	9046.5	Vlt cloudy
1:00	10.6	1358.33	233.06	53.06	1225 qt	25.59	109	Clear
:15	35.33	1456.13	246.34	66.34	1275	21.94	176	Cloudy
:30	21.2	1480.67	248.65	68.65	1275	21.56	246.4	Same
:45	17.66	1458.30	248.65	68.65	1275	21.24	313.5	Lt clearing
2:00	21.2	1430.19	253.27	73.27	1275	19.51	381.5	Cloudy
:15	17.66	1448.88	254.42	74.42	1275	19.46	441.5	Cloudy
:30	17.66	1369.2	256.16	76.16	1275	17.97	504.5	Cloudy
:45	15.9	1358.33	258.47	78.47	1275	17.31	567	Cloudy
3:00	10.6	1317.04	259.62	79.62	1275	16.54	627.6	Lt clearing
:15	7.42	1317.04	259.62	79.62	1275	16.56	668	Same
							Total gal pumped	4564652

FILE EPA 110

Layne Christensen Company
Fontana

Date: 6-2-04 Page 7

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 182.25 Feet
Airline depth 346.25 Feet

Hours/Day 7.5
Total hours 48.5

Operator: T. Nunwold

9:15	.53	443	196.67	12.12	1080	40.67		
Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Meter Reading	Comments
8:05			182.25		1075		749665.8	
:15	76.55	671.92	197.83	15.58	1075	43.12	81.8	cloudy
:20	21.2	665.04	197.83	15.58	1075	42.67	92	Lt cloudy
:30	10.6	635.7	197.83	15.58	1075 qn	40.79	711.5 qn	ULt cloudy
:45	21.2	1106.22	210.53	28.28	1178	39.10	762.4	ULt cloudy
9:00	7.06	1097.53	211.11	28.86	1178 qn	38.02	812.9 qn	clear.
:15	24.73	1403.97	220.93	36.68	1250	36.29	877.5	ULt cloudy
:30	8.83	1358.33	220.93	36.68	1250 qn	35.11	940 qn	clear
:45	21.2	1521.33	226.13	43.88	1300	34.67	50010	ULt cloudy
10:00	10.6	1450.7	226.13	43.88	1300 qn	33.06	76.75 qn	clear
:15	21.2	1774.52	239.99	57.74	1400	30.73	158.4	ULt cloudy
:30	15.9	1747.78	239.99	57.74	1400	30.26	241.5	Same
:45	10.6	1719.73	239.99	57.74	1400 qn	29.78	318 qn	Same
11:00	24.73	1945.13	275.79	93.54	1500	20.79	407.5	cloudy dark air
:15	42.4	1858.2	286.19	103.94	1500	17.87	493	cloudy / Lt mud
:30	28.26	1803.86	291.96	109.71	1500	16.44	576	Same
:45	28.26	1749.53	300.05	117.8	1500	14.85	6565	Same
12:00	53	1695.2	302.36	120.11	1500	14.11	734.5	Lt clearing
:15	60.06	1651.73	306.98	124.78	1500	13.23	810.5	Same
:30	53	1608.26	311.6	129.35	1500	12.43	884.5	Same
:45	42.2	1608.26	316.22	133.97	1500	12.00	958.5	Same
1:00	42.2	1575.66	316.79	134.54	1500	11.71	1031	Same
:15	31.8	1575.66	316.79	134.54	1500	11.71	103.5	Same
:30	60.06	1570.23	316.22	133.97	1500	11.72	175.75	Same
:45	53	1581.1	318.53	136.28	1500	11.60	348.5	Same
2:00	60.06	1581.1	318.53	136.28	1500	11.60	321.25	Same
:15	42.4	1502.3	320.84	138.59	1500	10.83	390.37	Same
:30	31.8	1502.4	321.26	139.01	1500	10.80	459.5	Lt clearing
:45	31.8	1564.8	321.79	139.74	1500	11.19	531.5	Same
3:00	21.2	1564.8	323.15	140.9	1500	11.10	603.5	Same
:15	15.9	1489.48	323.15	140.9	1500	10.57	669.75	Same
:30	10.6	1489.48	323.15	140.9	1500	10.57	517 36	Same

Layne Christensen Company
Fontana

FILE
EPA 110

Date: 6-3-04 Page 8

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326 Static level 184.55 Feet Airline depth 346.25 Feet Hours/Day 7 Total hours 55.5

Operator: T. Nunwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading		
8:15			184.55				751732.5	+2	
:30	53	550.12	196.67	12.12	1080	45.36	46	-2	Lt cloudy
:45	5.3	532.46	196.67	12.12	1080	43.90	770.5		Clear
9:00	1.06	508.56	196.67	12.12	1080	41.93	793.9		clear
:15	.53	493.34	196.67	12.12	1080 Q↑	40.67	816.6	Q↑	Clear
:30	7.06	999.73	207.65	23.1	1175 Q↑	43.27	862.6	Q↑	Clear
:45	7.06	1204.02	211.11	26.56	1250 Q↑	45.32	918	Q↑	Clear
10:00	7.06	1461.56	220.93	36.38	1300 Q↑	40.17	985.25	Q↑	Clear
:15	5.3	1711.5	229.59	45.04	1375 Q↑	37.99	2064	Q↑	Clear
:30	10.6	2062.49	239.99	55.44	1450 Q↑	37.20	158.9	Q↑	Clear
:45	10.6	1952.74	253.85	69.3	1500 Q↑	28.17	248.75	Q↑	Lt cloudy
11:00	7.42	2220.87	263.09	78.54	1550 Q↑	28.27	357.75	Q↑	cloudy
:15	15.9	2328.57	279.26	94.71	1600	24.58	457.75		cloudy
:30	21.2	2254.83	288.5	103.95	1600	21.69	561.5		cloudy
:45	21.2	2185.21	297.74	113.19	1600	19.30	668.75		cloudy
12:00	35.33	2130.64	302.36	117.81	1600	18.08	760.25		cloudy
:15	70.66	2091.83	304.67	120.12	1600	17.41	856.5		Cloudy
:30	53.3	2042.93	308.13	123.58	1600	16.53	950.5		cloudy
:45	53.3	2042.93	311.6	127.05	1600	16.07	3044.5		Cloudy
1:00	42.2	2001.64	315.06	130.51	1600	15.33	136.6		Cloudy
:15	31.8	2002.72	318.53	133.98	1600	14.94	228.75		Cloudy
:30	35.33	1971.21	320.84	136.29	1600	14.46	317.5		Lt cloudy
:45	31.8	1966.86	323.15	138.6	1600	14.19	410		Same
2:00	35.33	1949.48	325.46	140.91	1600	13.83	499.7		Cloudy
:15	35.33	1946.22	327.77	143.22	1600	13.58	589.25		cloudy
:30	28.26	1931.00	327.19	142.64	1600	13.53	678.1		Clearing
:45	28.26	1929.92	328.34	143.79	1600	13.42	766.9		Lt cloudy
3:00	21.2	1914.70	328.92	144.37	1600	13.26	855		Same
:15	21.2	1912.53	329.50	144.95	1600	13.19	3943		Same
	31.15								
6-4	10.6	2159	339	151	1700	14.32			
11:15	15.9	2330	276.95	88.35	1600	26.38			

Total gal. Pumped 720623

Layne Christensen Company
Fontana

Date: 6-9-05 Page

Customer: City of S.G. #110 Job No. 27-7995

Meter 12" X 326 Static level 188.6 Feet Airline depth 346.25 Feet Hours/Day 7 Total hours 62.5

Operator: T. Nunnada

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
8:15			188.6				7539.38.5
:30	17.66	422.67	196.67	8.07	1075 Qt	52.32	957.3 Qt clear
:45	2.12	960.61	209.96	21.36	1175 Qt	44.97	4001.5 Qt clear
9:00	2.12	1249.66	216.89	28.29	1250	44.17	59 clear
:15	2.12	1195.33	216.89	28.29	1250 Qt	42.25	114 Qt clear
:30	3.18	1445.26	223.82	35.22	1325 Qt	41.03	180.5 Qt clear
:45	5.3	1749.53	234.21	45.61	1400 Qt	38.35	261 Qt clear
10:00	7.06	1939.7	242.3	53.7	1450 Qt	36.12	350.25 Qt clear
:15	7.06	2086.4	252.69	64.09	1500 Qt	32.55	446.25 Qt clear
:30	15.9	2249.4	261.35	72.75	1550	30.91	549.75 Lt cloudy
:45	10.6	2205.93	263.11	74.51	1560	29.66	651.25 Cleaning
11:00	4.24	2205.93	265.97	77.37	1550 Qt	28.51	752.75 Qt clear
:15	15.9	2330.9	276.95	88.35	1600	26.38	860 Lt cloudy
:30	7.06	2292.86	280.41	91.81	1600 Qt	24.97	965.5 Qt clear
:45	10.6	2429.22	295.43	106.83	1650	22.73	5081 cloudy
12:00	7.06	2371.93	300.05	111.45	1650 Qt	21.28	186.5 Qt Lt cloudy
:15	15.9	2472.16	320.26	131.66	1700	18.77	300.25 Same
:30	21.2	2402.62	326.61	138.01	1700	17.40	410.8 Cloudy
:45	53	2349.37	330.2	141.6	1700	16.59	518.9 Same
1:00	53	2349.37	334.7	146.1	1700	16.08	627 Same
:15	42.2	2288.52	335.27	146.67	1100	15.60	732.7 Same
:30	42.2	2275.48	339.89	151.29	1700	15.03	837 Lt cloudy
:45	31.8	2243.96	339.32	150.72	1100	14.88	940.25 Same
2:00	31.8	2221.14	339.32	150.72	1700	14.73	1042.45 Lt cloudy
:15	21.2	2217.88	339.32	150.72	1700	14.71	1144.5 Same
:30	21.2	2189.63	339.32	150.72	1700	14.52	245.25 Lt cloudy
:45	15.9	2189.63	339.32	150.72	1700	14.52	346 Same
3:00	10.6	2160.29	339.32	150.72	1700	14.33	445.4 Same
:15	10.6	2159.20	339.32	150.72	1700	14.32	544.25 Same
							Total gal pumped 8496375

Layne Christensen Company
Montana

Date: 6-7-04 Page 18

Customer: City of G.F. #110 Job No. 27- 7995

Meter 12" X 326 Static level 193.79 Feet Airline depth 346.25 Feet Hours/Day 6 Total hours 68

Operator: T. Marwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading		
9:25			193.79				786540.5		
:35	13.25	661.05	211.69	17.90	1080 Qt	36.93	58.75	Qt	clean
:50	1.76	948.66	220.93	27.14	1150 Qt	34.95	602.4	Qt	clean
10:05	3.53	1395.28	235.37	41.58	1250 Qt	33.55	66.6	Qt	Lt cloudy
:20	6.36	1584.36	244.61	50.82	1325	31.17	739.5		Same
:35	.70	1662.62	244.61	50.82	1325 Qt	30.74	811.4	Qt	clean
:50	7.06	1784.30	252.85	60.06	1400 Qt	29.70	[illegible]	Qt	clean
11:05	5.3	1907.1	260.78	66.99	1450 Qt	28.46	981.25	Qt	Vlt cloudy
:20	10.6	2026.63	265.4	71.61	1500 Qt	28.30	7079.5	Qt	Same
:35	2.82	2140.73	271.17	77.38	1550 Qt	27.66	173	Qt	clean
:50	2.12	2303.73	281.57	87.78	1600 Qt	26.24	279	Qt	clean
12:05	10.6	2586.26	304.09	110.30	1700	23.44	398		cloudy
:20	4.24	2548.23	309.29	115.5	1700 Qt	22.06	515.25	Qt	clean
:35	10.6	2640.6	325.46	131.67	1750	20.05	636.75		Lt cloudy
:50	10.6	2618.86	329.50	135.71	1750	19.29	757.25		Vlt cloudy
1:10	5.3	2574.58	332.39	138.6	1750	18.57	915.2		clean
			Surge x 1						
:30			Resume Pump				908.75		
:45			195.52	1.73	1050 Qt		891	Qt	clean
2:00	1.06	445.53	214.00	20.21	1150 Qt	22.04	911.5	Qt	clean
:15	1.06	858.46	225.55	31.76	1225 Qt	27.02	951	Qt	clean
:30	1.06	1130.13	233.06	39.27	1275 Qt	28.77	8003	Qt	clean
:45	1.59	1347.46	239.41	45.62	1325 Qt	29.53	65	Qt	clean
3:00	1.59	1660.42	251.54	57.75	1400 Qt	28.75	141.4	Qt	clean
:15	2.12	1882.10	260.20	66.41	1475 Qt	28.33	228	Qt	clean
:25	1.59	2151.6	268.86	75.07	1550	28.65	294		clean
6-8-04							Total gal pumped 571641		
~~8:45~~	~~5.3~~	~~841~~	~~198~~	~~4.04~~	~~1080~~	~~58.97~~			
10:00	3.53	1760	234	45.04	1400	39.08			

Layne Christensen Company
Fontana

Date: 6-8-04 Page 11

Customer: City of S.B. #116 Job No. 27- 7995

Meter 12" X 326 Static level 189.17 Feet Airline depth 346.25 Feet Hours/Day 7 Total hours 75

Operator: T. Nunwald

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Read		
8:00			189.17				758790		
:15	5.3	544.88	198.41	9.24	1080	58.97	313.4	Pumping from tanks to discharge	clear
:30	.53	491.17	198.41	9.24	1080	53.15	336	Shut down 3rd pump	clear
:45	trace	456.4	198.64	9.47	1080	48.19	357		clear
9:00	Q	423.8	198.64	9.47	1080 Q↑	44.75	376.5	Q↑	clear
:15	2.12	812.82	207.65	18.48	1150 Q↑	43.98	413.9	Q↑	clear
:30	1.06	1251.84	216.89	27.72	1250 Q↑	45.16	471.5	Q↑	clear
:45	2.47	1532.2	223.52	34.35	1325 Q↑	44.6	542	Q↑	clear
10:00	3.53	1760.4	234.21	45.04	1400 Q↑	39.08	623	Q↑	clear
:15	3.53	2129.86	248.07	58.90	1500 Q↑	36.15	721	Q↑	clear
:30	3.53	2445	261.93	72.76	1600 Q↑	33.60	833.5	Q↑	clear
:45	3.53	3016.58	289.07	99.90	1700 Q↑	30.19	972.3	Q↑	Lt cloudy
11:00	3.53	3302.38	313.91	124.74	1800	26.47	9124.25		Lt cloudy
			#Surgex 3						
:15			Rescue pump		1200		119		
:30	8.3	827.53	213.42	24.25	1200 Q↑	34.11	152	Q↑	clear
:45	3.53	1334.42	224.97	35.80	1300 Q↑	37.27	213.4	Q↑	clear
12:00	3.53	1740.84	237.10	47.93	1400 Q↑	36.31	293.5	Q↑	clear
:15	2.12	2086.4	250.96	61.79	1500 Q↑	33.76	389.5	Q↑	clear
:30	2.12	2412.4	264.24	75.07	1600 Q↑	32.13	500.5	Q↑	clear
:45	14.13	3001.37	290.81	101.64	1700	29.52	638.6		clear
1:00	10.6	2953.56	294.27	105.10	1700 Q↑	28.10	774.5	Q↑	clear
:15	31.8	3286.72	317.37	128.20	1800	25.63	928.25		cloudy
:30	31.8	3254.47	323.15	133.98	1800	24.29	60075.5		same
:45	21.2	3210.01	327.19	138.02	1800	23.25	223.2		Lt cleaning
2:00	15.9	3194.8	328.92	139.75	1800	22.86	370.2		Lt cloudy
:15	24.73	3179.58	332.39	143.22	1800	22.20	516.5		same
:30	15.9	3151.33	333.6	144.43	1800	21.81	661.5		same
:45	10.6	3151.33	334.7	145.53	1800	21.65	806.5		cleaning
3:00	5.3	3100	334.7	145.53	1800	21.30	60939.75		clear
							Total gal pumped 868818.5		

Layne Christensen Company
Fontana

Date: 6-9-04 Page 12

Customer: City of S.B. #116 Job No. 27- 7995

Meter 12" X 326 Static level 196.1 Feet Airline depth 346.65 Feet Hours/Day 1 Total hours 76

Operator: T Norwood

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
8:00			196.1	/			760937.75
:15	7.42	1001.28	212.27	16.17	1200	61.92	980.75 clear
			Surge x 1				
:20			Resume pump				79.6 cloudy w/ H2S odor
:35	53	964.51	212.27	16.17	1200	59.64	1022.5 -15 clear
			Surge x 1				
:45			Resume pump				20.4
:50	106	949.02	207.65	11.55	1200	82.16	33.5 cloudy
9:00	15.9	929.1	208.22	12.12	1200	76.61	62 clear
			Surge x 1				
:10			Resume pump				
:15							
:25							

Layne Christensen Company
Fontana

Date: 6-9-04 Page 13

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326 Static level 196.1 Feet Airline depth 346.25 Feet Hours/Day 5 Total hours 80

Operator: T. Marwood

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
		Started pumped @ 9:00 am discharge 6 min apart					
	and soaked P#12 Resuming on page #13						
9:35			Resume pump				55
:40	212	986.15	208.22	12.12	1200	81.31	67.1 cloudy
:50	21.2	982.09	208.22	12.12	1200	81.04	97.25 clean
			Surge x1				
10:00			Resume pump				91
:05	132.5	815	208.22	12.12	1200	67.26	103.5 lt cloudy
:15	15.9	937.25	208.22	12.12	1200	77.37	132.25 clean
			Surge x1				
11:00			Resume pump				129
:05	159	937.25	208.22	12.12	1200	77.33	140.5 cloudy / lt color
:15	15.9	929.1	208.22	12.12	1200	76.65	169 clean
			Surge x1				
:25			Resume pump				165
:30	212	904.65	205.91	9.81	1200	92.14	176.1 lt cloudy
:40	10.5	893.24	205.91	9.81	1200	91.05	203.5 clean
			Surge x1				
:50			Resume pump				199.5
:55	159	904.65	205.91	9.81	1200	92.14	210.6 lt cloudy
12:05	10.6	909.54	208.22	12.12	1200	75.04	238.5 clean
			Surge x1				
:15			Resume pump				234.5
:30	10.6	922.11	208.22	12.12	1200	76.08	274.1 clean
			Surge x1				
:40			Resume pump				269.25
:45	159	909.54	205.34	9.24	1200	98.43	283.2 vlt cloudy
:55	7.42	922.58	205.34	9.24	1200	99.84	311.5 clean
			Surge x1				
1:10			Resume pump				307.1
:15	159	880.2	204.76	8.66	1200	101.61	317.9 vlt cloudy
:25		886.72	205.34	9.24	1200	95.96	345.1 clean

Layne Christensen Company
Fontana

Date: 6-9-04 Page 14

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 196.1 Feet
Airline depth 346.25 Feet

Hours/Day 6
Total hours 81

Operator: T. Nanwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments	
							Meter Reading	
			Surge #1					
1:35			Resume pump				40.5	
1:40	62.6	957.62	203.60	7.50	1200	127.55	352.25	nallmost clean
1:50	5.3	872.05	205.34	9.24	1200	94.37	379	clear
2:00	2.12	872.05	205.34	9.24	1200	94.37	405.75	clear

EPA 110

Layne Christensen Company
Fontana

Date: 6-10-04 Page 15

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326 Static level 188.00 Feet 2.5 Hours/Day 2.5
Airline depth 346.25 Feet Total hours 83.5

Operator: T. Markwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading	
8:45			188.00				761403.5	
:50	265	1010.6	204.76	16.76	1200	60.28	419	LH cloudy
:00	10.6	1010.6	206.49	18.49	1200	54.64	450	clean
			Surge x1					
:10			Rescue pump				450.5	
:15	53	923.66	203.03	15.03	1200	61.45	63.25	ULH cloudy
:25	10.6	878.57	204.76	16.76	1200	52.42	490.2	clean
		Discharge came up pipe before						
10:15			Rescue pump				494.9	
:20	159	1426.25	211.69	23.69	1300	60.19	512.4	ULH cloudy
:30	31.8	1401.8	213.42	25.42	1300	55.13	555.4	clean
:40	21.2	1388.76	214.58	26.58	1300	52.24	598.	clean
			Surge x1					
:50			Rescue pump				98.9	
:55	106	1375.72	212.27	24.27	1300	56.68	620	ULH cloudy
11:05	21.2	1385.6	214.58	26.58	1300	52.12	662.5	clean
:15	15.9	1372.46	214.58	26.58	1300	51.63	704.6	clean
:25	6.16	1372.46	214.58	26.58	1300	51.63	746.7	clean
		discharge came up pipe						
2:40			Rescue pump					
:45								
							Total gal pumped 111883.2	

EPA 110

Layne Christensen Company
Fontana

Date: 10-14-04 Page 16

Customer: City of S.B. #110 Job No. 27- 7945

Meter 12" X 326

Static level 186.86 Feet
Airline depth 346.25 Feet

Hours/Day 4
Total hours 8725

Operator: T. Marwood

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reads	
8:09			186.86		1400		761760.5	
:15	132.5	2064.66	222.66	35.80	1400	57.67	98.5	VLT cloudy
:25	15.9	2030.98	226.13	39.27	1400	51.71	860.8	clean
:35	5.3	1995.12	226.13	39.27	1400	50.80	922	clean
			Surge x 1					
:45			Resume pumping				928.5 47.5	
:55	17.66	1903.84	223.82	36.96	1400	51.51	972.3	VLT cloudy
9:05	7.95	1887.54	224.97	38.11	1400	49.52	2030.2	clean
:15	3.18	1825.6	224.97	38.11	1400	47.89	86.2	clean
			Surge x 1				[redacted]	
:25			Resume pumping				95.75	
:35	21.2	1825.6	223.82	36.96	1400	49.39	151.75	clean
:45	7.95	1817.45	224.39	37.53	1400	48.42	207.5	clean
:55	4.24	1817.45	224.39	37.53	1400	48.42	263.25	clean
			Surge x 1					
10:05			Resume pumping				264.25	
:15	15.9	1760.4	223.82	36.96	1400	47.62	318.25	clean
:25	10.6	1794.63	224.39	37.53	1400	47.81	373.25	clean
:35	5.3	1817.45	224.39	37.53	1400	48.42	429	clean
				Surge x 1				
:45				Resume pumping			432.5	
:55	42.4	1832.12	224.97	38.11	1400	48.07	488.7	VLT cloudy
11:05	15.9	1806.04	225.55	38.69	1400	46.67	544.1	clean
:15	5.3	1806.04	225.55	38.69	1400	46.67	599.5	clean
				Surge x 1				
:25				Resume pumping			608 27	
:35	53	2561.42	233.06	46.2	1500	55.44	663	clean
:45	15.9	2236.36	234.90	48.04	1500	46.54	731.6	clean
:55	5.3	2213.54	235.37	48.51	1500	45.63	799.5	clean
				Surge x 1				

Layne Christensen Company
Fontana

Date: 6-14-04 Page 17

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 186.86 Feet
Airline depth 346.25 Feet

Hours/Day 7.5
Total hours 91

Operator: T. Nanwold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading	
12:10			Measure pump		1500		808.5 12.25	
:20	37.1	2246.24	234.21	47.35	1500	47.43	861.9	clean
:35	5.3	2229.84	235.37	48.51	1500	45.96	964.5	clean
				Surge x 1				
:45				Measure pump			974.25 -.25	
:55	21.2	2223.48	234.79	47.93	1500	46.38	3040.75	clean
1:10	7.24	2233.1	236.52	49.66	1500	44.96	143.5	clean
				Surge x 1				
:20				Measure pump			148	
:30	15.9	2298.3	237.68	50.82	1525	45.22	218.5	clean
:40	5.3	2290.15	239.52	52.66	1525	43.48	288.75	clean
				Surge x 1				
:50				Measure pump			295.75	
2:00	31.8	2803.6	249.23	62.37	1600	44.95	381.75	clean
:15	7.42	2798.16	253.85	66.99	1600	41.76	510.5	
				Surge x 1				
:25				Measure pump			520.5	
:35	31.8	2795.45	253.85	66.99	1600	41.72	606.25	clean
:45	7.42	2738.4	257.89	71.03	1600	38.55	690.25	clean
				Surge x 1				
:55				Measure pump			698	
3:05	31.8	2754.7	257.89	71.03	1600	38.78	782.5	clean
:15	10.6	2705.8	259.04	72.18	1600	37.48	865.5	clean
:30	5.3	2695.4	259.04	72.18	1600	37.34	942.5	clean
							Total gal pumped	
							711332	

Layne Christensen Company
Fontana

Date: 6-15-04 Page 18

Customer: City of S.B. #110 Job No. 27- 7745

Meter 12" x 326

Static level 191.5 Feet
Airline depth 346.25 Feet

Hours/Day 4.28
Total hours 95.28

Operator: T. Maxwell

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments	
							meter reading	
8:15			191.5		1600		763948.0	
:20	21.2	2875.32	251.54	60.04	1600	47.89	992.1	clean
:30	4.24	2808.49	255.00	63.50	1600	44.22	4078.25	clean
			Surge x1					
:40			Resume pumping				86	
:45	31.8	3243.7	260.78	69.28	1700	46.82	135.75	VLH cloudy
:55	7.42	3227.4	264.24	72.74	1700	44.36	234.75	clean
9:10	5.3	3178.5	270.02	78.52	1700	40.48	381	clean
			Surge x1					
:25			Resume pumping				390.5	
:30	21.2	3260	267.71	76.21	1705	42.77	440.5	VLH cloudy
:40	10.6	3211.1	271.17	79.67	1705	40.30	539	clean
:55	5.3	3194.8	274.64	83.14	1705	38.42	686	clean
			Surge x1				Gravel on west side 698'	
10:05			Resume pumping				693	
:10	21.2	3218.50	272.33	80.83	1705	39.81	747.3	Allmost clean
:20	7.95	3163.91	276.25	84.75	1705	37.32	839.5	clean
:35	5.3	3156.76	279.02	87.52	1705	36.06	984.75	clean
			Surge x1					
:45			Resume pumping				992.75	
:50	15.9	3243.7	272.33	80.83	1700	40.12	5042.5	clean
11:00	5.3	3242.84	276.95	85.45	1700	37.95	137	clean
			Surge x1					
:15			Resume pumping				147.5	
:20	31.8	3553.4	284.45	92.95	1800	38.22	202	VLH cloudy
:30	15.3	2512.65	290.81	99.31	1800	35.37	309.75	clean
			Surge x1					
:40			Resume pumping				318.5	
:45	31.8	3569.7	288.5	97.8	1800	36.80	373.25	VLH cloudy
12:00	15.9	3504.5	294.27	102.77	1800	34.09	534.5	Allmost clean
:15	17.66	3482.76	297.74	106.24	1800	32.78	694.75	Same
:30	17.66	3461.03	300.05	108.55	1800	31.88	854	Same

ayne Christensen Company
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Date: 6-15-04 Page 19

ustomer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 191.5 Feet
Airline depth 346.25 Feet

Hours/Day 6.75
Total hours 97.75

Operator: T. Nawola

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments
							Metalkeal
:45	14.13	3455.6	301.78	110.28	1800	31.33	6013 clean
1:00	10.6	3436.04	302.36	110.86	1800	30.99	171.1 clean
:15	7.42	3437.12	302.36	110.86	1800	31.00	329.25 clean
			Surged				
:30			Resume pumping				338
:35	42.2	3533.84	296.00	104.50	1815	33.81	392.2 cloudy/air
:45	21.2	3497.98	300.05	108.55	1815	32.22	499.5 Same
2:00	17.66	3470.81	304.09	112.59	1815	30.82	659.2 Same
:15	17.66	3455.6	304.67	113.17	1815	30.53	823.5 clean w/air
:30	14.13	3445.48	306.40	114.90	1815	29.98	976.75 Same
:45	14.13	3433.86	309.29	117.79	1815	29.15	7134.75 Same
3:00	10.6	3411.56	309.29	117.79	18.5	29.01	292
							Gravel in East side 185'
							Total gal pumped 1090144.0
6-16-2004							
8:20	5.3	841	214	18.00	1200	46.7[illegible]	
9:20	1.04	1265	226.7	30.7	1300	41.20	
10:20	1.05	1669	239.99	43.99	1400	37.94	
10:50	1.59	2053.8	251.54	55.54	1600	36.97	

TODAY

FILE

Layne Christensen Company
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Date: 6-16-04 Page 20

Customer: City of S.B. #110 Job No. 27- 7995

Meter 12" X 326

Static level 196.0 Feet
Airline depth 346.25 Feet

Hours/Day 6.5
Total hours 104.25

Operator: T. Nunnely

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Meter Reading	Comments
8:15			196.0				767294	
:20	5.3	841.08	214.00	18.00	1200	46.72	306.9	clear
:30	5.3	828.04	214.58	18.58	1200	44.56	332.3	clear
:45	Ø	806.30	214.58	18.58	1200	43.39	369.4	clear
9:15	Ø	762.84	214.58	18.58	1200 qt	41.05	439.6 qt	clear
:20	1.06	1264.88	226.70	30.70	1300	41.20	459	clear
:30	Ø	1263.25	227.28	31.28	1300	40.37	497.75	clear
:45	Ø	1257.27	228.44	32.44	1300	38.75	555.6	clear
10:15	Ø	1247.49	228.44	32.44	1300 qt	38.45	670.4 qt	clear
:20	1.06	1669.12	239.99	43.99	1400	37.94	696	clear
:30	Ø	1701.77	239.99	43.99	1400	38.68	748.2	clear
:45	Ø	1700	239.99	43.99	1400 qt	38.64	826 qt	clear
11:50	1.59	2053.8	251.54	55.54	1500	36.97	857.5	clear
11:00	Ø	2070.1	252.69	56.69	1500	36.51	921	clear
:15	Ø	2064.66	253.27	57.27	1500	36.04	8016	clear
:45	Ø	2051.00	253.85	57.85	1500 qt	35.45	204.75 qt	clear
:50	1.06	2431.41	264.24	68.24	1600	35.62	249.5	clear
12:00	Ø	2427.21	265.4	69.4	1600	34.97	531.4	clear
:15	Ø	2428.7	265.4	69.4	1600	34.99	428.25 -2	clear
:45	Ø	2412.4	266.55	70.55	1600 qt	34.19	650.25	clear
:50	1.59	3048.1	283.88	87.88	1700	34.68	697	clear
1:00	Ø	3048.1	285.61	89.61	1700	34.01	790.5	clear
:15	Ø	3043.36	286.76	90.76	1700	33.52	935.2	clear
:45	Ø	3027.43	288.5	92.5	1700 qt	32.73	9209.2	clear
:50	1.59	3426.26	300.62	104.62	1800	32.74	261.75	clear w/ foam
2:00	1.26	3431.16	301.78	105.78	1800	32.43	367	clear w/ foam
:15	Ø	3406.7	302.36	106.36	1800	32.02	523.75	Same
:45	0	3390.9	304.67	108.67	1800	31.20	841	Same
							Total gal pumped	
							830322.	

FILE EPA 1.10

Layne Christensen Company
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Date: 6-21-04 Page 21

Customer: City of S.B. #110 Stratford Job No. 27- 7995

Meter 1" X 326 Static level 195.86 Feet Airline depth 346.25 Feet Hours/Day 8 Total hours 112.25

Operator: T [illegible]

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
8:30	Step #	1	195.86		1330		769842.25 42.6
:35	5.3	1654.45	230.75	34.89	1330	47.41	862.9 -1 clear
:45	1.06	1620.22	233.06	37.2	1325	43.55	912.6 Pulled ↓
9:00	.26	1551.76	233.52	37.66	1325	41.20	984
:15	Ø	1501.77	233.63	37.77	1325	39.75	70053.1
:30	Ø	1437.66	233.06	37.2	1325	38.64	119.25
:45	Ø	1396.36	232.13	36.27	1325	38.49	183.5
10:00	Ø	1362.68	233.13	36.27	1325	37.57	246.2
:30	Ø	1353.44	231.90	36.04	1325	37.55	370.75
11:00	Ø	1352.9	232.48	36.62	1325	36.94	495.25
:30	Ø	1346.92	232.48	36.62	1325	36.78	619.2
12:00	Ø	1342.03	233.06	37.2	1325	36.07	742.7
:30	Ø	1339.86	233.06	37.2	1325	36.01	866
				Step #2			
:35	Ø	2079.88	252.11	56.25	1501	36.97	897.9
:45	Ø	2053.8	253.85	57.99	1501	35.41	961.5
1:00	Ø	2042.93	253.85	57.99	1501	35.22	1055.5
:15	Ø	2032.06	253.85	57.99	1501	35.04	149
:30	Ø	2021.2	254.31	58.45	1501	34.57	242
:45	Ø		255.00	59.14	1500		
2:00	Ø	2015.76	255.00	59.14	1501	34.08	427.5
:30	Ø	2004.9	255.00	59.14	1501	33.89	612
3:00	Ø	2037.5	256.73	60.87	1501	33.46	830.75 +5 min
25 min :30	Ø	2034.2	256.16	60.30	1501	33.73	986.75 -5 min
4:00	Ø	2032.1	258.47	62.61	1501	32.44	2173.75
:30	Ø	2026.6	258.47	62.61	1501	32.37	360.25

Layne Christensen Company
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Date: 6-21,22-04 **Page** 22

Customer: City of S.B. #110 Step test **Job No. 27-** 7995

Meter 12" X 326

Static level 195.86 **Feet**
Airline depth 346.25 **Feet**

Hours/Day 8
Total hours 120.25

Operator: T. Nguyold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
			Step	#3	1625		360.25
4:35	Ø	2493.9	267.7	71.85	1625	34.71	398.5
:45	Ø	2518.4	270.0	74.16	1626	33.96	475.75
5:00	Ø	2499.3	270.0	74.16	1626	33.70	590.75
:15	Ø	2504.8	270.0	74.16	1626	33.78	706.0
:30	Ø	2488.5	270.0	74.16	1626	33.56	820.5
:45	Ø	2499.3	270.0	74.16	1626	33.70	935.5
6:00	Ø	2488.5	270.0	74.16	1626	33.56	3050.0
:30	Ø	2488.5	272.3	76.47	1626	32.54	279.0
7:00	Ø	2487.6	272.3	76.47	1626	32.53	507.75
:30	Ø	2480.3	272.3	76.47	1626	32.43	736.0
8:00	Ø	2483.0	274.6	78.78	1626	31.52	964.5
:30	Ø	2472.2	274.6	78.78	1626	31.38	192.0
				Step #4	1700		
:35	Ø	2966.6	290.8	94.95	1700	31.24	237.5
:45	Ø	2999.2	290.8	94.95	1700	31.59	329.5
9:00	Ø	2988.3	293.1	97.26	1700	30.72	467.0
:15	Ø	2982.9	293.1	97.26	1700	30.67	604.25
:30	Ø	2982.9	294.3	98.42	1698	30.31	741.5
:45	Ø	2977.5	294.3	98.42	1698	30.25	878.5
10:00	Ø	2982.9	295.4	99.57	1698	29.96	015.75
:30	Ø	2966.6	295.4	99.57	1699	29.79	288.75
11:00	Ø	2963.9	295.4	99.57	1699	29.76	561.5
:30	Ø	2961.2	297.7	101.88	1699	29.07	834.0
12:00	Ø	2961.16	298.06	102.20	1699	28.97	6106.5
:30	Ø	2947.58	297.74	101.88	1699	28.93	377.75

Layne Christensen Company

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Date: 6-22-04 **Page** 23

Customer: City of S.B. Hill Step test **Job No. 27-** 7995

Meter 12" X 32.6

Static level 195.86 **Feet**
Airline depth 246.25 **Feet**

Hours/Day 20
Total hours 124.25

Operator: T. Nunnold

Time	P.P.M.	G.P.M.	Pumping Level	Draw-down	Engine R.P.M.	Specific Capacity	Comments Meter Reading
			Step #5		1850		377.75
12:35	&	3553.4	313.91	118.05	1847	30.10	432.25
:45	&	3569.7	317.37	121.51	1847	29.37	541.75
1:00	&	3564.26	318.53	122.67	1847	29.05	705.75
:30	&	3550.68	320.84	124.98	1847	28.41	[illegible]
2:00	&	3542.53	323.15	127.29	1847	27.87	358.5
2:30	&	3537.1	325.46	129.6	1847	27.29	684
3:00	&	3528.95	325.46	129.6	1847	27.22	8008.75
3:30	&	3526.23	325.52	129.66	1847	27.19	333.25
4:00	&	3518.08	325.52	129.66	1847	27.13	657
4:30	&	3520.8	325.52	129.66	1847	27.15	981
							Total gal pumped
							2979232.5