

EXHIBIT B

Antelope Valley Indian Museum
Water Acre Feet Usage

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
January		0.13963	0.11508	0.05125	0.07690	0.09628	↓	↓	0.08213	0.09608
February		0.03284	0.05441	0.03808	0.07114	0.15111	↓	↓	0.08436	0.08312
March		0.11008	0.06175	0.12395	0.10456	0.22239	↓	↓	0.07784	0.06714
April		0.11824	0.16578	0.11076	0.00363	0.10080	↓	↓	0.13100	0.09343
May		0.09728	0.16388	0.16480	0.35730	0.16921	↓	0.63771	0.10603	0.13367
June		0.09989	0.30796	0.08829	0.37885	0.19912	↓	0.07603	0.11509	0.13321
July		0.38831	0.42041	0.00514	0.25983	0.19852	↓	0.18492	0.27774	0.15536
August		0.42105	0.14749	0.15983	0.07387	0.29688	↓	0.11331	0.19427	0.12166
September		0.20344	0.06580	0.15258	0.09182	0.18497	↓	0.19953	0.11131	0.13709
October		0.07292	0.05156	0.10261	0.08443	0.12093	↓	0.10127	0.16358	0.11996
November	0.03471	0.05076	0.05493	0.16482	0.11367	0.09278	↓	0.10376	0.12182	0.11553
December	0.05757	0.03081	0.05078	0.05831	0.04153	0.09969	↓	0.08404	0.12460	0.00000
ACRE FEET	0.09228	1.76525	1.65983	1.22042	1.65753	1.93268	1.53051	1.50057	1.58977	1.25625

We are missing water system records for Antelope Valley Indian Museum for the year 2009 and the first 5 months of 2010. Below is the estimated monthly and annual usage for the 17 months. The meter reading for

May 1, 2010 328393 Cubic feet

Jan 1, 2009 233838 Cubic feet

Difference 94455 Cubic feet (7.48 gallons/1.0 Cubic feet) = 706,523 gallons /17 mnts= 41560 gals /month

So we approximate the use of 498,720 gallons or 1.53051 acre feet for the year 2009 and for the 5 months of 2010 we approximate 207,800 gallons of water or 0.63771 acre feet.

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Nov. Year 2012

Bacti Sample Taken: Date 11/5/12 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1				481962			
2							
3							
4							
5	1250	0.56	16oz/5gal	482913	✓	crack level 6 gallons	an
6						chlorinator - OK	
7							
8							
9							
10							
11							
12							
13	1440	0.68	16oz/5gal	484865		crack level 2.0 gallons	an
14						Mix 8 gallons total 10gal	
15						chlorinator - OK	
16						Tanks - OK	
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28						Tanks - OK	
29						chlorinator - OK	
30	1100	0.76	16oz/5gal	487015		crack level 5 gallons	an
31						Mix 5gal. total 10 gallons	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 101912 - 101915 - 101917. 11/7/12 11:44 AM

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Oct. Year 2012

Bacti Sample Taken: Date 10/2/12 By (Initials) Ar Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	1300	0.67	16oz/5gal	476736	✓	Crack Level 8 gallons Ar	
3						Tank - OK	
4						Chlorinator - OK	
5							
6							
7							
8	1300	0.52	16oz/5gal	477992		Crack Level - 5 gallons Ar	
9						Mix 5 gallons Total 10 gallons	
10						Tank - OK	
11						Chlorinator - OK	
12						Exercised valve	
13						Water tanks	
14							
15	1340	0.52	16oz/5gal	479380		Crack Level 7 gallons Ar	
16						Tanks - OK	
17						Chlorinator - OK	
18							
19							
20							
21							
22							
23							
24	1140	0.50	16oz/5gal	480869		Crack level - 5 gal crack	
25						Chlorinator - OK	
26						Tanks - OK	
27						Mixed 5 gal Cl ₂ = Total 10 gal	
28							
29	1345	0.59	16oz/5gal	481962		Crack Level 8 gallons Ar	
30						Chlorinator - OK	
31						Tanks -	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page
 491917 - 476726 = 5226 x 742 = 20990 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Sept. Year 2012

Bacti Sample Taken: Date 9/4/12 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1			16oz/5gal	470764			
2							
3							
4	1300	0.44	16oz/5gal	472026	✓	Crock Level 7gal	AW
5						Chlorinator - OK	
6						Water Tanks - OK	
7							
8							
9							
10							
11	700	.5	5gal/16oz	473030		Filled Crock 10gal	AW
12							
13							
14							
15							
16							
17							
18							
19	730	.48		474242			AW
20							
21							
22							
23							
24							
25	1530	0.31	16oz/5gal	475492		Mix 5 gallons	AW
26						Sodium Hypochlorite	
27						Tanks - OK	
28						Chlorinator - OK	
29							
30				476736			
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 476726 - 476714 - 507774 - 144170 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month August Year 2012

Bacti Sample Taken: Date 8/7/12 By (Initials) aw Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1	0950	0.57	16oz/5gal	465464		Crock Level 10 gallons	aw
2							
3							
4							
5							
6							
7	1330	0.61	16oz/5gal	466856	✓	Crock Level 8 gallons	aw
8							
9							
10							
11							
12							
13							
14	1045	0.55	16oz/5gal	468119		Crock Level 5 gallons	aw
15						Mixed 5 gallons - Total 10 gal.	
16						Chlorinator - OK	
17						Water Tanks - OK	
18						Exersised Valves	
19						Water Tanks	
20	1404	0.43	16oz/5gal	469223		Crock Level 8 gal	aw
21						Chlorinator - OK	
22						Water Tanks - OK	
23							
24							
25							
26							
27							
28	1155	0.57	16oz/5gal	470764		Crock Level 5 gallons	
29						Add 5 gallons Total 10 gallons	
30						Chlorinator - OK	
31						Water Tanks	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $470764 - 465464 = 5,300 \times 7.48 = 39,644$ Gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 2012

Bacti. Sample Taken: Date 7/3/12 By (Initials) ar Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1				458696			
2							
3	1200	0.45	16oz/5gal	4605560	✓	Crock Level - 3 gallons	ar
4						Added 5 gallons Total 8gal	
5						Chlorinator - OK	
6						Water Tanks - OK	
7							
8							
9							
10	1045	0.44	16oz/5gal	461700		Crock Level 5 gallons Mixed 5 gallons Total 10 gallons	ar
11						Chlorinator - OK	
12						Tanks - OK	
13							
14							
15							
16							
17	745	.41		462859		5gal, Crock	ar
18						TANKS - OK	
19							
20							
21							
22							
23							
24	720	.42		463888		6gal ADD 4gal	ar
25						TANKS OK	ar
26							
27							
28							
29						Crock level 6gal.	ar
30						Chlorinator - OK	
31	0950	0.57	16oz/5gal	465464		Tanks -	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 465464 - 450691 = 6768.0ft (7.78 gal) = 50,625 gal

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month June Year 2012

Bacti Sample Taken: Date 6/5/12 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	0930	0.57	16oz/5gal	452893		Crack level 12 gallons	an
2							
3							
4							
5	1230	0.44	16oz/5gal	454915	✓	Crack Level 7 gallons	an
6						Chlorinator -	
7						Water Tanks -	
8							
9							
10							
11							
12	1420	0.48	16oz/5gal	456502		Crack Level 5 gallons	an
13						Mix 5 gallons Cl ₂	
14						Total 10 gallons	
15						Tanks	
16						Chlorinator -	
17							
18	1500	0.39	16oz/5gal	457356		Crack level 8 gallons	an
19						Chlorinator - OK	
20						Tanks	
21							
22							
23							
24							
25							
26	1023	0.50	16oz/5gal	458696		Crack Level 6 gallons	an
27						Chlorinator OK	
28						Water Tanks	
29							
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $458696 - 452893 = 5803 \text{ cutt} + (7.48 \text{ gallons}) = 43,406 \text{ gallons}$ 0.13321

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2012

Bacti Sample Taken: Date 5/8/12 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	cuft	FACT	Notes	By:
1								
2	1100	0.60	16oz/5gal	447070			Crack level 7 gallons	AW
3							Chlorinator - OK Water Tanks - OK	
4								
5								
6								
7								
8	1230	0.52	16oz/5gal	447857		✓	Crack level 5 gallons	AW
9							Add 5 gallons = 10 gal.	
10							Chlorinator - OK	
11							Water Tanks - OK	
12								
13								
14								
15								
16								
17								
18								
19								
20								
21	1035	0.59	16oz/5gal	450273			Crack Level 6 gallons	AW
22							Chlorinator - OK	
23							Water Tanks - OK	
24								
25								
26								
27								
28								
29								
30	0930	0.57	16oz/5gal	452893			Crack Level 2 gallons	AW
31							Mixed 8 gallons - Total 10 gallons	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $452893 - 447070 = 5823 \times 7.48 = 43,556$ gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month April Year 2012

Bacti Sample Taken: Date 4/9/12 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1				443000			
2							
3	1110	0.45	16oz/5gal	443470		Crack Level 8 gallons	an
4						Chlorinator OK	
5						Water Tanks OK	
6							
7							
8							
9	1015	0.52	16oz/5gal	444128	✓	Crack Level 7 gal	an
10						Chlorinator - OK	
11						Water Tanks - OK	
12						Well came up	
13						positive - coliform	
14							
15							
16	1230	-		444886		Well shut down for disinfection	an
17							
18	1030	0.52	16oz/5gal	444886		Crack Level 6 gal	an
19						Flash Chlorine from	
20						Water Well	
21							
22							
23	1055	0.94	16oz/5gal	445853		Crack Level 4 gallons	an
24						Add 5 gal. Total 9 gal	
25						Chlorinator - OK	
26						Water Tanks -	
27							
28							
29							
30	1100	0.60	16oz/5gal	447070		Crack Level 7 gallons	an
31	Total: 447070 - 443000 = 4070 gal				(748oz / 16oz) = 46.75 gal	Chlorinator - OK	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 30,444 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bact. Sampling

Month March Year 2012

Bacti Sample Taken: Date 3/6/12 By (Initials) aw Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				440075			aw
2							
3							
4							
5							
6	1310	0.52	16oz/5gal	440638	✓		aw
7							
8							
9							
10							
11							
12							
13	1000	0.56	16oz/5gal	441573		Crack Level 6 gallons	aw
14						Chlorinator OK	
15						Water Tanks OK	
16							
17							
18							
19							
20	1300	0.52	16oz/5gal	442292		Crack Level begin 5gal	aw
21						Mixed 5 gallons 1/2	
22						Crack Level Finish 10gal	
23						Chlorinator OK	
24						Tanks OK	
25							
26							
27	1258	0.46	16oz/5gal	442921		Crack Level 9gal	aw
28						Tanks OK	
29						exercised valves at	
30						Water Tanks	
31				443000			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. Monthly Water Use 2925 cu. ft x 7.48 = 21,879 gallons 0.06714

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Feb Year 2012

Bacti Sample Taken: Date 2/6/12 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1	1200	0.65	16oz/5gal	436454		Crack Level 8 gal	an
2							
3							
4							
5							
6	1300	0.58	16oz/5gal	437055	✓	Crack Level 8.7 gal	an
7						Tanks OK	
8							
9							
10							
11							
12							
13	1115	0.58	16oz/5gal	437691		Crack Level 6 gallons	an
14							
15							
16							
17							
18							
19							
20							
21							
22	1049	0.63	16oz/5gal	438961		Crack Level 5 gallons	an
23						Mixed 5 gal. Total 10 gal	
24						Tanks OK	
25						Chlorinator OK	
26							
27							
28							
29	1420	0.53	16oz/5gal	440075		Crack Level 9 gal	an
30						Tanks OK	
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $440075 - 436454 = 3621 \times 7.48 = 27.085 \text{ gal}$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month January Year 2012

Bacti Sample Taken: Date 1/10/12 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	1015	1.14	16oz/5gal	432237			an
2							
3	1430		16oz/5gal	432625		Crock Level 5 gallons Mix 5 gallons Total 10 gal.	an
4							
5							
6							
7							
8							
9							
10	1300	0.91	16oz/5gal	433810	✓	Pipe Replaced between well & water tanks	an
11							
12							
13							
14						Crock Level 8 gallons	
15							
16							
17	1420	0.76	16oz/5gal	434973		Crock Level 6 gallons	an
18						Tanks OK	
19							
20							
21							
22							
23							
24							
25	1400	0.67	16oz/5gal	435662		Crock Level 5 gallon	an
26						Mixed 5 gal. Total	
27						10 gallons	
28						Tanks OK	
29							
30						Exercised Valves WT	
31	1200	0.65	16oz/5gal	436454		Crock Level 8 gallons	an

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $436454 - 432237 = 4217 \text{ gal} \times 7.48 = 31,543 \text{ gallons}$

Chlorinator ✓
 Pump: 70
 Stroke: 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month December Year 2011

Bacti Sample Taken: Date 12/5/11 By (Initials) dr Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				426809			
2							
3							
4	1240	0.67	16oz/5gal	428289	✓	crack level 1 gal	dr
5						Add 9 gallons Total	
6						10 gal	
7						Replaced 2 1/2" gate valves of water tank drain lines	dr
8	1500					Mixed 5 gallons	dr
9						Chlorine	
10							
11							
12							
13							
14	1230	0.63	16oz/5gal	430012			
15							
16							
17							
18							
19							
20							
21							
22	0900	0.57	16oz/gal	431573		crack level 8 gal	dr
23							
24							
25							
26							
27	1120	1.21	16oz/gal	431970		Crack Level 7 gal.	dr
28						Tanks OK	
29							
30	1015	1.14	16oz/gallon	432237		Crack Level 6 gallons	dr
31						Tanks OK, Exercised valves	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $432237 - 426809 = 5428 \times 7.48 = 40,601$ gallons

Chlorine Pump
 Speed - 70
 Stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month November Year 2011

Bacti Sample Taken: Date 11/01/11 By (Initials) ar Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1		0.59	16oz/5.0 gal	421502		Crock Level 7 gallons	
2							
3							
4							
5							
6							
7							
8	1243	0.67	16oz/5.0 gal	422455	✓	Crock Level 5 gallons Mix 5 gallons Cl ₂	
9						Finish level 10 gallons	
10						Water Tank OK	
11							
12							
13							
14	1330	0.57	16oz/5 gal	423408	✓	Crock Level 9 gallons	
15							
16							
17							
18							
19							
20							
21	1050	0.42	16oz/5 gal	424657		Crock Level 5 gallons	
22						Add 5 gal = 10 gallons	
23							
24							
25							
26							
27							
28							
29							
30	1430	0.61	16oz/5 gal	426809		Crock Level 5 gallons	
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. (5307 cuft) ($\frac{7.48 \text{ gallons}}{1.0 \text{ cuft}}$) = 39,696.36 Gallon

Chlorine Pump

Speed - 70
Stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month October Year 2011

Bacti Sample Taken: Date 10/4/11 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1				414374			
2							
3							
4	1230	0.48	16oz/5gallons	415642	✓	crack level Cl ₂ - 5 gallons Mix 5 gallons Total 10gal	AW
5						sample site #1 tested positive coliform	
6						super chlorinated	
7						Water tanks & Well	
8						Flushed hydrants	
9						& Hose bibbs.	
10	1030	1.15	16oz/5gallons	417961		Crack level 5 gallons	AW
11						Mix 5 gallons - Total 10gal.	
12							
13							
14							
15							
16							
17							
18	1500	0.45	16oz/5gal	419609		Crack Level 7 gallons	AW
19						Tanks OK	
20							
21							
22							
23							
24	1500	0.84	16oz/5gal	420741		crack level 4 gallons	AW
25						Mixed 5 gal. Cl ₂	
26						Finished Crack (L&L)	
27						4 gallons	
28							
29							
30						Tanks OK	
31	0945	0.59	16oz/5gal	421502		Crack Level 7 gallons	AW

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. Water Use = 27126 Luff = 53,302 gallons

Pump
 speed - 70
 stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Sept Year 2011

Bacti Sample Taken: Date 9/1/11 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	cuft	Notes	By:
1	1300	0.53	16oz/5gal	408864		Mixed 2 gallons Cl ₂ crack pull of 10 gallons	AW
2	800	0	16oz/5gal	409525		MIXED 10 GALLONS Cl ₂ 22/10/10	JL
3							
4							
5							
6							
7							
8							
9	12:08	0.5		409598		PUMPS BACK ON	
10	7:40			41163.6			
11	8:05	1.5		412076			
12							
13							
14							
15							
16							
17							
18							
19							
20						RAW SAMPLE	
21	1006	0.95	16oz/5gal	413519		chlorine crack empty pump plugged in to Henry electrical	
22						receptor ran constantly	
23						Mix 10 gallons Cl ₂	
24							
25							
26							
27	1145	0.47	16oz/5gal	414374		Crack Level 8 gallons	AW
28						Cl ₂	
29						Water Tanks (OK)	
30				414374			
31				+ 409525 = 4819		x 7.48 = 36,270 gallons	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

0.11131

36,270 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Speed Pump 70
Pump stroke 70
Month August Year 2011

Bacti Sample Taken: Date 8/9/11 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bacti	Notes	By:
1	1030	1.06	16oz/5gal	400401		Clock Level 10gal	an
2						Tanks OK	
3							
4							
5							
6							
7							
8							
9	1230	1.00	16oz/5gal	402825	X	Clock Level 3 gallons	an
10						Mixed 5 gallons Total	
11						8 gallons Cl ₂	
12							
13							
14							
15							
16	1338	0.85	16oz/5gal	405622		clock level empty. Mixed 10 gallons Cl ₂ . cleaned	an
17						out clock tank &	
18						cleaned pick-up	
19						screen for pump in	
20						clock tank Excessed	
21						Tank valves. Tanks OK	
22							
23	1315	0.63	16oz/5gal	407248		clock level 6 gallon mixed 4 gallons	an
24						Finish level 10 gallons	
25						Cl ₂ . Tanks OK	
26						Drain valves	
27						Leaking	
28							
29							
30	1300	0.53	16gal/5gal	408864		Mixed 2 gallons	
31						Cl ₂ in Clock	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. Total = 8463 cuft (7.48 gallons) = 63,303 gallons

pump stroke 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 2011

Bacti Sample Taken: Date 7/5/11 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				388302			
2							
3							
4							
5	1218	0.82	16oz/5gal	394645		✓ Crack Level 2 gallons AW	
6						Filled Crack 10 gallons	
7						+ mixed Cl ₂	
8						Tanks OK	
9							
10							
11							
12	1440	1.00	16oz/5gal	396140		Crack Level 6 gallons AW	
13						Tanks OK	
14							
15							
16							
17							
18							
19	1336	0.98	16oz/5gal	397528		Crack Level 3 gallons AW	
20						Mixed 7 gallons Cl ₂	
21						Final Crack Level	
22						10 gallons	
23						Tanks OK	
24							
25							
26							
27							
28							
29							
30						Mixed 8 gallons Cl ₂	
31	1030	1.01	16oz/5gal	400401		Crack Level 2 gallons AW	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 12,099 cuft (748 gal) Finished Crack Level 10 gallons 90.500 cuft 10 gallons 0.27774

cuft

ump spec

Speed 70
Stroke 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month June Year 2011

Bacti Sample Taken: Date 6/11 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	1100	0.89	16oz/5gal	388302 cuft			AW
2							
3							
4							
5							
6							
7							
8	1230	0.97	16oz/5gal	389545	✓	Crock Level 4 gallons	AW
9						Add 5 gal total 9 gallons	
10						Water Tanks + Vents OK	
11							
12							
13	1330	0.81	16oz/5gal	390497		Crock Level 8 gallons	AW
14						Tanks OK	
15							
16							
17							
18							
19							
20							
21	1130	0.87	16oz/5gal	391740		Crock Level 5 gallons	AW
22						Mix 5 gallons, Finish 10	
23						gallons	
24						Water Tanks OK	
25						Cleared brush away	
26						from tanks LU	
27							
28	1430	1.00	16oz/5gal	393316		Crock Level 6 gallons	AW
29						Replace bottom door	
30						sweep well house	
31			Total	5014 cuft = 37,504 gal		Need trimmed around water	Tanks OK

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 5014 cuft X 7.48 = 37,504 gallons 11509

Pump Speed
 Speed 70
 Stroke 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2011

Bacti Sample Taken: Date 5/4/11 By (Initials) an Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3	1100	0.51	16oz/5gal	383683		crack level 5 gallons	an
4	1215	0.57	16oz/5gal	383934	✓	Mixed 5 gallons Cl ₂	
5						Final crack level 10 gallons	
6						Water Tanks - OK	
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19	1000	0.65	16oz/5gal	386379		Crack level 3 gallons	an
20						Mixed 5 gallons Cl ₂	
21						Total 8 gallons	
22							
23	1200	0.78	16oz/5gal	386935		Crack Level 6 gallons	an
24							
25							
26							
27							
28							
29						Tanks OK	
30						Mixed 5 gallons Cl ₂ Final level 8 gallons	
31	1100	0.89	16oz/5gal	388302		Crack Level 3 gallons	an

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $4619 \text{ cuft} \left(\frac{7.48 \text{ gallons}}{1 \text{ cuft}} \right) = 34,550 \text{ gallons}$ on 10/10/03

Pump speed
 Speed - 70
 Stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month April Year 2011

Bacti Sample Taken: Date 4/11/11 By (Initials) aw Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	PACT	Notes	By:
1			16 oz / 5 gal bus	377189			
2							
3	1130	0.36	16.0 oz / 5 gal	377976		7.0 gallons Crack Level	aw
4						seeded tanks for	
5						each Cl ₂	
6						Tanks - OK	
7							
8							
9							
10	10						
11	1030	0.73	16 oz / 5 gal bus	379331	✓	Crack Level 4 gallons	aw
12						Sealed holes in water	
13						well building for	
14						Rodents	
15						Tanks OK	
16							
17							
18							
19	1400	0.62	16 oz / 5 gallons	380679		Crack Level 6.5 gallons	aw
20						Tanks OK	
21							
22							
23							
24							
25	1040	0.56	16 oz / 5 gallons	381751		Crack Level 4.0 gallons	aw
26						Mixed 5 gallons Cl ₂	
27						Crack level 9.0 gallons	
28						Tanks OK exercised	
29						valves at Tanks	
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $5707 \text{ Latt} \left(\frac{7.48 \text{ gallons}}{1.0 \text{ cubic}} \right) = 42,688 \text{ gallons}$ 12100

Pump Speed
Speed - 60 70
Stroke 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month March Year 2011

Bacti Sample Taken: Date 3/7/11 By (Initials) AW Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	1250	0.48	160 ^{mg} /5 gallons	373798		Crock Level - 6 gallons	AW
2						Tanks OK	
3							
4							
5							
6							
7	1138	0.49	160 ^{mg} /5 gal	374593	✓	Mixed 5 gallons Cl ₂	AW
8						Crock Level 4 1/2 gallon	
9						Final Crock Level 9 1/2 gallons	AW
10						Tanks - OK	
11							
12							
13							
14							
15							
16	0930	0.44	160 ^{mg} /5 gal	375582		Crock Level 8 gallons	AW
17						Tanks OK Increased	
18						pump speed to 70	
19							
20							
21							
22							
23							
24							
25							
26							
27							
28	1142	0.45	160 ^{mg} /5 gal	377189		Crock Level 4 gallons	AW
29						Mix 5 gallons Final	
30						Crock Level 9.0 gallons	
31						Tanks OK	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $3391 \text{ wft} \cdot \left(\frac{7.48 \text{ gallons}}{1.0 \text{ cu ft}} \right) = 25,365 \text{ gallons}$ 3779A

Pump speed
 Speed - 60
 Stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month February Year 2011

Bacti Sample Taken: Date 2/8/11 By (Initials) AM Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	By:	Notes
1	1530	0.35	16 oz / 5 gal	370123 cuft		Crock Level 9 gallons <u>AM</u>
2	1200					Seeded Tanks 50z each Chlorine
3						Cr
4						
5						
6						
7						
8	1300	0.59	16 oz / 5 gal	371183 cuft	✓	Crock Level 7 gallons
9						
10						
11						
12						
13						
14						
15						
16	1430	0.57	16 oz / 5 gal	371211		PAINT 3 GALS
17	9:20	0.25	16 oz / 5 gal	372139		Crock Level 6.5 gallons
18						Mix 5 gallons Cl ₂ Soln
19						
20						
21						
22						
23						
24	0935	0.49	16 oz / 5 gal	373007 cuft		Crock Level 8.0 gal <u>AM</u>
25	1200			373007		Freezed Freezed
26						Water valves at storage
27						tanks and well. Vent
28	0810	.50	NONE	37362	1/75 OK	screens good at water tanks
29						
30						
31						

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $3675 \text{ cuft} \left(\frac{7.48 \text{ Gallons}}{1.0 \text{ cuft}} \right) = 27,489 \text{ gallons}$

Pump: Speed - 60
Stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month January Year 2011

Bacti Sample Taken: Date 1/11/11 By (Initials) MM Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2							
3							
4							
5	1430	0.50	16oz/5 gal	366545 cu ft		Crack Level 4 gallons start	
6						Mixed 5 gallons Chlorine	
7						Solution Crack Level 9 gallons	
8						Finish: Replaced missing	
9						cap on Storage tank drain line	
10							
11	1250	0.50	16oz/5 gal	367305 cu ft	✓	Crack Level 8 gallons	✓
12	1150		16oz/5 gal	36679			
13							
14							
15							
16							
17							
18	1450		12oz/4 gal	368079 cu ft		Mixed 4 gallons Cl ₂	7
19							
20							
21	1545	0.50	16oz/5 gal	368433 cu ft		Crack Level 9 gallons	
22							
23							
24							
25	1230	0.41	16oz/5 gal	369245		Crack Level 7 gallons	
26						11.6 Amp AC each leg	
27							
28							
29							
30	8:30	0.30	16oz/5 gal	369848		DOWN 5 GALLS	PL
31	1530	0.35	16oz/5 gal	370123			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. $3578 \text{ cu ft} \left(\frac{7.48 \text{ gallons}}{1.0 \text{ cu ft}} \right) = 26,763 \text{ gallons}$

Pump speed - 60
Stroke - 70

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Dec Year 2010

Bacti Sample Taken: Date 12/6/10 By (Initials) AW Additional? Raw

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	cuft	Notes	By:
1							
2							
3							
4							
5							
6	1225	0.46	16oz/5gal	362955	cuft	Crack Level 2.8 gal	AW
7						Mixed 5 gal Cl ₂ Solution	
8						Total 7.8 gal.	
9							
10							
11							
12							
13							
14	1425	0.39	16oz/5gal	363899	cuft	Crack Level 5.0 gal	
15						Injector leaking needs to	
16						be replaced. Cracked housing	
17						Mixed 5 gal Cl ₂ total 10.0 gal	
18						Crack Level	
19							
20	1400	0.24	16oz/5gal	364720	cuft	Replaced Cl ₂ injector	
21						Crack level 8.0 gallons	
22						Seeded tanks 5.0 gal each	
23							
24							
25							
26						Monthly Total	
27						3661 cuft 27384 gallons	
28	1230	0.44	16oz/5gal	365714	cuft	Crack Level 6.0 gallons	
29						Exercised water valves	
30						at water tanks, tank	
31						Vent screens ok, Tank drain	

~~1534 cuft~~
~~590 cuft~~

312 cuft

*** Note any complaints, outages, repairs, improvements, or non-standard screen activities on the back of this page.

0.084M 3661 x 7.49 = 27,384 gallons Increase Pump Stroke 75 Needs to be replaced Speed 15

12/29/10

Pump speed 60
Stroke 80

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Nov Year 2010

Bacti Sample Taken: Date 11/9/10 By (Initials) aw Additional? RAW

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3							
4							
5							
6							
7							
8						Crac level 15 gallons	
9	12:00	0.5	16oz Multiclor to 5 gallons H ₂ O	358981		Mixed 5 gallons Crac level 20 gallons	aw
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24	1600	0.5	16oz/5gal	361421		Crac level 18 gal	aw
25							
26							
27							
28							
29							
30							
31							

1990
1136
2440

944 cups
Total 4520'

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

33810 gallons
33,810 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Oct Year 2010

Bacti Sample Taken: Date 10/5/10 By (Initials) an Additional? RAW

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				3530.887			
2	7:25						
3							
4							
5	1400	0.38		3540.61	✓	Chem Pump setting Speed 60 Stroke 70	an
6							
7							
8							
9							
10							
11							
12							
13	9:00	1.3	24.40 ^{mg/l} /ccul	3550.27		add 30 mg all water	PS
14						check for pump	
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26	8:00	1.3	10ccul	3569.91		45als) add 30 mg all water	PS
27							
28							
29							
30							
31						33,000' gallons	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

0.10127
33,000 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 5 Year 0

Bacti Sample Taken: Date 7/11 By (Initials) PS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	7:07	.3	7.5 gal	34577		initial bacti sample taken	PS
2							
3							
4							
5							
6							
7	8:16	.1	7.5 gal	345715			PS
8							
9							
10							
11							
12							
13							
14	8:05	.3	10.5 gal	347096			PS
15							
16							
17	7:56		8.5 gal	349258		500000	PS
18							
19	8:30	.2	8.5 gal	350251			PS
20							
21							
22							
23	7:40	.3	7.5 gal	351253		add 200000 gallons H ₂ O	PS
24							
25							
26							
27	9:51	.3	8.5 gal	352375			PS
28							
29	8:30		10.5 gal	352918		add 200000 gallons H ₂ O	PS
30						62,241 gallons	
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$353289 - 344597 = 8692 \times 7.48 = 65,016 \text{ gallons} \quad 0.19953$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Aug Year 10

Bacti Sample Taken: Date 8/11/10 By (Initials) PS Additional? None

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				339661			
2							
3							
4	9:06	.2	8 1/2 gals	340098			PS
5	1:20	.2		340488			PS
6							
7							
8							
9							
10							
11	7:57	.3	8 gals	341096	✓		PS
12							
13							
14							
15							
16							
17	7:05	.2	7 gals	341708			PS
18	9:09	.2	7 gals	341802		add cups 4 gals Bring up che	PS
19							
20							
21							
22							
23							
24							
25	12:08	.2	7 gals	343358			PS
26							
27							
28							
29							
30							
31				344577		36.921 gallons	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$344597 - 329161 = 4936 \times 7.48 = 36.921 \text{ gallons } 0.11331$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 10

Bacti Sample Taken: Date 7/4/10 By (Initials) PS Additional? RAW

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1				331605			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14	8:17	1	40 100%	3357684183		NO chlorine in creek	PS
15						500 tanks	
16							
17							
18							
19							
20					500 H		
21	9:30	.9	40 100%	3357891301		NO chlorine in creek	PS
22						changed out 3 chlorine pumps	
23	7:15	.7	100%	337288			PS
24							
25							
26							
27							
28							
29	6:38		100%	339248	1	total 26 chlorine 500 H 20	PS
30							
31	9:00		100%	339661		60,258.80 gallons	PS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$339661 - 331605 = 8056 \times 7.48 = 60,258 \text{ gallons } 0.18492$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month June Year 18

Bacti Sample Taken: Date 6/18/10 By (Initials) RS Additional? Pen

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2							
3							
4							
5	9:00	2	106mls	328293		1 1/2 chl. 6 H ² O	RS
6							
7	9:00	2	106mls	328585		1 1/2 chl. 6 H²O	RS
8			9 1/2 gals				
9							
10							
11	7:45	2	9 1/2	328966		10.3 chl. 6 H ² O	RS
12							
13							
14							
15							
16	1:31	2	8 gals	329787		water samples	RS
17							
18							
19							
20							
21							
22							
23	10:50	2	7 gals	333414			RS
24							
25							
26							
27							
28							
29							
30				331605		24773.76 gallons	
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$331605 - 328293 = 3312 \times 7.48 = 24,773 \text{ gallons}$$

0.07603

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month DEC Year 08

Bacti Sample Taken: Date 12/2/08 By (Initials) PSLS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	8:54			229495		10 chbf. 56 gal 100	PS
3							
4							
5							
6							
7							
8						6 Gals, incrock	PS
9	8:35	0.2		221198		1-9 usage is 1.703 Gals	PS
10				231963			
11							
12							
13							
14	12:30			231963		10.5 gal. water	KB
15							
16							
17							
18							
19							
20							
21							
22							
23							
24	8:00			233838			PS
25				190850			
26				43,289			
27							
28						total amount	
29						Production	
30						CF	
31						19288 + 241 67289	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$233838 - 229495 = 4343 \times 7.48 = 32485 \text{ gallons } 0.09969$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Nov Year 09

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3							
4							
5							
6	8:00			225453		8 Gals in Crook	PS
7	8:48			225541		Put blue on Pan spilt	PS
8						where samples are taken	
9							
10							
11							
12	9:00	0.3		225969		sample tray taken 9:30	PS
13							
14							
15							
16							
17	9:00			227370		added 5 gal. water	KPS
18	9:05			227651		in black	PS
19							
20							
21							
22							
23							
24							
25							
26							
27							
28	10:34			229081			PS
29							
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

0.09278

$$229495 - 225453 = 4042 \times 7.48 = 30.234 \text{ gallons}$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Oct Year 08

Bacti Sample Taken: Date 10-7-08 By (Initials) LPJ Additional? RAW

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1	3:00			220189			PS
2	2:30			220304		7gal Remaining ^{from} last ³ of ⁴² of ⁴²	PS →
3							
4							
5			60				
6							
7	7:15 AM	2+	60/65	221110	✓	eggs R	IDS
8							
9							
10							
11							
12							
13	8:30		60/65	222246		1cup of H ₂ O	PS
14							
15	12:30	2		222580		SEED TANKS ^{on} the ^{road}	IDS
16							
17							
18							
19	12:04			223685		76gals	B
20	11:00			223752		6 1/2 gals	PS
21							
22							
23							
24							
25							
26	1:15			224513		1c. 5 gal. water	PS
27							
28							
29							
30	7:40			224839			PS
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$225453 - 220189 = 5264 \times 7.48 = 39,374 \text{ gallons} \quad 0.12083$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Sept Year 08

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3							
4							
5							
6							
7							
8						2CC Chlor 10 Gal H ₂ O	
9	8:00			212131			
10				212131			
11							
12							
13							
14	9:00			21434		2 Cup 5 gal	
15	9:00			214990			PS
16	9:25			215112		water sample testing	PS
17							
18							
19							
20							
21							
22	1:30 p.m			217514		Broch 1C. 5gal water KB	
23							
24							
25							
26							
27							
28							
29	9:07			219242		1C. H ₂ O 56al H ₂ O	PS
30	8:24			219669			PS
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

0.18497

$$220189 - 212131 = 8058 \times 7.48 = 60,273 \text{ gallons}$$

Antelope Valley Indian Museum

Water System – Daily Chlorine, Production, Bacti Sampling

Month Aug Year 08

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	8:05	199198	2 1/2 c.	199198		8 Gal H ₂ O	PS
12	12:30	199372	1/2 c	199372		2 1/2 cups chlor	PS
13							
14							
15							
16							
17	7:00	202324		202324		8 Gal H ₂ O 1 1/2 c chlor	PS
18	8:25	.3		204500		Raw Water Sample 1/2 c chlor	PS
19	10:20			204807		urites Sample 5/8 c H ₂ O	PS
20							
21							
22							
23							
24							
25	10:00			207050		6 1/2 Gal H ₂ O 1 1/2 c chlor	PS
26							
27							
28							
29							
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

0.29688

$$2(2131 - 199198) = 12,933 \times 7.48 = 96,738 \text{ gallons}$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 198

Bacti Sample Taken: Date July 1988 By (Initials) WDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	12:00	.2	60/60	190590 CF		Running 4 gal R remaining (add 6.11% 10oz chl)	WDS
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14	9:30		60/60	193415 CF		4 gal R add 6.11% 10oz chl	WDS
15						around chl tank	
16	10:30	.2	60/60	193590 CF	X	water on floor?	WDS
17	12:00		15oz gal	193700 CF		Refill tanks	
18	7:00		Pump	195242 CF		5 1/2 gal R check tank	WDS
19							
20							
21	8:00 AM	.2	Run	195573 CF		4 1/2 gal R - add 5 1/2 H ₂ O 10oz chl	WDS
22							
23							
24							
25	7 AM	.2		196192 CF		8+ gal R	WDS
26							
27							
28							
29	8 AM	.2		196655 CF		77 Running	WDS
30							
31							

LINDA'S
VACATION

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$199198 - 190550 = 8648 \times 7.48 = 64,687 \text{ gallons}$$

0.19852

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month June Year 2003

Bacti Sample Taken: Date June 17 By (Initials) WDS Additional? No

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1				181876			
2							
3							
4							
5							
6							
7							
8	230		70/70			104 12 124 gal Chlor	WDS
9						prime	
10							
11							
12							
13							
14							
15							
16							
17	1100			185801		7 gal Rm	WDS
18				185880			
19							
20							
21							
22				187860			WDS
23						Checked pump	
24	1300	2*		187960		High R and 8% H ₂ O 17% WDS	
25							
26							
27	900 AM	2*	60/60	188194		9 gal R	WDS
28							
29							
30	1200		60/60	190550			
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

8674 CF
64,882 gal

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2008

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				174905			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13	4PM					1/2 R	WDS
14							
15							
16	9 AM					1R and 9 ^{PM} 12oz Chlor	WDS
17							
18	7:00 AM			179967			DS
19							
20							
21							
22							
23							
24						7371cf	
25							
26							
27							
28							
29				181876			
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

55,136gal

4-08

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month April Year 08

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1	8:00	60/60		170114		65 gal Mix	UDS
2	12:00					3 gal 7/11/20 12 gal Ch	
3							
4							
5							
6							
7							
8							
9	12			171740		3 gal R add 7 gal H ₂ O 12 gal Ch	UDS
10							
11							
12							
13							
14							
15							
16	8 AM	60/60		172817	✓	7 gal. Remaining	UDS
17							
18							
19							
20							
21							
22	0740	60/60		173202		6.35 gal	UDS
23							
24							
25				17391			
26							
27							
28							
29	3:15	60/60		174505			UDS
30							
31							

17391

17391

UDS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

32,845 gal

3-08

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Exact Sampling

Month March Year 2008

Bacter Sample Taken: Date 3-08 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Notes	By:
1				160 426		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12		60/100				
13	9 AM			165 390	File 10 gal H ₂ O 200g Cl 100	
14						
15						
16						
17						
18					Chlorinator was unplugged	
19	8:45			168 670	unplugged 9 gal Residual	
20						
21						
22						
23					Hose unattached today!	
24	10:30	.3	60/100	170 340	4 1/2 gal K dumping 100g with 4 1/2 gal H ₂ O by Chlorinator	
25						
26						
27						
28						
29					9688 g	
30						
31				170 114		

** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 0.22239

72,467 gal

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Feb Year 08

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1				153843			
2							
3							
4							
5	10:30		70/70	154715		Running - 9 1/2	UDS
6							
7	7:30	70/70	70/70	155242		9+ SEE TANK →	UDS →
8							
9	2:18			155994			PS.
10							
11							
12							
13	10:00	70	70/70	157895		Running 8 gal R	UDS
14							
15	12:30	4+	70/70	158562		Running 8 gal R	UDS →
16	7:40						
17							
18	7:40			159198		6+ Gal	PS
19							
20	9:00		60/60	160426		add 1 gal H ₂ O 10 mg Chl.	UDS
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							

6583CF

Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

H9, 241 gal
0.95111

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month June Year 1968

Bacti Sample Taken: Date 1-22-68 By (Initials) LOS Additional? 23rd 8 tests
29th

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	React	Notes	By:
1	8 AM	2-	66/65	149649		8 + gal	LOS
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20				152050		8g	
21							
22		1-	75/95	152235			
23							
24	9:30			153585		check pump - working Pump Valve pair stuck	LOS
25							
26							
27							
28							
29	7:30 AM			1537843		Samtha Watt. Misc Fall flow 200 miles check pump	LOS
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 0.09628

$4194 \text{ cF} \times 7.48 = 31,372 \text{ gal}$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Dec Year 17

Bacti Sample Taken: Date ¹²⁻⁴ 12-17 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1				14784		for NM?	WS
2							
3							
4	9AM	2:		14784	✓		WS
5							
6							
7							
8							
9							
10	8:15		60/65	14812		fix Chlorinator working good ☺	WS
11							
12							
13							
14							
15							
16							
17	8:50			14854		Water Samples 1. UCCO, 2. PFW	PS
18							
19							
20					✓		
21							
22							
23	8:30			148993			PS
24							
25							
26							
27							
28							
29							
30							
31	9AM	2	60/65	149649			PS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$149649 - 147840 = 1809 \times 7.48 = 13,531 \text{ gallons}$$

0.04153

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Nov Year 07

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	7:00	3	60/65	142878			IDS
2							
3							
4							
5							
6	15:10		60/65	143014		8 3/4 gal solution	JYJ
7	8:30 14:20		60/65	143357		2 gal R	IDS
8							
9							
10							
11							
12							
13	1:30 PM		60/65	145664		5 gal add 5 gal Ch	IDS
14							
15							
16							
17							
18							
19	3:00			146754		8 gal Reboiler	IDS
20							
21							
22							
23							
24							
25							
26							
27							
28	12:00			147550		8 gal - Orimed pump	IDS
29	12:20		60/65	147684		8 gal solution	JYJ
30							
31				14784			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$147840 - 142888 = 4952 \times 7.48 = 37,040 \text{ gallons}$$

0.11367

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Oct Year 2007

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Notes	By:
1				135210	2 gal	
2	12:00			139516	7 gal	UPS
3						
4						
5	11:00			139295		UPS
6	11:00			139763		PS
7	11:00			140455		PS
8						
9						
10	3:15		50%	141060	5 gal	UPS
11						
12						
13	11:20			141103		PS
14	11:30			141412		PS
15	08:20		60/65	141832	4 gal solution	JXX
16						
17						
18						
19				1417432 gal		
20						
21	10:25		60/65	141947	4 gal solution	JXX
22	10:00		60/65	142040	2 gal 6 gal H ₂ O 12oz Cl	UPS
23	10:00	3				UPS
24						
25						
26						
27	12:00		16/180	1422633	7.48%	PS
28	11:00			142472		PS
29						
30						
31	1:00	3		142888		MS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$142888 - 139210 = 3678 \times 7.48 = 27,511 \text{ gallons} \quad 0.08443$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Sept Year 2007

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1			65/65	135210			
2							
3							
4							
5	11:45		65/65	135774		2 gal. turned off	LDJ
6							
7							
8	11:30			135866			PS
9	10:45			138324			
10							
11							
12							
13							
14							
15							
16				137702 ?		5 1/2 gal solution	LDJ
17	13:00			1377.02 ?		5 1/2 gal solution	LDJ
18	8:36		137118	TANK IS FULL			LDJ
19						5	
20	7:30			137772		5 1/2 gal 4 1/2 gal 10 1/2 gal	LDJ
21						check tank	
22						Due to low Residual	
23							
24							
25							
26							
27	8:15			138738			PS
28	7:30			138713			PS
29	12:00			138812			PS
30	10:30			138971			PS
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$139210 - 135210 = 4000 \times 7.48 = 29,920$ gallons

C-09182

Antelope Valley Indian Museum

Water System – Daily Chlorine, Production, Bacti Sampling

Month August Year 2017

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

put ending down

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1							
2	9 AM		60/60	131992		4 gal. Resid. b/c 1 1/2 hrs. Old 4/25	
3							
4							
5							
6	8:30		60/60	132367		9 1/4 gal solution 7/24	
7							
8							
9	07:20		60/60	132443		9 gal solution 7/24	
10							
11							
12							
13	10:00		60/60	133350		7 1/2 R.	WS
14	11:00		60/60	133380		7 gal R.	WS
15							
16							
17							
18							
19							
20							
21	10:30	2	60/60	133987		6 1/2 gal R.	WS
22							
23							
24							
25							
26							
27	11:30		60/60	133998		6 TR ml	WS
28	1:00		60/60	135152			
29							
30							
31	1:00	2	60/60	135210		1288 (oz) Chl. 10 mg Chl	WS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$135210 - 131992 = 3218 \times 7.48 = 24,070 \text{ gallons} \quad 0.07387$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 2007

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3							
4	10:30		70/70	120673		primed pump - added 10 gal H ₂ O 20oz chl	WDS
5							
6							
7							
8							
9						2:30 checked - primed	
10				120683		still pumping - 16oz chl	
11				120733		pump running	
12							
13							
14							
15			60/65				
16	7:30			124644		2nd R add 8oz H ₂ O 14oz chl	WDS
17			80/90			while blowing	
18	8:15			127151		pump running 5 1/2 R	WDS
19	9:30		60/60	127964		add 6 1/2 gal H ₂ O 12oz Cl ₂ ^{new}	WDS
20							
21							
22							
23	8:50		60/60	129170		system running	WDS →
24				129172			
25							
26						5 gal H ₂ O 8oz chl.	
27	9:00		80/80	129172			WDS
28							
29			60/60				
30	2:00		60/60	130270		7 gal CR 1	WDS
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page

$$131992 - 120673 = 11319 \times 7.48 = 84,666 \text{ gallons} \quad 0.25983$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month June Year 2005

Bacti Sample Taken: Date 6-12-07 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1	7 AM			104169		clean Vate 10 gal 113 16 52	LDS
2							
3							
4							
5							
6							
7							
8							
9							
10							
11	7:30 AM			1096(25)		clean Vate	LDS
12						9 1/2 gal	LDS
13	8:00	.3	50/60	110715		9+	LDS
14							
15							
16							
17							
18	11:30	.3	50/60	112364		7.48 gal	
19							
20							
21							
22							
23							
24			60/70	120673			
25	12:00	.3	50/60	115916		6+	LDS
26							
27							
28							
29							
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$120673 - 104169 = 16504 \times 7.48 = 123,449$ gallons 0.37885

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2007

Bacti Sample Taken: Date 5-14-07 By (Initials) LDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3	11:30			0908604		1 1/2 gal remain add 8 H ₂ O 11oz Chlorine	LDS
4							
5							
6							
7							
8	06:40			090620		7 gal solution	LDS
9							
10	09:50			091360		5 7/8 gal solution	LDS
11							
12				093619 CP		2 gal (R) add 8 H ₂ O High W.S.	
13				0936720		* Bacti + Bact	
14	10 AM		00/70	0936720	✓	2 gal (R) add 8 H ₂ O 14 oz Chlorine	LDS
15							
16							
17							
18							
19							
20							
21							
22	4:30					4 gal (R)	LDS
23							
24							
25							
26							
27							
28							
29						Pump Running	
30	3:30		55/65	103354		add 1/2 gal to 10 oz Chlorine	LDS
31	10:00			104169			LDS

Handwritten calculations and notes:
 116426 gal
 15565 CF
 5456
 10

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

104169 - 88604 = 15,565 x 7.48 = 116,426 gallons 0.35730

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month April Year 2007

Bacti Sample Taken: Date 4-23 By (Initials) WDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3							
4	9 AM	0.25	69/75	083654		started pump mix shut off log w 10pp Ch WDS	
5							
6							
7							
8	2:30			084070		8x(R)	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22	9:30	.2		084960			
23	8:30	.2		084960	✓	1/2 Remaining	WDS
24							
25							
26							
27							
28							
29							
30				088604		1/2 Remaining	WDS
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$88604 - 83654 = 4950 \times 7.48 = 37026 \text{ gallons} \quad 0.11363$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 03 Year 07

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

0789.24

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	14:35		55/75	079099		9 1/4 gal solution	JYX
2							
3							
4							
5							
6	10:30		55/75	079274		9 gal (K)	WDS
7							
8	11:00		55/75	079754		8 3/4 gal solution	JYX
9							
10							
11							
12							
13							
14						8 gal	WDS
15	11:15			080414		8 gal	WDS
16						8 gal	
17							
18							
19							
20	9:30	.3		081053		RAW BACT	WDS
21						7-Remaining	
22							
23	08:20		55/75	081380		7 gal solution	JYX
24							
25							
26							
27							
28	3:15						
29						after pump - 7 gal	
30	1:15			083654			
31	1:15			074045			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$83654 - 79099 = 4555 \times 7.48 = 34,071 \text{ gallons}$$

0.10456

Antelope Valley Indian Museum

Water System — Daily Chlorine, Production, Bacti-Sampling

Month February Year 2007

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Notes	By
1				76000		UPS
2						
3						
4						
5		55/65 ↓	5			
6	000 PM	.3	55/65 ↓	76280	5 1/2 gal (R) good i	UPS
7						
8						
9	09:35		55/75	076289	6 gal solution	JH
10						
11						
12	12:20		55/75	077767	4 1/2 gal solution	JH
13						
14						
15						
16						
17	300	.3	55/75	078567	3R add 7 gal H ₂ O 12 oz Chlor. UPS	
18						
19						
20						
21						
22						
23						
24						
25						
26	09:35		55/75	078924	9 1/2 gal solution	JH
27						
28						
29						
30						
31						

21872

29248

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

79099 - 76000 = 3099 x 7.48 = 23,180 gal flows

0.07114

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti-Sampling

Month January Year 2007

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By
1				72650			
2							
3			70/70				
4							
5	8 AM			73100		9+g/L	W/S
6							
7							
8	10:00			073.20		9 gal LL solution	W/S
9							
10							
11							
12			70/80	7337			
13	5 AM						W/S
14							
15	8 PM			73890		Plumbing Running	W/S
16	3:15			74038	8 1/2	Back in operation	W/S
17							
18							
19							
20							
21							
22						RAW + Bact	
23	12:30			7		(3 gal R) Running	W/S
24							
25							
26							
27							
28							
29							
30	11:00	13		76000		6+R	W/S
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$76000 - 72650 = 3350 \times 7.48 = 25,058 \text{ gallons}$$

0.07690

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti-Sampling

Month Dec Year 2009

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1				70110			
2							
3							
4	9:30 AM	.2		71402			WDS
5							
6							
7							
8							
9							
10							
11							
12	8 AM	.2		71857		3 1/2 gal add 2000 6 1/2 H ₂ O WDS	
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29	3:20	.2		72650		9 gal	WDS
30				71402			
31				(Total 12494 cl)		(9335)	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$72650 - 70110 = 2540 \times 7.48 = 18,999 \text{ gallons}$$

0.05831

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 1/17 Year 2006

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	2 PM		65/60	62930			WDS
2	2:30		65/60	6298		5.5 gal R. add 8oz 59/100	WDS
3							
4							
5							
6							
7							
8							
9	3 PM		65/60	648.6		8 gal (R)	WDS
10							
11							
12						add 10 chlorine	
13						to 6 mil - 60/60	
14	12:45		65/60	06590		7 3/4 gal solution	JXX
15	1:15					7 gal	WDS
16							
17							
18							
19							
20							
21	08:45		65/60	06847		5 1/2 gal solution	JXX
22							
23	12:30		65/60	06905		5 1/2 gal solution	JXX
24							
25							
26							
27	11:45		65/60	070710		4 3/4 gal solution	JXX
28				6793			
29				(total 718)			
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$70110 - 62930 = 7180 \times 7.48 = 53,706 \text{ gallons} \quad 0.16482$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Oct Year 2006

Bacti Sample Taken: Date Oct 18, 06 By (Initials) LDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1				58460			
2							
3							
4							
5							
6							
7							
8							
9	08:38	.3	65/65	060461		system running 7 3/4 gal solution	J.L.L.
10	230					7 gal	LDS
11							
12							
13							
14							
15							
16	08:45		65/65	061300		6 3/4 gal solution	J.L.L.
17							
18	12:00		65/65	061580		6 1/2 -	LDS
19							
20	09:30	.3	65/65	061960		6 1/4 gal solution	J.L.L.
21							
22							
23	10:30	.2	65/65	062100		6 gal solution	J.L.L.
24	11:15		65/65	062500		6 gal solution	J.L.L.
25				06461			
26							
27				2039 gal			
28				62930			
29						15,000	
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$62930 - 58460 = 4470 \times 7.48 = 33,435 \text{ gallons}$$

0110261

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Sept Year 2006

Bacti Sample Taken: Date 5 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	9AM		40/105	51813		not running 8 ⁺ gal (R)	WJS
2							
3							
4							
5							
6	9AM		65/65			8 gal Remaining	WJS
7							
8	9AM					7+ Remaining	WJS
9	7AM			53257		add 12oz Chlor fresh	WJS
10							
11							
12							
13							
14							
15	10:30 AM			55154		WJS/1000 3.5	WJS
16	10:45			55412		6.5 gal	WJS
17				5			
18	09:46			055800		6 gal solution J & H	
19							
20							
21							
22							
23							
24							
25							
26	2:30			58460		z gal (R) add 8 gal H ₂ O	WJS
27				51513		10oz Chlor	WJS
28							
29				6547 cf			
30							
31				58460			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$58460 \text{ cft} - 51813 \text{ cft} = 6,647 \times 7.48 = 49,719 \text{ gallons} \quad 0.15258$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Aug. Year 2008

Bacti Sample Taken: Date Aug 16 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	8:10		50/100	176.20 cf		Chlorine for pump not working	
2				179		9"	
3							
4	1:30		50/100	207.51			
5						200 gal H ₂ O 100g Ch	IDS
6						70g R	
7						100 gal H ₂ O 100g Ch	IDS
8							
9							
10							
11							
12							
13							
14							
15	4:00					10 gal H ₂ O 20g Ch	IDS
16	1:00					10 gal H ₂ O 20g Ch	IDS
17							
18	12:30					add 4g H ₂ O 8g Ch	IDS
19							
20							
21						motor change?	
22							
23	2:15	1.2	20g	044881		add 5g H ₂ O 10g Ch	IDS
24	6:00 AM			48352		70g R	
25	10:30					add 6g H ₂ O 12g Ch	IDS
26							
27							
28	7:00					Well not working	
29						4g H ₂ O remaining	IDS
30						50399 pump to clean - 56403	
31						New pump + motor + line + pipe DRC Pump Systems to fill tanks 56403	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

51812 0.15983

231 gallons + (51813_{cf} - 4488_{cf}) = 6932_{cf} + 7.48 = 52082 gallon.

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 16

Bacti Sample Taken: Date July 25 By (Initials) WPS Additional? No

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	1230	.4	50/60	31 46950		add 5 gal H ₂ O 8oz Cl ₂	WPS
2							
3							
4							
5	08:00		50/60	3146590		814 gals solution JLK	
6						system running	
7	12:00		50/60	3146590		6 1/2 gals solution JLK	
8							
9							
10						meter stopped working	
11	1200			3146590		add 7 gal H ₂ O 11oz Cl ₂	WPS
12				3146950			
13							
14	1200					meter not working 40	
15	830					8 1/2 gal	WPS
16						7 gal add 3 H ₂ O 5oz Cl ₂	WPS
17							
18							
19	830					2 gal add 8oz H ₂ O 14oz Cl ₂	WPS
20	630	7				7 1/2 gal	
21	330		50/50	2256		2K add 8 1/2 H ₂ O 16oz Cl ₂	WPS
22							
23							
24							
25	930		50/50	71.4		add 16oz Cl ₂	WPS
26	900		50/50	86.70		7 gal	
27							
28	10-		50/50	118.34		1 gal R add 9 1/2 H ₂ O 14oz Cl ₂	WPS
29							
30						chlorine	
31				176.20			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

3146950 - 3146590 = 360 gallons

176 cu ft x (7.48 gal / 1.00 cu ft) = 1316 gal

360 + 1316 = 1676 gallons

* 0.00514

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 06 Year 06

Bacti Sample Taken: Date 6-16 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	13:30			3117820		8.200 solution 4.8%	
3						(5th) received call at 1:57	
4						from Museum - No water, no power	
5						Drank OK - 5 gal solution	
6	7:05		5 gal H ₂ O 8oz chl	3117850		Remaining - Start pump	
7	10 AM					5 gal R add 5 gal H ₂ O 8oz chl	
8							
9							
10							
11							
12						low start pump check tanks	
13	8:30			3131730		10 gal	WS
14	2:00					detected pump & tank - shut off 2 min	
15				3145070		added 7 gal H ₂ O 12 oz chl also banded joints	WS
16						Running when banded - then shut off	
17	9 AM			3146500		8 1/2 gal R	WS
18							
19							
20							
21							
22							
23							
24	6:30					5 gal H ₂ O 9 oz chl	WS
25							
26							
27							
28	8:30	.4	50/60			7 gal R	WS
29							
30							
31				3146590			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

3146590 - 3117820 = 28,770 gallons 0.00029

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2006

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	RACT	Notes	By:
1							
2	11 Am	.3	65/75	306420		8 gal R.	UDS
3							
4							
5	12:15	.3	65/70			3 gal	UDS
6							
7							
8							
9							
10							
11	12:00		65/70	3098050		16 gal to 11 gal H ₂ O empty tank	JXX
12							
13							
14							
15							
16							
17	09:20		65/70	3102240		7 gal solution	JXX
18							
19	8:00					clean contacts ready	UDS
20	9:00		40/60			5 gal R add 5 gal H ₂ O 12 gal	UDS
21							
22	09:25		65/70	3111190		7 gal solution	JXX
23							
24							
25	10 Am		65/70	3113640		6 gal R add 4 gal H ₂ O 6 gal	UDS
26	1 PM	.5	65/70	3114710		1/2 gal R	UDS
27							
28							
29							
30							
31							

Handwritten note: 100 gal
311

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$3117820 - 3064120 = 53,700 \text{ gallons}$ 0.16480

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month: April Year 2006

Bacti Sample Taken: Date 4/5/06 By (Initials) CDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	PACT	Notes	By:
1				3028030			
2							
3							
4	8:00	.3	65/75	3034510	✓	7(R)	CDS
5	7:30	.3	65/75	3037340 Start 3037540	✓	OK log	CDS
6							
7							
8							
9							
10							
11							
12							
13	8:15	.3	65/75			1g add 9g H ₂ O Fin.	CDS
14	11:30	.3	65/75			1g+	CDS
15							
16							
17							
18	10AM	.3	65/75	3055000		8 1/2	CDS
19							
20							
21							
22							
23							
24							
25							
26							
27							
28	8:00 AM	.3	65/75	3067450		5R Add 5g H ₂ O 8g Cl	CDS
29							
30				3064120			
31							

3061090

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page. 3064120 - 3028030 = 36,090 gallons

A-741-358 51

0-11016

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month MARCH Year 2006

Bacti Sample Taken: Date 15 By (Initials) LD Additional? _____

75/50 temp

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1		.3		2987640			
2							
3							
4							
5							
6			65/				
7	7AM	.3	65/70	299 3220		4r add bag H ₂ O 10oz Chl WDS	
8							
9							
10							
11							
12							
13							
14							
15						Inventory checked	
16							
17							
18							
19							
20							
21							
22							
23							
24	8:30	.3	65/75	3018900		32900 temp	
25							
26							
27							
28	8:15	.3	65/75	3028030		8 1/2 +	WDS
29							
30							
31							

39000
H₂O

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

8150

$$3028030 - 2987640 = 40,390 \text{ gallons}$$

0.12395

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 2006

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	8 AM	.3	65/75	2975230		3 1/2 R - mix 7 gal H ₂ O 12 gal Chlor	WDS
3							
4							
5	10 ⁰⁰ AM		70/72	2978380		8 1/2	SP
6							
7							
8							
9							
10	11:17 AM		69/72	2981470		7.0 GAL	SP
11							
12							
13							
14	8:30	.3	65/75	2982790		6 1/2 GAL R	WDS
15	08:00		65/75	2984050		6 1/2 gal solution	SP
16	8:00	.3			✓	6 1/2	WDS
17							
18							
19							
20							
21	1:15	.3	65/75	2986520		6 gal	WDS
22							
23							
24							
25							
26							
27							
28	10 AM	.3		2987640		1 gal	WDS
29				2987640			
30							
31						12410 gal	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2987640 - 2975230 = 12,410 \text{ gallons}$$

0.03808

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Jan Year 2006

Bacti Sample Taken: Date 1-18-06 By (Initials) LDS Additional? _____

Date	Time	Chlor. Resid.	Dosage <i>70-75</i>	Water Meter Reading	BACT	Notes	By:
1				2958530			
2	11:10		70.75	2958760		10 gal.	SP
3	1:40	.2+	70.75			10 gal	LDS
4							
5							
6							
7							
8							
9	8:00		70.75	2960410		9.5 gal.	SP
10	4:30	.3	70/75	"		9	LDS
11	9:30					9 gal R	LDS
12							
13							
14	9:30		70/75	2968690		5 1/3 gal	SP
15							
16	08.15		70/75	2969510		5 1/4 gal solution	JLZ
17							
18	9:30	.3	70/75	2970290		4 1/2 gal	LDS
19	1:30	.4		3000790		ending (RAW) "	LDS
20							
21							
22							
23							
24							
25	09:55		70/75	2973320		4 gal solution	JLZ
26				2958530			
27				14790 gal			
28							
29							
30				2975230			
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2975230 - 2958530 = 16,700 \text{ gallons}$$

0.05125

Antelope Valley Indian Museum

Water System – Daily Chlorine, Production, Bacti Sampling

Month Dec Year 2005

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	FACT	Notes	By:
1	1:10	.2-	will increase to 65-75				WDS
2							
3							
4							
5	09:05	.2-				no usage CL low	JLL
6							
7							
8	10:15	.2-				CL low	JLL
9							
10							
11	13:45	.3-					JLL
12	11:25	.3-					JLL
13							
14							
15							
16							
17							
18							
19							
20							
21	9 AM	.2+					WDS
22							
23							
24							
25							
26							
27							
28							
29							
30							
31	1:30	.2+	65/95				WDS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2958530 - 2941990 = 16540 \text{ gallons}$$

0.05078

Antelope Valley Indian Museum

Water System – Daily Chlorine, Production, Bact. Sampling

Month 11/00 Year 2005

Bacti Sample Taken: Date 11/16/05 By (Initials) LDS Additional? NO

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	12:00	.3-	55/65	2924090		Run Raw for test	
2	11:55		55/60	2925710		RAW WATER TEST after 6 gal. solution	LDS
3	13:15		55/60	2926290		5 7/8 gal solution	JXX
4							
5							
6							
7	08:45		55/60	2928360		5 gal solution	JXX
8							
9							
10	12:15		55/60	2929640		4 3/4 solution	JXX
11	9:50		55/60	2930050		4 3/4 solution	SP
12							
13							
14							
15							
16	8:30	INT	60/65 55/60	2935410		3 gal add 1H ₂ O 6 12 gal	LDS
17							
18	8:03		60/65	2937300		8 3/4 solution	SP
19							
20	13:20		60/65	2938280		8 1/4 solution	JXX
21							
22	13:30	.25	60/65	2939050		8 gal	LDS
23	10:55		60/65	2939350		8 gal	JXX
24							
25	13:30		60/65	2940130		8 gal	SP
26			60/65			7 1/4 gal	
27							
28	09:15		60/65	2941050		7 3/4 gal	SP
29							
30							
31				2941990			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2941990 - 2924090 = 17,900 \text{ gallons}$$

0.05493

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bact Sampling

Month 10 Year 05

Bacti Sample Taken: Date 18 By (Initials) LDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	10:45		55/65	2907290		2 1/2 gal solution JLY	
3							
4							
5							
6							
7	9 AM	.3	55/65	2910180		add 9g H ₂ O 1/4g Chlor. LDS	
8							
9	10:55		55/65	2911030		10 gal solution JLY	
10							
11	11:20		55/65	2913090		9 gal solution JLY	
12							
13							
14							
15							
16	13:15		55/65	2914400		8 3/4 gal solution JLY	
17	07:35		55/65	2914880		8 3/4 gal solution JLY	
18	12:00				✓	LDS LDS	
19						SHUT DOWN VALVES TO TANKS	
20						Will Disinfect next week - LDS -	
21						RAT CAWED about raw water -	
22							
23	26th						
24	10 AM					Disinfect well using 2 1/2 gal Chlorine (Household)	
25						Inject into well vent - Ran pump a min to agitate	
26						water and left 48 hrs -	
27							
28	10 AM					1:45 test .3 well water OK	
29	12:30		60/65	2923460		Back on line test 31st	
30						6 1/2 gal solution JLY	
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2924090 - 2907290 = 16,800 \text{ gallons} \quad 0.05156$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bact Sampling

Month Sept Year 2005

Bacti Sample Taken: Date Sept By (Initials) 2885850 Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2	12:00	.3	55/65				WS
3							
4	10:55		55/65	2888070		9 gal solution	JLL
5							
6	11:05		55/65	2888970		9 gal solution	JLL
7	09:55		55/65	28889480		8 1/2 gal solution	JLL
8							
9							
10							
11	10:05		55/65	2891860		8 gal solution	JLL
12	09:25		55/65	2892170		8 1/2 gal solution	JLL
13	10:10		55/65	2892570		7 1/2 gal solution	JLL
14	08:50		55/65	2893140		7 1/4 gal solution	JLL
15							
16	8:30		55/65			7 gal (K)	JOS
17							
18	11:05		55/65	2895540		6 1/2 gal solution	JLL
19	9:00	.2	55/65	Turn off	✓		JOS
20	11:20		55/65	2896680		6 gal solution	JLL
21							
22							
23							
24							
25							
26	11:20	.3	55/65	2903880		4 gal solution	JLL
27							
28							
29	10:25		55/65	2905510		3 gal solution	JLL
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2907290 - 2885850 = 21,440 \text{ gallons } 0.06580$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 08 Year 05

Bacti Sample Taken: Date 8.8.05 By (Initials) WOS

Additional? Yes RAW

DISINFECT Well

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	09:50	.3+		2837790		9 1/2 gal solution	JXX
2							
3	10:25	.3		2844280		7 gal solution	JXX
4							
5							
6	06:05			2850920		5 gal solution	JXX
7	06:05			2850920		5 gal solution	JXX
8	10:45			2852950		4.5 gal solution	JXX
9	call from Lab - bad water test. disinfect well with 1 gal 12% chlorine - shut down lines + pressure tank. put hose into well excess + run pump - finish gallon + rinse down again to adajutate well - will pump out tomorrow. WOS.						
10	11:40 AM					3 gal (add 1 gal 12% 14% WOS)	WOS
11	11:30					Residual .2 put back on line.	
12				2859880			
13	08/14/05	09:30		2863790		8 1/4 gal solution	JXX
14	08/17/05	10:30		2867390		7 gal solution	JXX
15	08/18/05	14:00		2870640			
16							
17	11:40			2872490		5.5 gals solution	JXX
18	8:10						
19	8:40		RAW Water Retest			4.3 gal.	WOS
20	9:30					3 1/2 gal. 62 gal to 14% CL	WOS
21							
22							
23							
24							
25							
26							
27							
28							
29	12:20			2884250		7 gals solution	JXX
30	08.15	Septim remaining		2884940		6 1/2 gal solution	JXX
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2885850 - 2837790 = 48,060 gallons
0.14749

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month July Year 2005

Bacti Sample Taken: Date 7/2/05 By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				2700800			
2	1:00	.3				add 9 1/2 gal H ₂ O 16oz Chlor. LPS	
3							
4							
5							
6							
7							
8							
9							
10							
11	12:48		50/60	2748380		add 10 Gal H ₂ O 16oz Chlor. LPS	J.Y.Y.
12							
13	4:30						
14							
15							
16	6:30					add 8 Gal H ₂ O 12oz Chlor. LPS	J.Y.Y.
17							
18	12:10		50/60	2793320		7 1/2 gal solution	J.Y.Y.
19							
20							
21	09:50	.4	50/60	2817700		Water empty 10 H ₂ O - 16oz Chlor. LPS	J.Y.Y.
22							
23							
24	09:00		50/60	2821380		8 1/2 gal solution	J.Y.Y.
25	0						
26							
27							
28							
29							
30	07:00			2834570		6 GAL WATER 10 OZ Chlor. LPS	D.S.
31				2837790			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2837790 - 2700800 = 136,990 \text{ gallons } 0.42041$$

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 06 Year 05

Bacti Sample Taken: Date 6/14/05 By (Initials) UDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1				2600450			
2							
3							
4							
5							
6	11:05			2610770			JZK
7							
8							
9	2:PM	.3				add 10 gal H ₂ O 10oz Cl UDS	
10							
11							
12							
13							
14	9 AM			2643290		Chlorine 10 gal H ₂ O 17oz Cl UDS	
15							
16	2 PM	.34				Change Chlorine injector UDS	
17	10:00					5 gal H ₂ O 8oz Cl UDS	
18	12 PM	.3		Running		9 gal (K)	
19							
20	13:00			2664970		Running 7 1/2 gal. JZK	
21	12:00					Running 6 gal UDS	
22						gal H ₂ O w/ 1/2 gal = 7 1/2 gal	
23	08:50			2679810		Running 2 1/2 gal JZK	
24							
25							
26							
27	09:25			2687800		5 gal solution JZK	
28							
29							
30				2700800			
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2700800 - 2600450 = 100,350 \text{ gallons}$$

0.30796

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2005

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1				2547050			
2							
3							
4	2:15	.13	55/60	2553190			JDY
5							
6							
7							
8							
9							
10							
11	12:35		50/60	2578970		CL empty. mix 16 gal to 10 gal H ₂ O	JLY
12	11:30		50/60	2583180		8.5 gals solution	JLY
13							
14							
15	13:50	.3	50/60	2590780		6 gals solution	JLY
16							
17							
18							
19							
20							
21							
22	09:05		50/60	2595860		4 1/2 gal solution	JLY
23							
24							
25	11:30	.3				6 gal H ₂ O Non-CL 4 gal B added	JLY
26							
27							
28							
29	12:30			2600450		8 1/2 gal solution	JLY
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2600450 - 2547050 = 53,400 gallons

0.16388

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bact. Sampling

Month: _____ Year: _____

Bacti Sample Taken: Date 4/19/05 By (Initials) LDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact.	Notes	B.
1	5 AM	.3	45/55	2493030			
2							
3							
4							
5							
6							
7							
8	4:33		45/55	2497760		9gl-R	CDS
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19	8 AM	.2	50/60	2533540	✓ RAW	add. 9 gal H ₂ O 16oz	LDS
20							
21							
22							
23							
24							
25							
26							
27	11 AM	.3	50/60	2547050		7.2 gal	LDS
28							
29							
30							
31				2547050			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2547050 - 2493030 = 54,020 \text{ gallons}$$

0.16578

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 03 Year 05

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

02-27

2472910

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2	13:05	6	60/60	2474590		7 gal solution	JJK
3							
4							
5	3:00					6 1/2	LDS
6							
7							
8							
9	6:30	17	50/60			✓ add 15 H ₂ O 8oz chl	LDS
10							
11							
12							
13							
14							
15							
16	7:30	4	50/60			8 gal	LDS
17							
18							
19							
20							
21							
22							
23							
24	14:00		45/55			7 gal	LDS
25							
26							
27							
28							
29							
30							
31	6:45		45/55	2493030		69 Gal add 6oz chl free	LDS

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2493030 - 2472910 = 20,120 \text{ gallons}$$

0.06175

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 02 Year 05

Bacti Sample Taken: Date 31 08:55 Chlor. Resid. .3 Dosage 60/60 By (Initials) JLZ Water Meter Reading 2456860 Additional? 5 1/4 gal solution By: JLZ

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1	09:15	.3 +	60/60	2457470		5 + gal solution	JLZ
2	09:40	.3	60/60	2458080		5 gal solution	JLZ
3							
4	11:00	.3	60/60			5 gal	JLZ
5							
6							
7	09:10		60/60	2461040		4 1/4 gal solution	JLZ
8	12:20		60/60	2461710		5 gal solution	JLZ
9	09:07		60/60	2462230		4 gal solution	JLZ
10	11:00		60/60	2462870		3 3/4 gal solution	JLZ
11							
12							
13							
14							
15	08:15		60/60	2465700		2 3/4 gal solution	JLZ
16	12:00					4 1/2 gal solution	JLZ
17	08:50		60/60	2467070		9 1/2 gal solution	JLZ
18							
19							
20							
21							
22	09:50		60/60	2470020		8 1/4 gal solution	JLZ
23							
24	6:30 11:55		60/60	2471260		5 gal	JLZ
25							
26							
27	10:10		60/60	2472910		7 1/4 gal solution	JLZ
28							
29							
30							
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2474590 - 2456860 = 17,730 gpc llons

0.05441

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 11 Year 2011

Bacti Sample Taken: Date 11/13 By (Initials) JK Additional?

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3	8:		60/60	2442000	V		
4							
5							
6	10:15		60/60	24421510		4 1/4 gal solution	JXX
7						ump stopped	
8	9:30	Message on Kellie's cell	60/60	2442850		empty pump running	WS
9						10g H ₂ O 16g chl. W	→
10							
11							
12	07:29		60/60	2442860		9 1/2 gal solution	JXX
13	11:40		60/60	2442890		* see note 9 1/2 gal cl	JXX →
14	10:30			turn off pump		8 1/2 gal. running	WS
15							
16	12:25		60/60	2447600		8 gal solution	JXX
17	10:10		60/60	2448220		7 1/4 gal solution	JYY
18							
19	09:20		60/60	2449500		7 1/4 gal solution	JXX
20							
21							
22							
23							
24							
25	13:15		60/60	2453350		6 1/4 gal solution	JXX
26							
27	10:30		60/60	2454490		6 gal solution	JXX
28							
29							
30							
31	08:55		60/60	2456860		5 1/4 gal solution	JXX

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2456860 - 2419360 = 37,500 gallons

0.11508

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 12 Year 04

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
11-30	10:40	.3	60/60	2409320		7 1/2 gal solution	JYY
1	13:00	.3	60/60	2409700		7 1/2 gal solution	JYY
2	Training						
3							
4							
5	09:55	.3	60/60	2410900		7 gal solution	JYY
6	08:25	.3	60/60	2411310		7 gal solution	JYY
7	10:05	.3	60/60	2411670		7 gal solution	JYY
8	08:20		60/60	2412000		6 3/8 gal solution	JYY
9							
10							
11							
12	14:45		60/60	2413360		6 1/2 gal solution	JYY
13	08:30		60/60	2413580		6 1/2 gal less solution	JYY
14							
15	12:45		60/60	2414360		6 1/4 gal solution	JYY
16							
17	staff meeting						
18							
19							
20	09:00		60/60	2416010		5 3/4 gal solution	JYY
21							
22	10:10			2417050		5 gal less	JYY
23	09:10		60/60	2417390		5 1/4 gal solution	JYY
24							
25							
26							
27							
28	08:40		60/60	2418740		5 gal solution	JYY
29							
30	08:15		60/60	2419360		4 3/4 gal solution	JYY
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$24,19360 - 2409320 = 10,040 \text{ gallons}$$

0.05078

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 11 Year 04

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
10-31	09:35	.3	60/55	2392780		7 gal solution	JXX
1	08:20	.3	60/55	2393230		7 gal less solution	JXX
2	09:10	.3	60/55	2393730		7 gal solution	JXX
3	15:00	.3	60/55	2394320		6 1/2 gal solution	JXX
4	09:00		60/60	2394680		6 1/4 gal solution	JXX
5			60/60				
6							
7	08:25	.3	60/60	2396120		5 3/4 gal solution	JXX
8	10:15	.3	60/60	2396680		5 1/2 gal solution	JXX
9				2397190			
10	09:00		60/60	2397620		5 1/4 gal solution	JXX
11							
12			60/60	2398530		3 gal solution	JXX
13							
14	13:40		60/60	2399630		4 1/2 gal solution	JXX
15							
16	09:15		60/60	2400510		4 gal solution	JXX
17							
18							
19	10:30						
20						add 7 gal 110 12oz Cl. 1DS	
21							
22	09:20		60/60	2406160		8 1/2 gal solution	JXX
23	12:25		60/60	2406650		8 1/4 gal solution	JXX
24	09:20		60/60	2407010		8 gal solution	JXX
25	11:55		60/60	2407440		8 gal solution	JXX
26							
27							
28	09:35		60/60	2408520		7 3/4 gal solution	JXX
29	13:55		60/60	2408980		7 1/2 gal solution	JXX
30	10:40		60/60	2409320		7 1/2 gal solution	JXX
31							

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2409320 - 2392780 = 16,540 gallons 0.05493

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 00 Year 04

Bacti Sample Taken: Date 09-30 08:30 By (Initials) 55/65 J 369020 Additional? 5 gal solution JXX

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2							
3	08:30	.3	55/65	2371380		4 gal solution	JXX
4							
5	07:10		55/65	2373160		3 gal solution	JXX
6							
7	15:10	.3	55/65	2374810		8 gal/mix 8oz - 5 gal solution	JXX
8							
9							
10							
11	08:00	.3	55/65	2377410		7 gal solution	JXX
12	09:00	.3	55/65	2378070		6 3/4 gal solution	JXX
13	09:15	.3	55/65	2378790		6 1/2 gal solution	JXX
14		.3	55/65		✓		
15							
16							
17	09:15	.3	55/65	2382190		5 1/4 gal solution	JXX
18	09:20	.3 ^{low}	55/65	2382880		5 gal solution	JXX
19	08:35	.3	55/65	2383550		4 3/4 gal solution	JXX
20	13:30	.3 ^{low}	55/65	2384470		4 1/2 gal solution	JXX
21	08:00	.3 ^{low}	55/65	2385040		4 1/4 gal solution	JXX
22	7-PM					add 1/2 gal of 10% Clor	MS
23							
24	09:50		60/65	2387560		9 1/4 gal solution	JXX
25	09:15		60/65	2388370		9 gal solution	JXX
26	10:40		60/65	2389250		8 1/2 gal solution	JXX
27							
28	09:00		60/65	2390790		8 gal solution	JXX
29							
30							
31	09:35	.3	60/65	2392780		7 gal solution	JXX

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2392780 - 2369020 = 23,760 gallons
0.05156

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 09 Year 04

Bacti Sample Taken: Date 7/15 By (Initials) LDS Additional? _____

2296870

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	05:50		55/65	2302730		4.5 gal solution	JXX
3							
4							
5							
6	07:50		55/65	2306910		(3 gal) 8 gal 5 gal	JXX
7	5:15		55/65	2308120		(3-)	JXX
8	08:50		55/65	2310980		6.5 gal solution	JXX
9	6:50	17 ppm	55/65			3 gal	JXX
10	6:20	3	55/65			8 gal	JXX
11	10:30	3	55/65			1 gal	JXX
12							
13	09:00		55/65	2331980		4 gal solution	JXX
14	08:25		55/65	2334600		3 gal solution	JXX
15	08:25		55/65	2337640		2 gal solution	JXX
16							
17							
18							
19	07:10		55/65	2346640		6 1/2 gal solutions	JXX
20							
21	10:45		55/65	2354210		4 gal solution	JXX
22							
23	11:05		55/65	2359210		9 gal solution	JXX
24							
25							
26	09:10		55/65	2362970		1.5 gal solution	JXX
27	10:10		55/65	2363960		7 gal solution	JXX
28	10:50		55/65	2367170		6 gal solution	JXX
29							
30	08:30		55/65	2369020		5 gal solution	JXX
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2369020 - 2302730 = 66,290 gallons
0.06580

Antelope Valley Indian Museum

Water System – Daily Chlorine, Production, Bacti Sampling

Month 08 Year 04

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

2154770

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Bact	Notes	By:
1							
2	11:40	.35	55/65	2165530		water trees	JYY
3	10:20	.4	55/65				JYY
4						water trees (v)	JYY
5			55/65				
6						water (v) (old)	
7	7:30						
8							
9							
10	7:30	.4	55/65			water trees	LDS
11	08:20	.35	55/65			water (v)	JYY
12							
13	12:00						LDS
14						water (v)	
15							
16	12:45	.3	55/65			water	JYY
17							
18						water (v)	
19							
20	10:10	.3	55/65			water	JYY
21						water (v)	
22							
23							
24	09:50	.3	55/65			water	JYY
25							
26							
27							
28							
29							
30							
31				2302730			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$2302730 - 2165530 = 137,200 \text{ gallons}$ 0.42105

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 08 Year 04

Bacti Sample Taken: Date 07-30-04 By (Initials) 2154770 Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	11:10		55/65	2165530		3.5 gals CL	JLZ
3	06:00		55/65	2167380		3 gals CL	JLZ
4	06:00		55/65	2175620		mix 10 gal - 16 oz CL	JLZ
5	05:55		55/65	2181120		7.5 gals solution	JLZ
6	05:55		55/65	2183630		6.5 gal solution	JLZ
7	07:30		55/65			add 5 gal H ₂ O - 12 oz CL	JLZ
8							
9	11:50		55/65	2193640		7 gal solution	JLZ
10	05:55		55/65	2195320		6.5 gal solution	JLZ
11	06:00		55/65	2207280		2 gal solution 8 oz CL	JLZ
12						5 gal H ₂ O	JLZ
13	05:55	12:00	55/65	2229150		mix 10 gal H ₂ O 16 oz CL	JLZ
14						9 gal CL	JLZ
15							
16	12:30		55/65	2249380		1 gal 16 oz CL - 9 gal H ₂ O	JLZ
17							
18	06:10		55/65	2255030		8 gals solution	JLZ
19							
20	06:40		55/65	2276780		10 gals 16 oz CL - 10 gal H ₂ O	JLZ
21							
22							
23	05:55		55/65	2284320		7 gals solution	JLZ
24	09:30		55/65	2286710		6 gals solution	JLZ
25	06:20		55/65	2288450		5 gal solution	JLZ
26							
27	07:40		55/65	2291340		4 gal solution 8 oz CL	JLZ
28						5 gal H ₂ O	JLZ
29							
30							
31	05:50		55/65	2296870		6 gal solution	JLZ

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2296870 - 2165530 = 131,340 gallons

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 07 Year 04

Bacti Sample Taken: Date 7-13-04 By (Initials) UD Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	12:30	.3	55/65	2039000		8.5 gal solution	JLZ
2							
3							
4							
5							
6							
7	8:30	.3	55/65			8 gal	UDS
8							
9							
10							
11							
12			55/65				
13	8 AM		55/65	2060900	✓	Empty 17 gal 1 1/2 / 6oz CL	UDS
14						No need - Dr. primers	
15							
16							
17							
18							
19							
20							
21	09:30		55/65	2089010		16oz 16oz - 10 H ₂ O	UDZ
22	06:00			2095460		7 1/2 gal solution	JLZ
23	12:30		55/65	2110110		1 gal red solution 15oz	UDS
24	9 AM		55/65				
25							
26	10:20		55/65	2127580		2 1/2 gal solution	JLZ
27	06:35		55/65	2135540		omitted 16 oz CL - 10 H ₂ O	JLZ
28							
29	10:20		55/65	2152430		3 gals solution	
30	07:40		55/65	2154770		2 gals / 8oz CL / 5 gal H ₂ O	JLZ
31							

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2165530 - 2039000 = 126.530 gallons

042041

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

JUNE

Month May Year 2004

Bacti Sample Taken: Date 6/1/04 By (Initials) WDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	8 AM	.3	55/60	2006450		7+6 Rem C	WDS
3							
4							
5							
6							
7							
8	2:15	.3	55/60			2-8 R	WDS
9	8:55	.3				12.5 gal solution	
10							
11	10:45	.3	55/60			9 gal R	WDS
12							
13							
14	8:00	.3	55/60	2011118			WDS
15							
16							
17	08:25		55/60	2029670		7 1/2 gal solution	WDS
18							
19							
20							
21	10:30		55/60	2032250		6 3/4 gal solution	WDS
22							
23	8 AM	.3	55/60			6 gal R	WDS
24							
25							
26	10:30	.3	55/60	2035600		5 gal red water	WDS
27							
28	09:15		55/60	2036790		9.5 gal solution	WDS
29							
30							
31				2039000			

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

2039000 - 2006450 = 32,550 gallons

0.30796

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month May Year 2004

Bacti Sample Taken: Date 5/18/04 By (Initials) WDS

Additional? VITAE/S-

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3	1300	.3	55/65	1974750		8 g/R	WDS
4							
5							
6	1301	.3	55/65			6 g/R	WDS
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18	1030	.3	55/65	199440	✓	1 g/R and 9 g/L. 14 g/C	WDS
19							
20							
21							
22							
23							
24							
25							
26							
27	1111	.3	55/65	2006450		4 g X and 4 g/L's 4 g/C	WDS
28							
29							
30						(Turn 2nd)	
31						2006450	

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$2006450 - 1974750 = 31,700 \text{ gallons}$$

0.09728

file
LWA

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month April Year 2004

Bacti Sample Taken: Date 4-8-04 By (Initials) WDS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2							
3							
4							
5							
6							
7	8:20	.3	55/65	1936220	✓	12 oz. Cl ₂ Resid. 7.5 mg/l	WDS
8	8:40	.3	55/65	1940020	✓	9 gal. AUCR	WDS
9							
10							
11							
12							
13							
14	3:15	.3	55/65			log R	WDS
15							
16							
17							
18							
19							
20	9:45	.3	95/105	19560-40	✓	add 7 1/2 H ₂ O 12.5	WDS
21							
22							
23							
24							
25							
26							
27	12:00	.3				log R	WDS
28							
29							
30							
31							

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1974750 - 1936220 = 38,530 gallons

0.11824

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 03 Year 2011

Bacti Sample Taken: Date 2-23-11 By (Initials) LD Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1	11:00	3	55/65	1900350			LD
2							
3							
4							
5							
6							
7	10:25		55/60	1900900		7 3/4 gal	JY
8							
9							
10	10:30	3+	55/60	1901000		6 gal	LD
11							
12	9:30	3	55/65			6 gal start pump	LD
13							
14	10:35		55/60	1905040		6 gal	JY
15							
16	08:10	3	55/60			5 gal	
17							
18							
19							
20							
21							
22							
23	8:30	3	55/60	1914450		7 gal	LD
24							
25							
26							
27							
28							
29							
30	3:30	3	55/60			added 5 gal H ₂ O 80%	LD
31							

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$$1936220 - 1900350 = 35870 \text{ gallons}$$

0.11008

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month 02 Year 04

Bacti Sample Taken: Date 2/2/04 By (Initials) LD Additional? N/O

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	BACT	Notes	By:
1							
2	11:00	.3	55/65	1889120		8 gal solution	JYL
3						light on Pump House	JYL
4							
5	0:00	.3	55/65	1889180		9 gal ?	MAS
6							
7							
8	10:15		55/65	1889180		check tanks 1/2 full	JYL
9						8 gal hose	JYL
10						system running	JYL
11	11:15		60/80	1892050		7 gal New solution	JYL
12							
13							
14	10:00		55/65	1893700		7 gal	JYL
15	11:10		55/65	1894130		started system @ 55	JYL
16							
17							
18							
19							
20	10:05		55/65	1894580		6 gal solution	JYL
21	09:30						
22	09:30			1899060		9 gal solution	JYL
23	11:15		55/65	1899400		10 gal solution	JYL
24	11:50			1899700			
25							
26							
27							
28	13:20		55/60	1899820		8 gal solution	JYL
29							
30							
31							

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1899820 - 1889120 = 10,700 gallons 0.03284

Antelope Valley Indian Museum
 Water System - Daily Chlorine, Production, Bacti Sampling

Month Jan Year 2006

Bacti Sample Taken: Date _____ By (Initials) _____ Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Notes	By:
1	10AM	.2	55/65	1812850	76l R.	WDS
2						
3						
4						
5	10AM	.2	55/65	1842850	76l R.	WDS
6						
7						
8						
9						
10						
11						
12	10	.4	45/65	1813110	76l R add 4 ltr 60l R	WDS
13	11:10	.4	45/65	1813110	76l R add 4 ltr 60l R	WDS
14						
15						
16						
17						
18						
19						
20	1:30		45/65	1867030	4R add 60l R	WDS
21						
22						
23						
24						
25	low water drain from house - King's slide					
26	w/ probably purged from system					
27						
28	2:15	.4	55/65	1884110	60l R run	WDS
29	11:45		55/65	1885610	200l R	WDS
30	12:00	.3	55/65	1888200	200l R	WDS
31						

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1888350 - 1842850 = 45,500 gallons 0.13963

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month DEC Year 2003

Bacti Sample Taken: Date 12/15/03 By (Initials) LDK Additional? No

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Notes	By:
1						
2						
3						
4	1:00Z		55/65	1820590	10 GAL	LDK
5	2:30PM	trace	65/75	1822570	5.8 gm / 100 ml F101 HB 1600 CL	LDK
6						
7						
8						
9						
10						
11						
12	2 PM	trace	6/15	1823500	7 gal add. Heavy Chlorine	LDK
13						
14						
15	9:30		65/75	1823450	7 gal Chlorine	LDK
16				1823250		
17				1		
18						
19						
20						
21						
22	9:30		55/65	18235700	add 5.8 gm to 800 CL	LDK
23						
24						
25						
26						
27						
28						
29	9:00	12	55/65	18237750	8 gal Chlorine	LDK
30						
31						

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1839350 - 1820590 = 18,760 gallons

0.65757

Antelope Valley Indian Museum

Water System - Daily Chlorine, Production, Bacti Sampling

Month Nov Year 2007

Bacti Sample Taken: Date 11/12/07 By (Initials) UPS Additional? _____

Date	Time	Chlor. Resid.	Dosage	Water Meter Reading	Notes	By:
1				1819280		
2						
3	2:30 PM	12	55/65		7- of 12	
4						
5						
6						
7						
8						
9						
10						
11						
12	7:15	12	55/65	1819930	5 gal/min	
13						
14						
15						
16						
17						
18						
19						
20	8:55		55/65	1816180	7 gal.	JLX
21						
22						
23						
24						
25						
26						
27						
28						
29						
30				1820590		
31						

*** Note any complaints, outages, repairs, improvements, or non-standard activities on the back of this page.

$$1820590 - 1809280 = 11,310 \text{ gallons}$$

0.00000