

LAMPIRAN 4

TABEL ONE WAY ANOVA

❖ Perhitungan *One-way ANOVA* Total Coliform per bulan

Anova: Single Factor						
SUMMARY Total Coliform						
Groups	Count	Sum	Average	Variance		
Februari	8	365000	45625	1477982143		
Maret	16	1369000	85562,5	8132795833		
April	16	1417000	88562,5	12537062500		
Mei	16	1165000	72812,5	4302295833		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	11467526786	3	3822508929	0,516383239	0,672829	2,7826
Within Groups	3,84928E+11	52	7402465144			
Total	3,96396E+11	55				

❖ Perhitungan *One-way ANOVA* Fecal Coliform per bulan

Anova: Single Factor						
SUMMARY Fecal Coliform						
Groups	Count	Sum	Average	Variance		
Februari	8	256000	32000	678000000		
Maret	16	441000	27562,5	810529166,7		
April	16	675000	42187,5	4311229167		
Mei	16	610000	38125	623850000		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	1931232143	3	643744047,6	0,368136418	0,776289	2,7826
Within Groups	90930125000	52	1748656250			
Total	92861357143	55				

❖ Perhitungan *One-way ANOVA* *Escherichia coli* per bulan

Anova: Single Factor							
SUMMARY <i>Escherichia coli</i>							
<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>			
Februari	8	1000	125	4742,857143			
Maret	16	1330	83,125	4956,25			
April	16	4020	251,25	75625			
Mei	16	3260	203,75	125105			
ANOVA							
<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>	
Between Groups	260661,6071	3	86887,2024	1,44881949	0,239275	2,7826	
Within Groups	3118493,75	52	59971,0337				
Total	3379155,357	55					

❖ Perhitungan *One-way ANOVA* Total Coliform per site

Anova: Single Factor						
SUMMARY Total Coliform						
Groups	Count	Sum	Average	Variance		
SITE 1	7	509000	72714,29	7,95E+09		
S.Gawe	7	848000	121142,9	2,31E+10		
SITE 2	7	807000	115285,7	7,65E+09		
SITE 3	7	395000	56428,57	3,71E+08		
S.Code	7	509000	72714,29	2,97E+09		
Site 4	7	197000	28142,86	3,24E+08		
S.Oyo	7	552000	78857,14	8E+09		
SITE 5	7	499000	71285,71	8,37E+09		
ANOVA						
Source of Variation	SS	df	MS	F	P-value	F crit
Between Groups	4,41E+10	7	6,3E+09	0,857969	0,546048	2,207436
Within Groups	3,52E+11	48	7,34E+09			
Total	3,96E+11	55				

❖ Perhitungan *One-way ANOVA* Fecal Coliform per site

Anova: Single Factor						
SUMMARY <i>Fecal Colifrom</i>						
<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>		
SITE 1	7	215000	30714,29	9,84E+08		
S.Gawe	7	465000	66428,57	8,81E+09		
SITE 2	7	349000	49857,14	9,49E+08		
SITE 3	7	226000	32285,71	5,07E+08		
S.Code	7	229000	32714,29	5,85E+08		
Site 4	7	98000	14000	2,24E+08		
S.Oyo	7	178000	25428,57	3,03E+08		
SITE 5	7	222000	31714,29	1,04E+09		
ANOVA						
<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	1,25E+10	7	1,78E+09	1,063788	0,400989	2,207436
Within Groups	8,04E+10	48	1,67E+09			
Total	9,29E+10	55				

Perhitungan *One-way ANOVA Escherichia coli* per site

Anova: Single Factor						
SUMMARY <i>Escherichia coli</i>						
<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>		
SITE 1	7	740	105,7143	6195,238		
S.Gawe	7	1800	257,1429	115923,8		
SITE 2	7	3490	498,5714	230014,3		
SITE 3	7	950	135,7143	6495,238		
S.Code	7	1110	158,5714	6847,619		
Site 4	7	310	44,28571	1395,238		
S.Oyo	7	550	78,57143	4180,952		
SITE 5	7	660	94,28571	16128,57		
ANOVA						
<i>Source of Variatio</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Group	1056070	7	150867,1	3,117242	0,008569	2,207436
Within Groups	2323086	48	48397,62			
Total	3379155	55				