HASIL PENGOLAHAN DATA DENGAN PERANGKAT SPSS

1. KARAKTERISTIK DATA PENELITIAN

Statistics

		DEBIT LIMBAH CAIR (M3)	WAKTU TINGGAL BAK SEDIMEN AWAL (JAM)	WAKTU TINGGAL BAK ANAEROB (JAM)	WAKTU TINGGAL BAK ANAEROB	WAKTU TINGGAL BAK SEDIMEN AKHIR	KUALITAS EFFLUENT FOSFAT
N	Valid	55	55	55	55	55	55
	Missing	0	0	0	0	0	0
Mean		58.27	6.8731	6.9618	30.3193	3.3476	1.15
Median		48.00	6.9300	7.0200	30.6000	3.3800	1.00
Mode		46	7.23	7.33	31.93	3.52	1
Std. Deviation		27.109	2.37328	2.40615	10.52984	1.15664	.356
Minimum		28	2.89	2.93	12.29	1.40	1
Maximum		120	11.88	12.03	52.46	5.79	2

a. Multiple modes exist. The smallest value is shown

2. FREKUENSI KUALITAS WAKTU TINGGAL BAK SEDIMEN AWAL

Kualitas bak sedimentasi awal

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3-5 Jam	7	12.7	12.7	12.7
	< 3 jam atau > 5 jam	48	87.3	87.3	100.0
	Total	55	100.0	100.0	

3. **FREKUENSI KUALITAS WAKTU TINGGAL BAK ANAEROB**

Kualitas bak anaerob

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	6 - 8 jam	25	45.5	45.5	45.5
	< 6 jam atau > 8 jam	30	54.5	54.5	100.0
	Total	55	100.0	100.0	

4. FREKUENSI KUALITAS WAKTU TINGGAL BAK AEROB

Kualitas Bak Aerob

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	< 6 jam atau > 8 jam	55	100.0	100.0	100.0

5. FREKUENSI KUALITAS WAKTU TINGGAL BAK SEDIMEN AKHIR

KUALITAS BAK SEDIMEN AKHIR

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	3 - 5 JAM	30	54.5	54.5	54.5
	< 3 JAM ATAU > 5 JAM	25	45.5	45.5	100.0
	Total	55	100.0	100.0	

6. FREKUENSI KUALITAS FOSFAT LIMBAH CAIR RS HERMINA DAAN MOGOT

KUALITAS EFFLUENT FOSFAT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	=< 2 mg/L	47	85.5	85.5	85.5
	> 2 mg/L	8	14.5	14.5	100.0
	Total	55	100.0	100.0	

TABEL SILANG ANTARA WAKTU TINGGAL BAK SEDIMENTASI AWAL DAN KUALITAS FOSFAT

Kualitas bak sedimentasi awal * KUALITAS EFFLUENT FOSFAT Crosstabulation

			KUALITAS EFFLUENT FOSFAT		
			=< 2 mg/L	> 2 mg/L	Total
Kualitas bak sedimentasi awal	3-5 Jam	Count	5	2	7
		% within Kualitas bak sedimentasi awal	71.4%	28.6%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	10.6%	25.0%	12.7%
	< 3 jam atau > 5 jam	Count	42	6	48
		% within Kualitas bak sedimentasi awal	87.5%	12.5%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	89.4%	75.0%	87.3%
Total		Count	47	8	55
		% within Kualitas bak sedimentasi awal	85.5%	14.5%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	100.0%	100.0%	100.0%

TABEL SILANG ANTARA WAKTU TINGGAL BAK ANAEROB DAN KUALITAS FOSFAT

Kualitas bak anaerob * KUALITAS EFFLUENT FOSFAT Crosstabulation

			KUALITAS EFFLUENT FOSFAT		
			=< 2 mg/L	> 2 mg/L	Total
Kualitas bak anaerob	6 - 8 jam	Count	22	3	25
		% within Kualitas bak anaerob	88.0%	12.0%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	46.8%	37.5%	45.5%
	< 6 jam atau > 8 jam	Count	25	5	30
		% within Kualitas bak anaerob	83.3%	16.7%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	53.2%	62.5%	54.5%
Total		Count	47	8	55
		% within Kualitas bak anaerob	85.5%	14.5%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	100.0%	100.0%	100.0%

TABEL SILANG ANTARA WAKTU TINGGAL BAK AEROB DAN KUALITAS FOSFAT

Kualitas Bak Aerob * KUALITAS EFFLUENT FOSFAT Crosstabulation

			KUALITAS EFFLUENT FOSFAT		
			=< 2 mg/L	> 2 mg/L	Total
Kualitas Bak Aerob	< 6 jam atau > 8 jam	Count	47	8	55
		% within Kualitas Bak Aerob	85.5%	14.5%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	100.0%	100.0%	100.0%
Total		Count	47	8	55
		% within Kualitas Bak Aerob	85.5%	14.5%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	100.0%	100.0%	100.0%

TABEL SILANG ANTARA WAKTU TINGGAL BAK SEDIMEN AKHIR DAN KUALITAS FOSFAT

KUALITAS BAK SEDIMEN AKHIR * KUALITAS EFFLUENT FOSFAT Crosstabulation

			KUALITAS EFFLUENT FOSFAT		
			=< 2 mg/L	> 2 mg/L	Total
KUALITAS BAK SEDIMEN AKHIR	3 - 5 JAM	Count	27	3	30
		% within KUALITAS BAK SEDIMEN AKHIR	90.0%	10.0%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	57.4%	37.5%	54.5%
	< 3 JAM ATAU > 5 JAM	Count	20	5	25
		% within KUALITAS BAK SEDIMEN AKHIR	80.0%	20.0%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	42.6%	62.5%	45.5%
Total		Count	47	8	55
		% within KUALITAS BAK SEDIMEN AKHIR	85.5%	14.5%	100.0%

KUALITAS BAK SEDIMEN AKHIR * KUALITAS EFFLUENT FOSFAT Crosstabulation

			KUALITAS EFFLUENT FOSFAT		
			=< 2 mg/L	> 2 mg/L	Total
KUALITAS BAK SEDIMEN AKHIR	3 - 5 JAM	Count	27	3	30
		% within KUALITAS BAK SEDIMEN AKHIR	90.0%	10.0%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	57.4%	37.5%	54.5%
	< 3 JAM ATAU > 5 JAM	Count	20	5	25
		% within KUALITAS BAK SEDIMEN AKHIR	80.0%	20.0%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	42.6%	62.5%	45.5%
Total		Count	47	8	55
		% within KUALITAS BAK SEDIMEN AKHIR	85.5%	14.5%	100.0%
		% within KUALITAS EFFLUENT FOSFAT	100.0%	100.0%	100.0%

UJI CHI SQUARE ANTARA WAKTU TINGGAL BAK SEDIMEN AWAL DAN KUALITAS FOSFAT

KUALITAS EFFLUENT FOSFAT

	Observed N	Expected N	Residual
=< 2 mg/L	47	27.5	19.5
> 2 mg/L	8	27.5	-19.5
Total	55		

Kualitas bak sedimentasi awal

	Observed N	Expected N	Residual
3-5 Jam	7	27.5	-20.5
< 3 jam atau > 5 jam	48	27.5	20.5
Total	55		

Test Statistics

			KUALITAS EFFLUENT FOSFAT	Kualitas bak sedimentasi awal
Chi-Square			27.655[a]	30.564[a]
df			1	1
Asymp. Sig.			.000	.000
Monte Carlo Sig.	Sig.		.000[b]	.000[b]
	95% Confidence Interval	Lower Bound	.000	.000
		Upper Bound	.000	.000

a. 0 cells (,0%) have expected frequencies less than 5. The minimum expected cell frequency is 27,5.

b. Based on 10000 sampled tables with starting seed 2000000.

UJI CHI SQUARE ANTARA WAKTU TINGGAL BAK ANAEROB DAN KUALITAS FOSFAT

KUALITAS EFFLUENT FOSFAT

	Observed N	Expected N	Residual
=< 2 mg/L	47	27.5	19.5
> 2 mg/L	8	27.5	-19.5
Total	55		

Kualitas bak anaerob

	Observed N	Expected N	Residual
6 - 8 jam	25	27.5	-2.5
< 6 jam atau > 8 jam	30	27.5	2.5
Total	55		

Test Statistics

			KUALITAS EFFLUENT FOSFAT	Kualitas bak anaerob
Chi-Square			27.655[a]	.455[a]
df			1	1
Asymp. Sig.			.000	.500
Monte Carlo Sig.	Sig.		.000[b]	.595[b]
	95% Confidence Interval	Lower Bound	.000	.585
		Upper Bound	.000	.605

a. 0 cells (,0%) have expected frequencies less than 5. The minimum expected cell frequency is 27,5.

b. Based on 10000 sampled tables with starting seed 926214481.

UJI CHI SQUARE ANTARA WAKTU TINGGAL BAK AEROB DAN KUALITAS FOSFAT

KUALITAS EFFLUENT FOSFAT

	Observed N	Expected N	Residual
=< 2 mg/L	47	27.5	19.5
> 2 mg/L	8	27.5	-19.5
Total	55		

Kualitas Bak Aerob

	Observed N	Expected N	Residual
< 6 jam atau > 8 jam	55	55.0	.0
Total	55[a]		

a. This variable is constant. Chi-Square Test cannot be performed.

Test Statistics

			KUALITAS EFFLUENT FOSFAT
Chi-Square			27.655[a]
df			1
Asymp. Sig.			.000
Monte Carlo Sig.	Sig.		.000[b]
	95% Confidence Interval	Lower Bound	.000
		Upper Bound	.000

a. 0 cells (,0%) have expected frequencies less than 5. The minimum expected cell frequency is 27,5.

b. Based on 10000 sampled tables with starting seed 624387341.

UJI CHI SQUARE ANTARA WAKTU TINGGAL BAK SEDIMEN AKHIR DAN KUALITAS FOSFAT

KUALITAS EFFLUENT FOSFAT

	Observed N	Expected N	Residual
=< 2 mg/L	47	27.5	19.5
> 2 mg/L	8	27.5	-19.5
Total	55		

KUALITAS BAK SEDIMEN AKHIR

	Observed N	Expected N	Residual
3 - 5 JAM	30	27.5	2.5
< 3 JAM ATAU > 5 JAM	25	27.5	-2.5
Total	55		

Test Statistics

			KUALITAS EFFLUENT FOSFAT	KUALITAS BAK SEDIMEN AKHIR
Chi-Square			27.655[a]	.455[a]
df			1	1
Asymp. Sig.			.000	.500
Monte Carlo Sig.	Sig.		.000[b]	.596[b]
	95% Confidence Interval	Lower Bound	.000	.586
		Upper Bound	.000	.606

a. 0 cells (,0%) have expected frequencies less than 5. The minimum expected cell frequency is 27,5.

b. Based on 10000 sampled tables with starting seed 334431365.