Lampiran 1. Standar Nasional Indonesia (SNI) Ikan Segar (SNI 01-2729-1992)

Ikan segar adalah suatau produk olahan hasil perikanan dengan bahan baku ikan, yang telah mengalami perlakuan sebagai berikut: pencucian, penyiangan atau tanpa penyiangan, pendinginan dan pengemasan. Persyaratan yang harus dipenuhi adalah sebagai berikut:

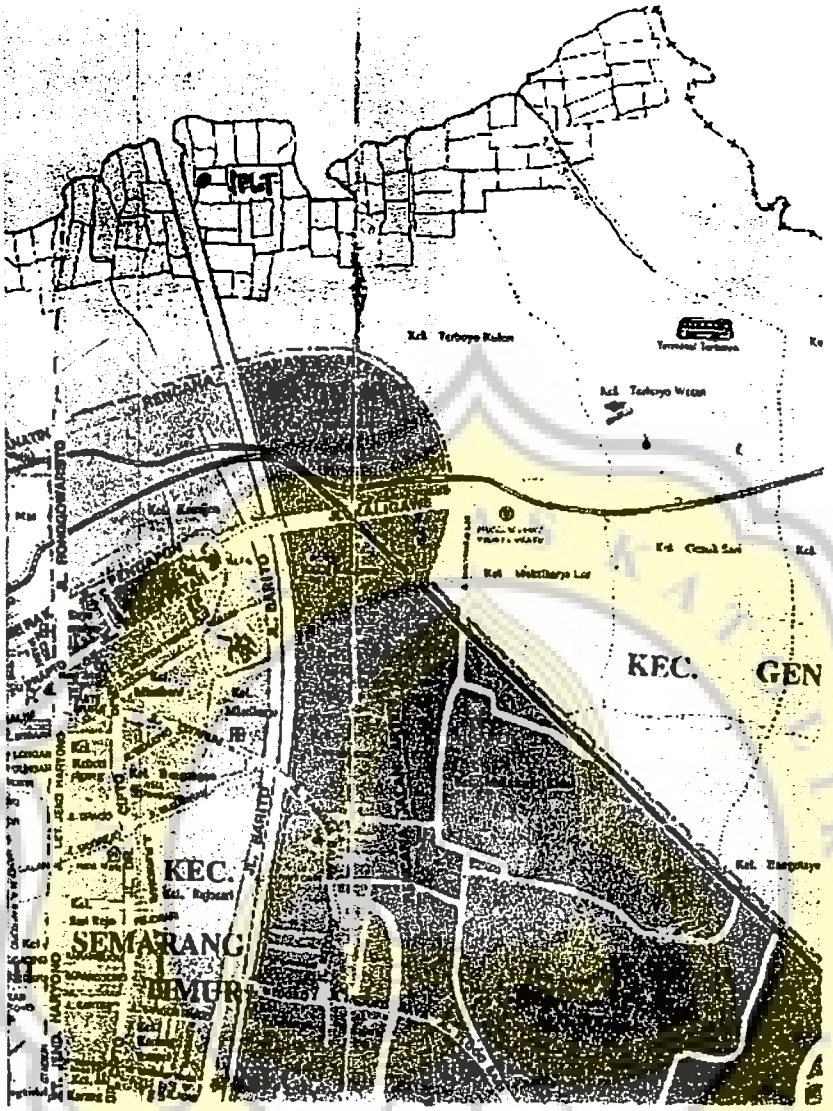
Jenis uji	Satuan	Persyaratan mutu
a. Organoleptik:		
-Nilai minimal		7
b. Cemaran mikroba:		
- ALT maksimal	Koloni / g	5×10^5
- *Escherichia coli*	APM / g	< 3
- *Vibrio cholera*	Per 25 g	Negatif

Keterangan :

ALT : Angka Lempeng Total

APM : Angka Paling Memungkinkan

Lampiran 2. Denah Lokasi Tambak IPLT dan non IPLT di Tambakrejo, Semarang



Lampiran 3. Data Mentah Jumlah Koloni Bakteri dalam Sedimen Pada Tambak dan Non IPLT

Jns Tbk	Sampel	Ul	Jumlah Bakteri (CFU/g)			Jumlah Bakteri (Log CFU/g)		
			Total	*E.coli*	Selain *E.coli*	Total	*E.coli*	Selain *E.coli*
IPLT	B11	1	2900	2200	700	3,46	3,34	2,85
		2	88000	1900	86100	4,94	3,28	4,94
	B12	1	2200	1900	300	3,34	3,28	2,48
		2	148000	17000	131000	5,17	4,23	5,12
	B13	1	2600	1700	900	3,41	3,23	2,95
		2	21000	15000	6000	4,32	4,18	3,78
	B14	1	78000	2000	76000	4,89	3,30	4,88
		2	21000	1400	19600	4,32	3,15	4,29
	B15	1	2300	1200	1100	3,36	3,08	3,04
		2	92000	10200	81800	4,96	4,01	4,91
	Rata[2]		45800	5450	40350	4,23	3,50	3,92
	Stdev		51776,12	6176,704	48514,59	0,76	0,45	1,03
Non IPLT	B21	1	12000	1200	10800	4,08	3,08	4,03
		2	11000	5000	6000	4,04	3,70	3,78
	B22	1	9200	7000	2200	3,96	3,85	3,34
		2	17000	9000	8000	4,23	3,95	3,90
	B23	1	3000	2000	1000	3,48	3,30	3,00
		2	2800	800	2000	3,45	2,90	3,30
	B24	1	200000	23000	177000	5,30	4,36	5,25
		2	47000	3000	44000	4,67	3,48	4,64
	B25	1	1000	600	400	3,00	2,78	2,60
		2	1500	700	800	3,18	2,84	2,90
	Rata[2]		30450	5230	25220	3,94	3,42	3,67
	Stdev		61097,1	6883,16	54905,77	0,70	0,54	0,82

Lampiran 4. Data Mentah Jumlah Koloni Bakteri dalam Air Tambak IPLT dan Non IPLT

Jns Tbk	Sampel	Ul	Jumlah Bakteri (CFU/ml)			Jumlah Bakteri (Log CFU/ml)		
			Total	*E.coli*	Selain *E.coli*	Total	*E.coli*	Selain *E.coli*
IPLT	C11	1	49	33	16	1,70	1,52	1,20
		2	35	31	4	1,52	1,50	0,60
	C12	1	440	410	30	2,64	2,61	1,48
		2	157	64	93	2,20	1,81	1,97
	C13	1	214	39	175	2,33	1,60	2,24
		2	98	53	45	1,99	1,72	1,65
	C14	1	310	146	164	2,49	2,16	2,21
		2	119	37	82	2,08	2,08	1,91
	C15	1	77	54	23	1,89	1,73	1,36
		2	64	35	29	1,81	1,54	1,46
	Rata[2]		156,3	90,2	66,1	2,06	1,83	1,60
	Stdev		130,4965	117,3985	61,25439	0,35	0,36	0,50
Non IPLT	C21	1	410	320	90	2,61	2,51	1,95
		2	760	122	638	2,88	2,09	2,80
	C22	1	150	40	110	2,18	1,60	2,04
		2	222	100	122	2,35	2,00	2,09
	C23	1	190	80	110	2,28	1,90	2,04
		2	37	30	7	1,57	1,48	0,85
	C24	1	66	37	29	1,82	1,57	1,46
		2	63	35	28	1,80	1,54	1,45
	C25	1	76	51	25	1,88	1,71	1,40
		2	250	121	129	2,40	2,08	2,11
	Rata[2]		222,4	93,6	128,8	2,18	1,85	1,82
	Stdev		220,3372	87,18461	184,7742	0.41	0,33	0,54

Lampiran 5. Data Mentah Jumlah Koloni Bakteri dalam Ikan Bandeng (Chanos chanos) Tambak IPLT dan Non IPLT

Jenis Tbk	Sampel	Ulangan	Juml. Tot. Koloni (CFU/g)			Jumlah *E.coli* (CFU/g)			Jumlah Selain *E.coli* (CFU/g)		
			Jerohan	Daging	Insang	Jerohan	Daging	Insang	Jerohan	Daging	Insang
IPLT	A11	1	25400	2800	16200	20000	1800	4200	4400	100	12000
		2	348000	25400	366000	13400	2200	900	334000	23200	357000
	A12	1	202000	55000	306000	2300	4200	60000	199000	50800	246000
		2	7400	342000	29200	7200	900	15000	200	341000	14200
	A13	1	266000	190000	370000	700	600	21600	265000	189000	348000
		2	53400	198000	272000	3300	10400	18400	50100	187000	253000
	A14	1	50000	272000	534000	15000	39000	52200	35000	233000	481000
		2	37400	58600	50200	146000	3700	9200	108000	623000	41000
	A15	1	41000	30000	3800	42000	2800	98000	100	27200	94200
		2	11000	88000	13200	152000	900	700	141000	87100	12500
		Rata-rata	104160	126180	196060	40190	6650	28020	113680	176140	185890
		Stdev	121757,1	116806,6	195237,9	58599,12	11719,7127	31991,9	119000	191653,9544	173187,3132
Non IPLT	A21	1	306000	3700	292000	900	1000	17200	307000	27000	275000
		2	4900	47800	4400	2500	1000	700	2400	46800	3700
	A22	1	31400	43400	3400	2900	3000	700	28500	40400	2700
		2	78000	4700	1100	900	11200	1300	77100	6500	200
	A23	1	4500	3100	5300	3900	2200	2600	600	900	2700
		2	16400	43800	3200	1100	2300	700	15300	41500	2500
	A24	1	152000	364000	39800	5100	7800	700	147000	356000	39000
		2	7000	7800	5500	600	6200	1200	100	1600	4300
	A25	1	10800	422000	1100	600	2000	800	10200	420000	300
		2	350000	30400	35400	1700	700	16200	348000	29700	19200
		Rata-rata	96100	97070	39120	2020	3740	4210	93620	97040	34960
		Stdev	130994,8	157575,9	89999,61	1546,178	3503,39518	6612,522	131831	154980,1937	85209,39176

Jenis Tbk	Sampel	Ulangan	Juml. Tot. Koloni (Log CFU/g)			Jumlah *E.coli* (Log CFU/g)			Jumlah Selain *E.coli* (Log CFU/g)		
			Jerohan	Daging	Insang	Jerohan	Daging	Insang	Jerohan	Daging	Insang
IPLT	A11	1	4,40	3,45	4,21	4,30	3,26	3,62	3,64	3,00	4,08
		2	5,54	4,40	5,56	4,13	3,34	3,95	5,52	4,37	5,55
	A12	1	5,30	4,74	5,49	3,36	3,62	4,78	5,30	4,71	5,39
		2	3,87	5,53	4,47	3,86	2,95	4,18	2,30	5,53	4,15
	A13	1	5,42	5,28	5,57	2,85	2,78	4,33	5,42	5,28	5,54
		2	4,73	5,30	5,43	3,52	4,02	4,26	4,70	5,27	5,40
	A14	1	4,70	5,43	5,73	4,18	4,59	4,72	4,54	5,37	5,68
		2	4,57	4,77	4,70	5,16	3,57	3,96	5,04	4,80	4,61
	A15	1	4,61	4,48	3,58	4,62	3,45	4,99	3,00	4,43	4,97
		2	4,04	4,94	4,12	5,18	2,95	2,85	5,15	4,94	4,09
		Rata-rata	4,72	4,83	4,89	4,12	3,45	4,16	4,46	4,77	4,95
		Stdev	0,56	0,62	0,76	0,75	0,54	0,63	1,11	0,74	0,66
Non IPLT	A21	1	4,49	3,57	5,47	2,95	3,00	4,24	5,49	3,43	5,44
		2	3,69	4,68	3,64	3,38	3,00	2,85	3,38	4,67	3,57
	A22	1	4,50	4,64	3,53	3,46	3,48	2,85	4,45	4,61	3,43
		2	4,89	3,67	3,04	2,95	4,05	3,11	4,89	3,81	2,30
	A23	1	3,65	3,49	3,72	3,59	3,34	3,41	2,79	2,95	3,43
		2	4,21	4,64	3,51	3,04	3,36	2,85	4,18	4,62	3,40
	A24	1	5,18	5,56	4,60	3,71	3,89	2,85	5,17	5,55	4,60
		2	2,85	3,89	3,74	2,78	3,79	3,08	2,00	3,20	3,63
	A25	1	4,03	5,62	3,04	2,78	3,30	2,90	4,01	3,62	2,48
		2	5,54	4,48	4,55	3,23	2,85	4,21	5,54	4,47	4,28
		Rata-rata	4,30	4,42	3,88	3,19	3,41	3,24	4,19	4,09	3,66
		Stdev	0,80	0,77	0,77	0,34	0,40	0,55	1,18	0,82	0,93

Lampiran 6. Pengolahan Data Statistik Jumlah Koloni Bakteri dalam Sedimen

Descriptives

	TAMPAK			Statistic	Std. Error
TPC	1,00	Mean		4,2170	,2400
		95% Confidence Interval for Mean	Lower Bound	3,6740	
			Upper Bound	4,7600	
		5% Trimmed Mean		4,2128	
		Median		4,3200	
		Variance		,576	
		Std. Deviation		,7590	
		Minimum		3,34	
		Maximum		5,17	
		Range		1,83	
		Interquartile Range		1,5475	
		Skewness		-,008	,687
		Kurtosis		-2,043	1,334
	2,00	Mean		3,9390	,2213
		95% Confidence Interval for Mean	Lower Bound	3,4383	
			Upper Bound	4,4397	
		5% Trimmed Mean		3,9156	
		Median		4,0000	
		Variance		,490	
		Std. Deviation		,7000	
		Minimum		3,00	
		Maximum		5,30	
		Range		2,30	
		Interquartile Range		,9575	
		Skewness		,552	,687
		Kurtosis		-,146	1,334
E.COLI	1,00	Mean		3,5080	,1410
		95% Confidence Interval for Mean	Lower Bound	3,1691	
			Upper Bound	3,8469	
		5% Trimmed Mean		3,4917	
		Median		3,2900	
		Variance		,199	
		Std. Deviation		,4458	
		Minimum		3,08	
		Maximum		4,23	
		Range		1,15	
		Interquartile Range		,8425	
		Skewness		,977	,687
		Kurtosis		-1,007	1,334
	2,00	Mean		3,4240	,1692
		95% Confidence Interval for Mean	Lower Bound	3,0412	
			Upper Bound	3,8068	
		5% Trimmed Mean		3,4078	
		Median		3,3900	
		Variance		,286	
		Std. Deviation		,5352	
		Minimum		2,78	
		Maximum		4,36	
		Range		1,58	
		Interquartile Range		,9600	
		Skewness		,373	,687
		Kurtosis		-,885	1,334
SLN_ECO	1,00	Mean		3,9240	,3244
		95% Confidence Interval for Mean	Lower Bound	3,1901	
			Upper Bound	4,6579	
		5% Trimmed Mean		3,9378	
		Median		4,0350	
		Variance		1,052	
		Std. Deviation		1,0259	
		Minimum		2,48	
		Maximum		5,12	
		Range		2,64	
		Interquartile Range		1,9925	
		Skewness		-,158	,687
		Kurtosis		-1,955	1,334
	2,00	Mean		3,6740	,2596
		95% Confidence Interval for Mean	Lower Bound	3,0868	
			Upper Bound	4,2612	
		5% Trimmed Mean		3,6461	
		Median		3,5600	
		Variance		,674	
		Std. Deviation		,8209	
		Minimum		2,60	
		Maximum		5,25	
		Range		2,65	
		Interquartile Range		1,2075	
		Skewness		,697	,687
		Kurtosis		-,019	1,334

Tests of Normality

	TAMBAK	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
		Statistic	df	Sig.	Statistic	df	Sig.
TPC	1,00	,241	10	,105	,840	10	,049
	2,00	,144	10	,200*	,957	10	,723
E.COLI	1,00	,347	10	,001	,773	10	,010**
	2,00	,140	10	,200*	,946	10	,592
SLN_ECO	1,00	,224	10	,167	,874	10	,130
	2,00	,158	10	,200*	,955	10	,695

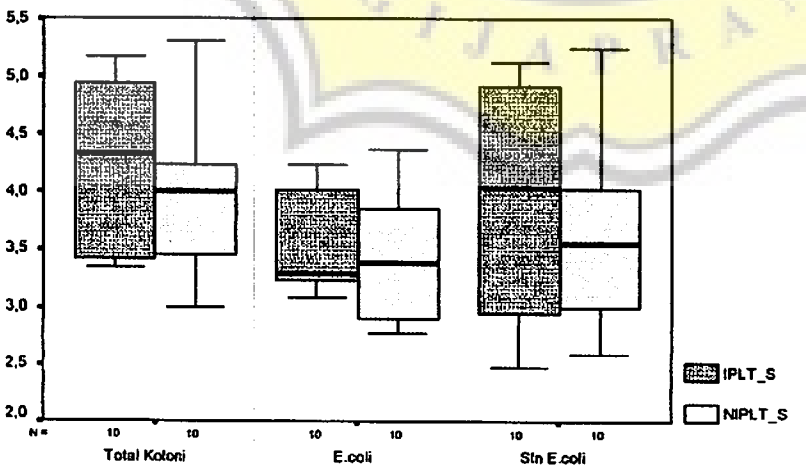
*. This is a lower bound of the true significance.

**. This is an upper bound of the true significance.

a. Lilliefors Significance Correction

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TPC	Equal variances assumed	,626	,439	,851	18	,406	,2780	,3265	-,4080	,9640
	Equal variances not assumed			,851	17,883	,406	,2780	,3265	-,4083	,9643
E.COLI	Equal variances assumed	,395	,538	,381	18	,707	8,400E-02	,2203	-,3788	,5468
	Equal variances not assumed			,381	17,431	,708	8,400E-02	,2203	-,3798	,5478
SLN_ECO	Equal variances assumed	1,877	,187	,602	18	,555	,2500	,4155	-,6229	1,1229
	Equal variances not assumed			,602	17,174	,555	,2500	,4155	-,6259	1,1259



BAKTERI

Lampiran 7. Pengolahan Data Statistik Jumlah Koloni Bakteri dalam Air

Descriptives

	TAMBAK			Statistic	Std. Error
TOT_BAKT	tpl	Mean		2.0850	.1121
		95% Confidence Interval for Mean	Lower Bound	1.8114	
			Upper Bound	2.3186	
		5% Trimmed Mean		2.0833	
		Median		2.0350	
		Variance		.126	
		Std. Deviation		.3546	
		Minimum		1.52	
		Maximum		2.64	
		Range		1.12	
		Interquartile Range		.5675	
		Skewness		.172	.687
		Kurtosis		-.771	1.334
	non tpl	Mean		2.1770	.1290
		95% Confidence Interval for Mean	Lower Bound	1.8851	
			Upper Bound	2.4689	
		5% Trimmed Mean		2.1717	
		Median		2.2300	
		Variance		.166	
		Std. Deviation		.4060	
		Minimum		1.57	
		Maximum		2.88	
		Range		1.31	
		Interquartile Range		.6375	
		Skewness		.198	.687
		Kurtosis		-.684	1.334
E COLI	tpl	Mean		1.8270	.1128
		95% Confidence Interval for Mean	Lower Bound	1.5719	
			Upper Bound	2.0821	
		5% Trimmed Mean		1.8017	
		Median		1.7250	
		Variance		.127	
		Std. Deviation		.3565	
		Minimum		1.50	
		Maximum		2.61	
		Range		1.11	
		Interquartile Range		.5650	
		Skewness		1.323	.687
		Kurtosis		1.362	1.334
	non tpl	Mean		1.8460	.1035
		95% Confidence Interval for Mean	Lower Bound	1.6138	
			Upper Bound	2.0822	
		5% Trimmed Mean		1.8317	
		Median		1.8050	
		Variance		.107	
		Std. Deviation		.3274	
		Minimum		1.48	
		Maximum		2.51	
		Range		1.03	
		Interquartile Range		.5200	
		Skewness		.600	.687
		Kurtosis		.152	1.334
SUH_ECO	tpl	Mean		1.8080	.1568
		95% Confidence Interval for Mean	Lower Bound	1.2469	
			Upper Bound	1.9571	
		5% Trimmed Mean		1.6239	
		Median		1.5650	
		Variance		.252	
		Std. Deviation		.5020	
		Minimum		.80	
		Maximum		2.24	
		Range		1.84	
		Interquartile Range		.7100	
		Skewness		-.622	.687
		Kurtosis		.406	1.334
	non tpl	Mean		1.8190	.1705
		95% Confidence Interval for Mean	Lower Bound	1.4334	
			Upper Bound	2.2046	
		5% Trimmed Mean		1.8183	
		Median		1.9950	
		Variance		.291	
		Std. Deviation		.5390	
		Minimum		.85	
		Maximum		2.80	
		Range		1.95	
		Interquartile Range		.6675	
		Skewness		-.000	.687
		Kurtosis		.551	1.334

Tests of Normality

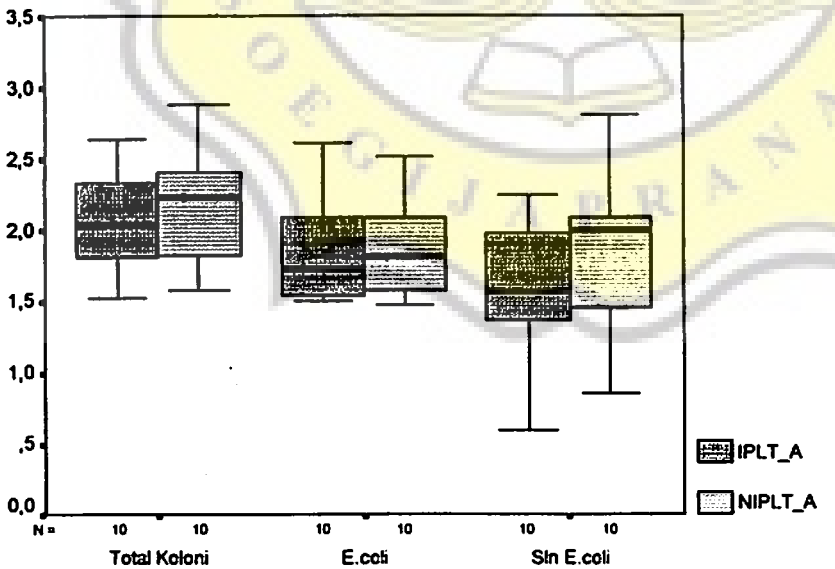
	TAMBAK	Kolmogorov-Smirnov[a] Statistic	df	Sig.	Shapiro-Wilk Statistic	df	Sig.
TOT_BAKT	iplt	,089	10	,200*	,987	10	,990*
	non iplt	,167	10	,200*	,969	10	,867
E.COLI	iplt	,219	10	,191	,856	10	,076
	non iplt	,176	10	,200*	,913	10	,358
SLN_ECO	iplt	,126	10	,200*	,948	10	,619
	non iplt	,186	10	,200*	,934	10	,475

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Independent Samples Test

		Levene's Test for Equality of Variances F	Sig.	t-test for Equality of Means t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference Lower	Upper
TOT_BAKT	Equal variances assumed	,237	,632	-,655	18	,521	-,1120	,1709	-,4711	,2471
	Equal variances not assumed			-,655	17,857	,521	-,1120	,1709	-,4716	,2476
E.COLI	Equal variances assumed	,005	,946	-,137	18	,892	2,100E-02	,1531	-,3426	,3006
	Equal variances not assumed			-,137	17,870	,892	2,100E-02	,1531	-,3428	,3008
SLN_ECO	Equal variances assumed	,070	,794	-,906	18	,377	-,2110	,2329	-,7004	,2784
	Equal variances not assumed			-,906	17,910	,377	-,2110	,2329	-,7005	,2785



JML_KLN

Lampiran 8. Pengolahan Data Statistik Jumlah Koloni Bakteri dalam Jaringan Ikan

a. Tambak IPLT

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
JUML_TOT	jerohan	10	4,7180	,5599	,1770	4,3175	5,1185	3,87	5,54
	daging	10	4,8320	,6244	,1975	4,3853	5,2787	3,45	5,53
	insang	10	4,8860	,7639	,2416	4,3395	5,4325	3,58	5,73
	Total	30	4,8120	,6360	,1161	4,5745	5,0495	3,45	5,73
E.COLI	jerohan	10	4,1160	,7535	,2383	3,5770	4,6550	2,85	5,18
	daging	10	3,4530	,5441	,1721	3,0637	3,8423	2,78	4,59
	insang	10	4,1640	,6252	,1977	3,7168	4,6112	2,85	4,99
	Total	30	3,9110	,7059	,1289	3,6474	4,1746	2,78	5,18
SLN_ECO	jerohan	10	4,4610	1,1104	,3511	3,6667	5,2553	2,30	5,52
	daging	10	4,7700	,7371	,2331	4,2427	5,2973	3,00	5,53
	insang	10	4,9460	,6574	,2079	4,4757	5,4163	4,08	5,68
	Total	30	4,7257	,8526	,1557	4,4073	5,0440	2,30	5,68

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
JUML_TOT	Between Groups	,147	2	7,356E-02	,171	,843
	Within Groups	11,582	27	,429		
	Total	11,729	29			
E.COLI	Between Groups	3,158	2	1,579	3,776	,036
	Within Groups	11,292	27	,418		
	Total	14,450	29			
SLN_ECO	Between Groups	1,206	2	,603	,819	,452
	Within Groups	19,876	27	,736		
	Total	21,082	29			

JUML_TOT

Duncan[a]

JAR_IKAN	N	Subset for alpha = .05
		1
jerohan	10	4,7180
daging	10	4,8320
insang	10	4,8860
Sig.		,594

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

E.COLI

Duncan[a]

JAR_IKAN	N	Subset for alpha = .05	
		1	2
daging	10	3,4530	
jerohan	10		4,1160
insang	10		4,1640
Sig.		1,000	,869

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

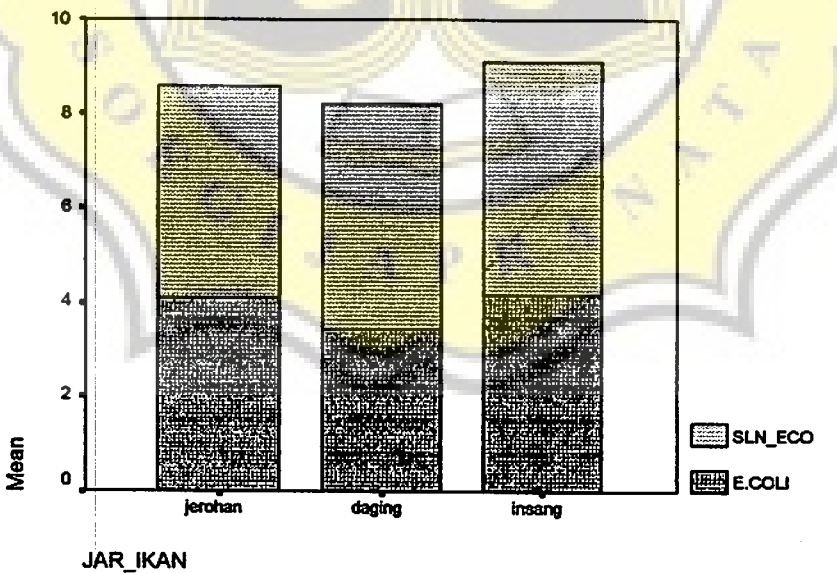
SLN_ECO

Duncan[a]

JAR_IKAN	N	Subset for alpha = .05
		1
jerohan	10	4,4610
daging	10	4,7700
insang	10	4,9460
Sig.		,243

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.



b. Tambak non IPLT

Descriptives

		N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
						Lower Bound	Upper Bound		
TOT_BAKT	jerohan	10	4,3030	,7968	,2520	3,7330	4,8730	2,85	5,54
	daging	10	4,4240	,7702	,2435	3,8731	4,9749	3,49	5,62
	insang	10	3,8840	,7651	,2420	3,3367	4,4313	3,04	5,47
	Total	30	4,2037	,7862	,1435	3,9101	4,4973	2,85	5,62
E.COLI	jerohan	10	3,1870	,3358	,1062	2,9468	3,4272	2,78	3,71
	daging	10	3,4060	,4026	,1273	3,1180	3,6940	2,85	4,05
	insang	10	3,2350	,5514	,1744	2,8406	3,6294	2,85	4,24
	Total	30	3,2760	,4345	7,932E-02	3,1138	3,4382	2,78	4,24
SLN_ECO	jerohan	10	4,1900	1,1773	,3723	3,3478	5,0322	2,00	5,54
	daging	10	4,0920	,8151	,2578	3,5089	4,6751	2,95	5,55
	insang	10	3,6560	,9346	,2955	2,9875	4,3245	2,30	5,44
	Total	30	3,9793	,9814	,1792	3,6129	4,3458	2,00	5,55

Test of Homogeneity of Variances

	Levene Statistic	df1	df2	Sig.
TOT_BAKT	,009	2	27	,991
E.COLI	1,023	2	27	,373
SLN_ECO	,593	2	27	,560

ANOVA

		Sum of Squares	df	Mean Square	F	Sig.
TOT_BAKT	Between Groups	1,606	2	,803	1,328	,282
	Within Groups	16,321	27	,604		
	Total	17,927	29			
E.COLI	Between Groups	,265	2	,133	,687	,512
	Within Groups	5,209	27	,193		
	Total	5,474	29			
SLN_ECO	Between Groups	1,616	2	,808	,829	,447
	Within Groups	26,316	27	,975		
	Total	27,932	29			

TOT_BAKT

Duncan[a]

JAR_IKAN	N	Subset for alpha = .05
		1
insang	10	3,8840
jerohan	10	4,3030
daging	10	4,4240
Sig.		,153

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

SLN_ECO

Duncan[a]

JAR_IKAN	N	Subset for alpha = .05
		1
insang	10	3,6560
daging	10	4,0920
jerohan	10	4,1900
Sig.		,264

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.

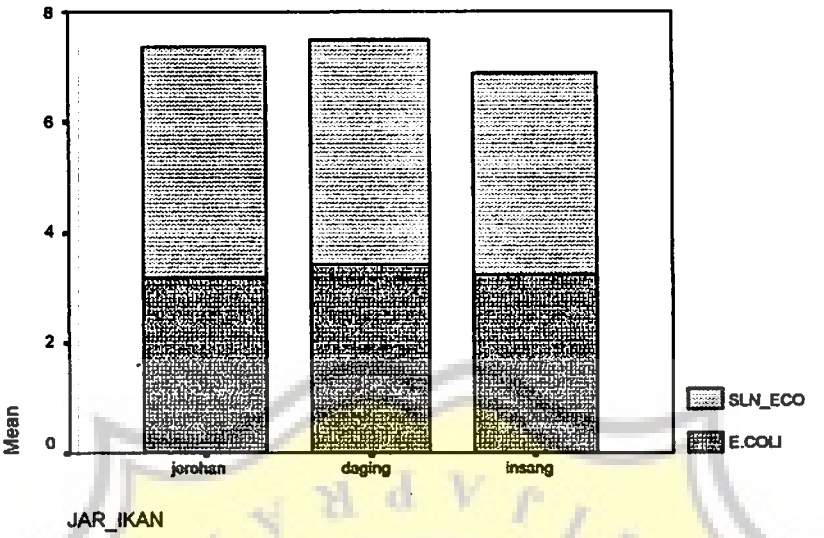
E.COLI

Duncan[a]

JAR_IKAN	N	Subset for alpha = .05
		1
jerohan	10	3,1870
insang	10	3,2350
daging	10	3,4060
Sig.		,302

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 10,000.



Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means						
									95% Confidence Interval of the Difference	
		F	Sig.	t	df	Sig. (2-tailed)	Mean Difference	Std. Error Difference	Lower	Upper
TPC_J	Equal variances assumed	1,147	,298	1,348	18	,195	,4150	,3080	-,2320	1,0620
	Equal variances not assumed			1,348	16,145	,196	,4150	,3080	-,2374	1,0674
ECO_J	Equal variances assumed	3,734	,069	3,561	18	,002	,9290	,2609	,3810	1,4770
	Equal variances not assumed			3,561	12,440	,004	,9290	,2609	,3629	1,4951
TPC_D	Equal variances assumed	,707	,411	1,301	18	,210	,4080	,3135	-,2507	1,0667
	Equal variances not assumed			1,301	17,262	,210	,4080	,3135	-,2527	1,0687
ECO_D	Equal variances assumed	,379	,546	,220	18	,829	4,700E-02	,2140	-,4027	,4967
	Equal variances not assumed			,220	16,581	,829	4,700E-02	,2140	-,4055	,4995
TPC_I	Equal variances assumed	,209	,653	2,931	18	,009	1,0020	,3419	,2837	1,7203
	Equal variances not assumed			2,931	18,000	,009	1,0020	,3419	,2837	1,7203
ECO_I	Equal variances assumed	,018	,893	3,535	18	,002	,9330	,2639	,3786	1,4874
	Equal variances not assumed			3,535	17,734	,002	,9330	,2639	,3780	1,4880
S_ECOJ	Equal variances assumed	,011	,919	,530	18	,603	,2710	,5118	-,8042	1,3462
	Equal variances not assumed			,530	17,939	,603	,2710	,5118	-,8045	1,3465
S_ECOD	Equal variances assumed	,814	,379	1,947	18	,067	,6770	,3477	-5,35E-02	1,4075
	Equal variances not assumed			1,947	17,818	,067	,6770	,3477	-5,40E-02	1,4080
S_ECOI	Equal variances assumed	,223	,642	3,570	18	,002	1,2900	,3613	,5309	2,0491
	Equal variances not assumed			3,570	16,155	,003	1,2900	,3613	,5246	2,0554

Group Statistics

	TAMBAK	N	Mean	Std. Deviation	Std. Error Mean
TPC_J	IPLT	10	4,7180	,5599	,1770
	Non IPLT	10	4,3030	,7968	,2520
ECO_J	IPLT	10	4,1160	,7535	,2383
	Non IPLT	10	3,1870	,3358	,1062
TPC_D	IPLT	10	4,8320	,6244	,1975
	Non IPLT	10	4,4240	,7702	,2435
ECO_D	IPLT	10	3,4530	,5441	,1721
	Non IPLT	10	3,4060	,4026	,1273
TPC_I	IPLT	10	4,8860	,7639	,2416
	Non IPLT	10	3,8840	,7651	,2420
ECO_I	IPLT	10	4,1640	,6252	,1977
	Non IPLT	10	3,2310	,5528	,1748
S_ECOJ	IPLT	10	4,4610	1,1104	,3511
	Non IPLT	10	4,1900	1,1773	,3723
S_ECOD	IPLT	10	4,7700	,7371	,2331
	Non IPLT	10	4,0930	,8158	,2580
S_ECOI	IPLT	10	4,9460	,6574	,2079
	Non IPLT	10	3,6560	,9346	,2955

Lampiran 9. Korelasi antara Jumlah Total Koloni Bakteri, *E. coli*, dan selain *E. coli* dalam Sedimen, Air, dan Jaringan Ikan Bandeng Pada Tambak IPLT

Correlations

		TPC_S1	TPC_A1	TPC_J1	TPC_D1	TPC_I1	ECO_S1	ECO_A1	ECO_J1	ECO_D1	ECO_I1	S_ECOS1	S_ECOA1	S_ECOJ1	S_ECOD1	S_ECOI1
TPC_S1	Pearson Correlation	1.000	-.193	-.389	.456	.130	.560	-.170	.342	.120	-.403	.984**	.021	-.037	.455	-.153
	Sig (2-tailed)	.	.594	.267	.185	.721	.092	.638	.334	.741	.249	.000	.956	.919	.186	.674
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_A1	Pearson Correlation	-.193	1.000	.143	.578	.447	-.034	.610**	-.479	.319	.567	-.233	.738*	.077	.553	.371
	Sig (2-tailed)	.594	.	.694	.080	.195	.818	.005	.161	.370	.087	.517	.015	.833	.097	.291
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_J1	Pearson Correlation	-.389	143	1.000	-.088	.684*	-.560	167	-.652	.120	.407	-.388	- 223	607*	- 047	.828**
	Sig (2-tailed)	.267	694	.	.806	.029	079	645	098	.743	.243	.267	.535	035	.897	.003
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_D1	Pearson Correlation	.456	.578	-.088	1.000	.408	.488	.258	-.306	.174	.236	.429	.732*	.037	.993**	.319
	Sig (2-tailed)	.185	080	.806	.	.242	.183	472	.388	.631	.511	.215	.024	.918	.000	370
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_I1	Pearson Correlation	.130	447	.684*	.408	1.000	- 077	340	-.631	.412	.277	.062	.207	629	.397	.788**
	Sig (2-tailed)	.721	195	.029	.242	.	832	336	.050	.237	.439	.866	.567	052	.256	.007
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_S1	Pearson Correlation	.560	-.034	-.560	.456	- 077	1.000	- 235	-.054	- 139	- 403	452	.119	- 272	.419	- 379
	Sig (2-tailed)	.092	818	079	.183	.832	.	514	882	.701	.249	190	.743	446	.226	280
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_A1	Pearson Correlation	-.170	610**	.167	.258	.340	- 235	1.000	-.152	.604	.549	-.214	.338	133	.269	.303
	Sig (2-tailed)	.638	005	.645	.472	.336	.514	.	.676	.137	.100	.553	.340	715	.452	.387
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_J1	Pearson Correlation	.342	-.479	-.952	-.306	-.631	-.054	-.152	1.000	037	- 472	427	- 248	- 126	- 269	- 563
	Sig (2-tailed)	.334	161	093	.388	.050	882	676	.	.918	.169	219	.493	724	.452	090
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_D1	Pearson Correlation	.120	319	.120	.174	.412	- 139	504	037	1.000	.488	.092	.156	106	.148	516
	Sig (2-tailed)	.741	370	.740	.631	.237	.701	137	.918	.	.172	801	.666	773	.682	128
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_I1	Pearson Correlation	-.403	567	.407	.236	.277	- 409	549	-.472	.488	1.000	- 389	.251	- 203	.236	640*
	Sig (2-tailed)	.249	087	.243	.511	.439	241	100	169	.172	.	266	.487	573	.511	046
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOS1	Pearson Correlation	.984**	-.233	-.388	.429	.062	.452	-.214	.427	.092	-.389	1.000	.037	- 064	.437	-.161
	Sig (2-tailed)	.000	517	.267	.215	.866	.190	553	.219	801	.266	.	.920	883	.207	656
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOA1	Pearson Correlation	.021	738*	-.223	.732*	.207	.119	338	-.248	.156	.251	.037	1.000	- 104	.655*	.066
	Sig (2-tailed)	.956	015	.535	.024	.567	.743	340	493	.666	.487	920	.	774	040	813
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOJ1	Pearson Correlation	-.037	077	.667*	.037	.629	- 272	133	-.126	.106	- 203	- 054	- 104	1.000	.056	.511
	Sig (2-tailed)	.919	833	.035	.918	.052	446	715	.724	.773	573	883	774	.	816	131
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOD1	Pearson Correlation	.455	553	- 047	.993**	.397	.419	269	-.269	.148	.236	437	.655*	056	1 000	336
	Sig (2-tailed)	.186	097	.897	.000	.256	226	452	452	682	.511	207	040	816	.	342
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOI1	Pearson Correlation	-.153	371	.828**	.319	.788**	- 379	303	-.563	.516	.640*	- 161	.066	511	.336	1 000
	Sig (2-tailed)	.674	291	.003	.370	.007	280	387	090	128	046	656	813	131	342	.
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

**. Correlation is significant at the 0.01 level (2-tailed).

*. Correlation is significant at the 0.05 level (2-tailed).

Lampiran 10. Korelasi antara Jumlah Total Koloni Bakteri, *E. coli*, dan selain *E. coli* dalam Sedimen, Air, dan Jaringan Ikan Bandeng Pada Tambak Non IPLT

Correlations

		TPC_S2	TPC_A2	TPC_J2	TPC_D2	TPC_I2	ECO_S2	ECO_A2	ECO_J2	ECO_D2	ECO_I2	S_ECOS2	S_ECOA2	S_ECOJ2	S_ECOD2	S_ECOI2
TPC_S2	Pearson Correlation	1,000	-,065	-,012	,139	,437	,636**	-,163	,271	,633*	-,258	,978**	-,004	-,022	,321	,334
	Sig. (2-tailed)	.	,816	,975	,703	,208	,003	,652	,449	,050	,472	,000	,992	,952	,366	,345
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_A2	Pearson Correlation	-,065	1,000	,148	-,476	-,060	,074	,851**	,177	-,501	,451	-,117	,938**	,189	-,111	,229
	Sig. (2-tailed)	,816	.	,688	,164	,869	,840	,002	,625	,140	,191	,748	,000	,601	,761	,525
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_J2	Pearson Correlation	-,012	,148	1,000	-,088	,684*	,160	-,209	,556	-,213	-,443	-,102	,284	-,521	,081	-,019
	Sig. (2-tailed)	,975	,688	.	,808	,029	,619	,563	,095	,555	,200	,780	,452	,123	,825	,958
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_D2	Pearson Correlation	,139	-,476	-,088	1,000	,408	,387	-,605	,345	,606	-,443	,076	-,255	-,103	,281	-,481
	Sig. (2-tailed)	,703	,164	,808	.	,242	,297	,064	,329	,063	,199	,835	,459	,776	,431	,159
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
TPC_I2	Pearson Correlation	,437	-,060	,684*	,408	1,000	,586	-,372	,765*	,220	-,479	,357	,083	-,257	,445	,113
	Sig. (2-tailed)	,206	,869	,029	,242	.	,075	,290	,010	,541	,162	,311	,820	,473	,197	,755
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_S2	Pearson Correlation	,636**	,074	,160	,387	,586	1,000	-,208	,530	,669*	-,461	,717*	,264	,020	,438	-,002
	Sig. (2-tailed)	,003	,840	,619	,297	,075	.	,563	,115	,034	,180	,020	,461	,957	,205	,995
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_A2	Pearson Correlation	-,163	,851**	-,209	-,605	-,372	-,208	1,000	-,094	-,541	,755*	-,118	,641*	,397	-,292	,416
	Sig. (2-tailed)	,652	,002	,563	,064	,290	,563	.	,797	,107	,012	,745	,046	,256	,414	,232
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_J2	Pearson Correlation	,271	,177	,556	,345	,765*	,530	-,094	1,000	-,015	-,133	,165	,326	,117	,516	,275
	Sig. (2-tailed)	,449	,625	,095	,329	,010	,115	,797	.	,967	,715	,648	,358	,748	,127	,442
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_D2	Pearson Correlation	,633*	-,501	-,213	,606	,220	,669*	-,541	-,015	1,000	-,554	,583	-,340	-,172	,049	-,392
	Sig. (2-tailed)	,050	,140	,555	,063	,541	,034	,107	,967	.	,096	,091	,337	,635	,893	,262
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
ECO_I2	Pearson Correlation	-,258	,451	-,443	-,443	-,479	-,461	,755*	-,133	-,554	1,000	-,174	,249	,432	-,334	,600
	Sig. (2-tailed)	,472	,191	,200	,199	,162	,180	,012	,715	,096	.	,631	,488	,212	,346	,066
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOS2	Pearson Correlation	,978**	-,117	-,102	,076	,357	,717*	-,118	,165	,583	-,174	1,000	-,087	-,003	,301	,418
	Sig. (2-tailed)	,000	,748	,780	,835	,311	,020	,745	,648	,091	,631	.	,811	,993	,399	,229
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOA2	Pearson Correlation	-,004	,938**	,284	-,265	,083	,264	,641*	,326	-,340	,249	-,087	1,000	,044	-,033	,061
	Sig. (2-tailed)	,992	,000	,452	,458	,820	,461	,046	,358	,337	,488	,811	.	,905	,927	,868
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOJ2	Pearson Correlation	-,022	,189	-,521	-,103	-,257	,020	,397	,117	-,172	,432	-,003	,044	1,000	,484	,377
	Sig. (2-tailed)	,952	,601	,123	,776	,473	,957	,256	,748	,635	,212	,993	,905	.	,157	,283
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOD2	Pearson Correlation	,321	-,111	,081	,281	,445	,438	-,292	,516	,049	-,334	,301	-,033	,484	1,000	,196
	Sig. (2-tailed)	,366	,761	,825	,431	,197	,205	,414	,127	,893	,346	,399	,927	,157	.	,589
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
S_ECOI2	Pearson Correlation	,334	,229	-,019	-,481	,113	-,002	,416	,275	-,392	,600	,418	,061	,377	,196	1,000
	Sig. (2-tailed)	,345	,525	,958	,159	,755	,995	,232	,442	,262	,066	,229	,868	,283	,589	.
	N	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

** Correlation is significant at the 0 01 level (2-tailed).

* Correlation is significant at the 0 05 level (2-tailed).