Temple-Inland

September 20, 2011

FedEx Tracking Number 8659 7387 4286

Celena Cage
Enforcement Division
Louisiana Department of Environmental Quality
Galvez Building
602 North Fifth Street
Baton Rouge, LA 70821-4312

Re: TIN Inc. – dba Temple-Inland
Weekly DMR and Progress Report for Week of September 11, 2011
Compliance Order WE-CN-11-01062A
Compliance Order WE-CN-11-01062B
NPDES Permit No. LA 0007901
Agency Interest No. 38936

Dear Ms. Cage:

Enclosed is the weekly start-up progress report and Discharge Monitoring Report for the week of September 11, 2011, for the Temple-Inland Bogalusa Mill Effluent Treatment System startup as required in section VII, Paragraph D of Compliance Order WE-CN-11-01062A and section VIII, Paragraph D of Compliance Order WE-CN-11-01062B.

Should you have any questions, please contact Alban Bush at (985) 732-8506 or e-mail at albanbush@templeinland.com.

Regards,

George Obernesser
Group Vice President

Attachments: DMR for September 11 – September 17, 2011
Correction to DMR for September 4 – September 10 2011
Draft Daily – Consolidated Update Report 9/11 – 9/17/2011
Data – Consolidated Update Report 9/4/2011 – 9/10/2011

401 Avenue U Bogalusa, LA 70427

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME TIN, INC. D/B/A TEMPLE-INLAND

ADDRESS P.O. BOX 1060
BOGALUSA, LA 70427

FACILITY LOCATION TIN, INC. D/B/A TEMPLE-INLAND
BOGALUSA, LA 70427

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0007901	001 A

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	09	11	TO	11	09	17
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

☐ Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*	10929**	(26) LBS/DY	******	******	******	**** ****	0	7/7	COMP 24
	PERMIT REQUIREMENT	17718 MO AVG	35610 DAILY MX		******	******	******			THREE /WEEK	COMP 24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	**** ****	7.5	******	8.0	(12) SU	0	46/7	Grab
	PERMIT REQUIREMENT	******	******		6.0 INST MIN	******	9.0 INST MAX			THREE /WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*	21260	(26) LBS/DY	******	******	******	**** ****	0	7/7	COMP 24
	PERMIT REQUIREMENT	35549 MO AVG	71098 DAILY MX		******	******	******			THREE /WEEK	COMP 24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*	16.12	(03) MGD	******	******	******	**** ****	0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX		******	******	******			CONTI NUOUS	RCORD R
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
George Obernesser Group Vice President	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	512 (AREA CODE)	434-3806 (NUMBER)	11 (YEAR)	09 (MO)	20 (DAY)
TYPED OR PRINTED							

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

* monthly average not applicable, ** All test results not available due to the duration of the test method, a corrected DMR will be provided when the results are available.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME TIN, INC. D/B/A TEMPLE-INLAND

ADDRESS P.O. BOX 1060
BOGALUSA, LA 70427

FACILITY LOCATION TIN, INC. D/B/A TEMPLE-INLAND
BOGALUSA, LA 70427

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) PERMIT NUMBER	(17-19) DISCHARGE NUMBER
LA0007901	001 A

Form Approved.
OMB No. 2040-0004
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MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	11	09	04	TO	11	09	10
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

☐ Check here if No Discharge

NOTE: Read Instructions before completing this form

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53) AVERAGE	(54-61) MAXIMUM	UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) MINIMUM	(46-53) AVERAGE	(54-61) MAXIMUM	UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
BOD, 5-DAY (20 DEG. C) 00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*	11794	(26) LBS/DY	******	******	******	**** ****	0	7/7	COMP 24
	PERMIT REQUIREMENT	17718 MO AVG	35610 DAILY MX		******	******	******			THREE /WEEK	COMP 24
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	**** ****	7.6	******	8.2	(12) SU	0	85/7	Grab
	PERMIT REQUIREMENT	******	******		6.0 INST MIN	******	9.0 INST MAX			THREE /WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*	27486	(26) LBS/DY	******	******	******	**** ****	0	7/7	COMP 24
	PERMIT REQUIREMENT	35549 MO AVG	71098 DAILY MX		******	******	******			THREE /WEEK	COMP 24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*	26.89	(03) MGD	******	******	******	**** ****	0	99/99	RC
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX		******	******	******			CONTI NUOUS	RCORD R
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

George Obernesser
Group Vice President

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
512	434-3806	11	09	20
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

This is a correction to the DMR submitted on 09/14/11, * monthly average not applicable

Effluent Treatment and River Monitoring Data

DRAFT Week 9/11/11 - 9/17/11

Effluent Samples - ASB7 (Outfall-001)

Date	Sample	pH (SU)	Mill insitu pH (SU)	Conductivity (uS/cm)	Mill Conductivity (uS/cm)	DO (mg/l)	TSS[1] (mg/l)	COD (mg/l)	BOD_1 (mg/l)	BOD_5 (mg/l)	DOUR (mg/l/hr)	Maturity Index
9/11/2011	0:01	7.72	7.81	1,752	1,783	2.81	155	553	Once Daily			
	4:07	7.64	7.67	1,713	1,784	2.09	175	704				
	8:28	7.71	7.62	1,759	1,787	3.43	120	537	60	62	1.7	1.3
	12:11	7.66	7.61	1,845	1,791	2.68	136	581	Once Daily			
	16:56	7.71	7.54	2,065	1,844	1.78	160	603				
	20:06	7.68	7.50	1,929	1,849	0.60	200	584				
9/12/2011	0:04	7.68	7.48	1,868	1,858	0.89	180	572	Once Daily			
	3:58	7.62	7.51	1,835	1,866	0.57	160	743				
	8:22	7.70	7.51	1,891	1,881	2.42	120	587	80	79	4.1	1.2
	12:09	7.69	7.73	2,062	1,945	2.01	136	619	Once Daily			
	15:55	7.69	7.69	2,220	1,945	1.39	136	635				
	20:09	7.63	7.64	2,108	2,014	0.42	205	665				
9/13/2011	0:05	7.68	7.60	2,038	2,013	0.63	180	648	Once Daily			
	3:57	7.73	7.55	1,989	2,012	2.23	180	638				
	8:23	7.69	7.59	2,018	2,002	1.56	170	640	109	81	4.3	1.1
	12:03	7.65	7.59	2,167	2,009	1.58	170	656	Once Daily			
	16:13	7.62	7.59	2,247	2,000	0.42	170	708				
	20:02	7.71	7.80	2,135	1,994	0.34	190	653				
9/14/2011	0:02	7.90	7.81	2,085	1,990	0.66	165	626	Once Daily			
	4:06	7.72	7.81	2,016	1,976	2.15	200	777				
	8:26	7.76	7.67	2,074	1,958	2.38	128	630	71	66[2]	5.2	1.5
	12:09	7.73	7.62	2,191	1,949	2.19	148	599	Once Daily			
	16:11	7.72	7.67	2,237	1,930	2.30	184	618				
	20:25	7.76	7.67	2,083	1,888	0.93	185	566				
9/15/2011	0:15	7.75	7.69	2,038	1,874	0.52	145	573	Once Daily			
	4:03	7.78	7.65	1,957	1,831	1.10	150	539				
	8:28	7.72	7.65	1,909	1,798	2.50	156	530	59	Pending	1.3	1.3
	12:22	7.71	NC[3]	1,902	NC[3]	2.38	156	525	Once Daily			
	16:25	7.75	7.67	1,870	1,810	1.67	124	525				
	20:36	7.64	7.65	1,870	1,820	2.56	175	508				
9/16/2011	0:36	7.62	7.76	1,836	1,836	3.35	145	492	Once Daily			
	4:11	7.62	7.79	1,806	1,839	2.27	110	497				
	8:43	7.73	7.61	1,748	1,835	4.28	120	476	50	Pending	1.6	1.2
	12:25	7.69	7.67	2,031	1,848	3.36	172	544	Once Daily			
	16:35	7.69	7.77	2,107	1,879	2.60	144	509				
	20:25	7.76	7.78	1,961	1,895	3.54	165	503				
9/17/2011	0:02	7.77	7.79	1,898	1,883	0.56	3.08	542	Once Daily			
	8:40	7.76	7.75	1,897	1,857	0.44	3.76	518	84	Pending	1.6	1.5
	16:53	7.73	7.71	2,120	1,837	0.37	216	660	Once Daily			

1. Indivudual grab samples, daily composite sample value used in DMR
2. Split sample - All test results not available
3. Not Collected due to safety concerns

Effluent Treatment and River Monitoring Data

DRAFT Week 9/11/11 - 9/17/11

River
Dissolved Oxygen, mg/l

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/11/2011	First Run	5.70*	No Access	4.21*[4]	No Access	4.97*[4]	5.76	5.50	5.55	5.52	5.65
	Follow Up Run	5.81*	No Access	4.31*[4]	No Access	5.00*	No Samples Taken				
	Second Run	5.85*	No Access	4.47*[4]	No Access	5.00*	6.18	5.79	5.80	5.77	5.66
9/12/2011	First Run	5.91*	No Access	3.48*[4]	No Access	5.15*	5.66	5.60	5.67	5.62	5.97
	Second Run	6.26*	No Access	3.08*[4]	No Access	5.43*	5.97	5.81	5.90	5.85	6.13
9/13/2011	First Run	57	60	58	58	56	53	52	52	52	50
	Second Run	58	56	59	57	57	53	54	54	53	51
9/14/2011	First Run	8.32	8.28	7.98	7.96	7.69	5.53	5.59	5.58	5.59	6.01
	Second Run	8.58	8.53	8.17	8.00	7.97	5.89	5.84	5.82	5.74	6.26
9/15/2011	First Run	6.15	5.74	5.83	5.62	5.68	5.55	5.50	5.51	5.53	5.90
	Second Run	6.00	5.77	5.90	5.80	5.68	5.51	5.45	5.50	5.42	6.06
9/16/2011	First Run	5.60	5.56	5.41	5.35	5.30	5.46	5.62	5.55	5.52	5.52
	Second Run	5.90	5.86	5.67	5.54	5.44	5.87	5.87	5.83	5.88	5.93
9/17/2011	First Run	5.91	5.6	5.23	5.06	4.8[4]	5.17	5.25	5.24	5.26	5.75
	Follow Up Run	DC	DC	DC	DC	5.1*	5.46	5.40	5.41	5.38	DC

* Readings taken from banks due to river conditions

4. River DO low due to flood conditions & entrained sediment

DC - Discontinued in accordance with the Order

Effluent Treatment and River Monitoring Data

DRAFT Week 9/11/11 - 9/17/11

River
Conductivity, uS/cm

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/11/2011	First Run	47*	No Access	44*	No Access	47*	47	48	48	48	45
	Follow Up Run	49*	No Access	43*	No Access	47*	No Samples Taken				
	Second Run	47*	No Access	45*	No Access	48*	50	49	50	50	48
9/12/2011	First Run	5.91*	No Access	3.48*	No Access	5.15*	5.66	5.60	5.67	5.62	5.97
	Second Run	6.26*	No Access	3.08*	No Access	5.43*	5.97	5.81	5.90	5.85	6.13
9/13/2011	First Run	57	60	58	58	56	53	52	52	52	50
	Second Run	58	56	59	57	57	53	54	54	53	51
9/14/2011	First Run	59	58	62	60	61	57	57	57	57	54
	Second Run	60	59	61	61	61	58	59	58	58	56
9/15/2011	First Run	60	59	60	62	60	59	61	58	61	55
	Second Run	59	57	61	61	58	61	62	60	62	56
9/16/2011	First Run	56	55	57	59	58	61	62	61	62	61
	Second Run	55	56	57	58	59	62	62	61	61	62
9/17/2011	First Run	57	57	60	59	59	61	61	61	61	61
	Follow Up Run	DC	DC	DC	DC	DC	61	61	61	61	DC

* Readings taken from banks due to river conditions

DC - Discontinued in accordance with the Order

Effluent Treatment and River Monitoring Data

DRAFT Week 9/11/11 - 9/17/11

River
pH, SU

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/11/2011	First Run	6.46*	No Access	6.11*	No Access	6.33*	6.07	6.14	6.25	6.21	6.28
	Follow Up Run	6.49*	No Access	6.10*	No Access	6.37*	No Samples Taken				
	Second Run	6.62*	No Access	6.25*	No Access	6.33*	6.16	6.21	6.00	6.14	6.26
9/12/2011	First Run	6.27*	No Access	6.23*	No Access	6.46*	6.31	6.30	6.44	6.44	6.32
	Second Run	6.66*	No Access	6.25*	No Access	6.47*	6.20	6.26	6.19	6.19	6.61
9/13/2011	First Run	6.49	6.47	6.55	6.57	6.48	6.38	6.38	6.39	6.38	6.32
	Second Run	6.52	6.48	6.66	6.63	6.51	6.40	6.41	6.35	6.38	6.25
9/14/2011	First Run	6.48	6.69	6.63	6.63	6.61	6.44	6.43	6.43	6.44	6.50
	Second Run	6.74	6.67	6.70	6.66	6.66	6.45	6.46	6.37	6.48	6.51
9/15/2011	First Run	6.47	6.54	6.60	6.64	6.57	6.46	6.48	6.51	6.52	6.49
	Second Run	6.75	6.63	6.60	6.62	6.55	6.54	6.54	6.50	6.51	6.47
9/16/2011	First Run	6.52	6.62	6.61	6.66	6.61	6.54	6.55	6.46	6.53	6.64
	Second Run	6.77	6.54	6.62	6.72	6.63	6.52	6.54	6.44	6.53	6.37
9/17/2011	First Run	6.84	6.39	6.28	6.36	6.12	6.66	6.66	6.81	6.72	6.53
	Follow Up Run	DC	DC	DC	DC	DC	6.52	6.66	6.68	6.32	DC

* Readings taken from banks due to river conditions

DC - Discontinued in accordance with the Order

Effluent Treatment and River Monitoring Data

DRAFT Week 9/11/11 - 9/17/11

Mid ASB

Date	Time	pH (SU)	Conductivity (uS/cm)	DO mg/l	COD (mg/l)	NH_3 - N (mg/l)	o-PO_4 (mg/l)	DOUR (mg/l/hr)	Maturity Index
9/11/2011	0:08	7.66	1,811	0.63	959	Once Daily			
	4:15	7.73	1,801	1.71	1,155				
	8:35	7.80	1,919	2.07	1,183	0.04	0.42	7.1	1.3
	12:22	7.74	2,079	1.32	1,093	Once Daily			
	16:10	7.69	2,104	0.98	1,000				
	20:14	7.75	2,030	1.39	1,075				
9/12/2011	0:13	7.73	2,034	2.24	1,053	Once Daily			
	4:06	7.71	2,019	1.88	1,236				
	8:54	7.85	2,152	2.17	1,114	0.02	0.5	3.8	1.2
	12:18	7.80	2,279	1.98	1,064	Once Daily			
	16:09	7.76	2,327	1.58	1,069				
	20:19	7.73	2,153	1.80	1,006				
9/13/2011	0:12	7.79	2,089	1.79	955	Once Daily			
	4:05	7.76	2,056	2.03	982				
	8:31	7.85	2,116	2.70	1,044	0.02	0.44	4.3	1.3
	12:14	7.83	2,224	2.32	1,139	Once Daily			
	16:05	7.79	2,247	2.36	1,151				
	20:27	7.76	2,158	1.30	1,083				
9/14/2011	0:08	7.83	2,099	1.54	1,044	Once Daily			
	4:09	7.75	2,036	1.40	1,147				
	8:41	7.84	2,071	1.71	1,090	0.05	0.22	4.4	1.7
	12:21	7.87	2,138	1.82	1,103	Once Daily			
	16:25	7.83	2,112	2.11	991				
	20:31	7.79	1,982	1.98	894				
9/15/2011	0:22	7.85	1,933	1.46	888	Once Daily			
	4:11	7.78	1,929	0.84	934				
	8:45	7.70	1,928	0.68	1,061	0.22	0.24	5.2	1.2
	12:35	7.72	1,933	0.54	1,026	Once Daily			
	16:36	7.70	1,921	0.32	907				
	20:53	7.86	1,785	1.01	1,142				
9/16/2011	0:55	7.84	1,892	1.16	1,167	Once Daily			
	4:27	7.87	1,888	1.30	1,052				
	9:22	7.74	1,963	1.36	1,043	5.69	0.18	8.4	1.3
	11:49	7.76	2,056	1.13	1,025	Once Daily			
	16:55	7.70	2,115	0.43	1,041				
	20:40	7.78	2,002	1.07	1,021				
9/17/2011	0:20	7.81	1,947	1.31	1,191	Once Daily			
	8:45	7.86	1,986	1.75	1,052	0.47	0.18	5.8	1.4
	15:09	7.81	1,230	1.53	1,230	Once Daily			

EBS Effluent Discharge, River DO, and ASB Health Data Summary
Week 9/4/11 - 9/10/11

Effluent Samples - ASB7 (Outfall-001)

Date	Sample	pH (SU)	Mill insitu pH (SU)	Conductivity (uS/cm)	Mill Conductivity (uS/cm)	DO (mg/l)	TSS[1] (mg/l)	COD (mg/l)	BOD_1 (mg/l)	BOD_5 (mg/l)	DOUR (mg/l/hr)	Maturity Index
9/4/2011	0:25	8.12	8.20	1,579	1,456	2.85		440	Once Daily			
	4:06	8.03	8.05	1,555	1,413	1.04	150	423				
	8:03	7.83	7.92	1,330	1,348	0.13	120	365	38	42	0.4	1.14
	12:17	7.79	7.80	1,355	1,354	5.35	92	307	Once Daily			
	16:17	7.74	7.70	1,415	1,392	4.46	210	299				
	22:22	7.55	7.72	1,348	1,400	1.50	255	437				
9/5/2011	0:42	7.69	7.72	1,372	1,411	2.90	190	404	Once Daily			
	4:10	7.77	7.71	1,369	1,398	3.20	215	539				
	8:30	7.72	7.62	1,370	1,406	4.49	125	515	63	59	3.9	1.3
	12:21	7.73	7.65	1,426	1,413	4.21	150	586	Once Daily			
	16:20	7.75	7.50	1,539	1,539	4.04	200	581				
	20:19	7.68	7.45	1,440	1,562	2.47	581	581				
9/6/2011	0:11	7.66	7.44	1,435	1,592	2.55	190	571	Once Daily			
	4:22	7.76	7.36	1,409	1,696	3.20	200	579				
	8:25	7.67	7.50	1,429	1,592	4.14	145	584	76	68[2]	4.3	1.2
	12:15	7.69	7.50	1,562	1,606	4.09	160	571	Once Daily			
	16:05	7.68	7.47	1,651	1,633	3.93	130	538				
	20:04	7.56	7.41	1,545	1,638	0.73	185	531				
9/7/2011	0:11	7.63	7.32	1,534	1,683	2.16	150	529	Once Daily			
	4:07	7.61	7.21	1,505	1,699	1.94	145	520				
	8:09	7.67	7.80	1,582	1,673	4.37	285	900	81	70	4.9	1.2
	12:16	7.71	7.83	1,881	1,798	3.56	135	576	Once Daily			
	16:11	7.70	7.78	1,978	1,853	3.23	150	642				
	22:43	7.60	7.57	1,832	1,885	0.40	195	612				
9/8/2011	1:16	7.64	7.64	1,792	1,883	1.01	190	662	Once Daily			
	5:12	7.68	7.61	1,778	1,885	2.24	190	579				
	10:15	7.74	7.88	1,906	1,986	3.81	105	206	90	74	4.8	1.3
	12:14	7.70	7.90	1,969	2,004	3.77	105	614	Once Daily			
	16:17	7.74	7.94	2,243	2,055	3.17	115	632				
	20:49	7.61	7.81	1,984	2,017	0.42	155	596				
9/9/2011	0:46	7.63	7.67	1,910	2,001	0.42	190	661	Once Daily			
	3:57	7.63	7.70	1,867	1,991	0.36	160	682				
	8:26	7.66	7.84	1,860	1,979	3.67	90	585	62	50	5.3	1.2
	12:22	7.69	7.81	2,005	2,150	2.79	145	598	Once Daily			
	16:16	7.67	7.81	2,093	1,914	2.24	115	646				
	20:14	7.59	7.68	1,876	1,871	0.40	210	645				
9/10/2011	0:02	7.68	7.59	1,807	1,850	1.50	175	603	Once Daily			
	4:02	7.66	7.59	1,746	1,837	1.50	165	591				
	8:13	7.67	7.83	1,720	1,801	4.00	120	587	55	40	1.8	1.2
	12:05	7.65	7.84	1,758	1,768	3.79	120	595	Once Daily			
	16:13	7.66	7.85	1,889	1,775	3.04	115	573				
	20:21	7.61	7.86	1,820	1,785	1.84	145	569				

1. Indivudual grab samples, daily composite sample value used in DMR

EBS Effluent Discharge, River DO, and ASB Health Data Summary
Week 9/4/11 - 9/10/11

River
Dissolved Oxygen, mg/l

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/4/2011	First Run	8.32*	No Access	8.02*	No Access	7.77*	No Access	No Access	No Access	No Access	6.40
	Second Run	8.53*	No Access	7.95*	No Access	7.78*	No Access	No Access	5.66*	No Access	6.60
	Third Run	6.89*	No Access	6.70*	No Access	6.32*	No Access	No Access	5.98*	No Access	6.90
	Fourth Run	7.29*	No Access	6.77*	No Access	6.35*	No Access	No Access	5.99*	No Access	8.88
9/5/2011	First Run	6.64*	No Access	6.57*	No Access	6.59*	6.43	6.40	5.82	6.16	6.92
	Second Run	6.84*	No Access	6.54*	No Access	6.49*	No Access	No Access	5.81*	No Access	7.07
	Third Run	6.51*	No Access	6.26*	No Access	6.43*	6.67	6.62	6.36	6.62	6.96
	Fourth Run	6.49*	No Access	6.60*	No Access	6.45*	6.53	6.52	6.39	6.63	7.27
9/6/2011	First Run	5.54*	No Access	6.07*	No Access	6.38*	No Access - Equipment Issues				6.10
	Second Run	5.99*	No Access	6.20*	No Access	6.39*	6.05	5.97	5.86	5.96	6.05
	Third Run	6.28*	No Access	6.31*	No Access	6.39*	6.15	6.10	6.05	6.07	6.31
	Fourth Run	5.98*	No Access	6.04*	No Access	6.30*	6.27	6.20	6.23	6.25	6.19
9/7/2011	First Run	5.65*	No Access	5.72*	No Access	6.30*	6.10	5.80	5.78	5.82	5.30
	Second Run	5.98*	No Access	5.64*	No Access	6.03*	5.98	5.80	5.81	5.79	5.50
	Third Run	6.49*	No Access	5.65*	No Access	6.01*	5.84	5.83	5.99	5.92	5.53
	Fourth Run	6.24*	No Access	5.59*	No Access	6.09*	5.85	5.77	5.83	5.74	5.45
9/8/2011	First Run	7.06*	No Access	6.11*	No Access	7.09*	5.60	5.56	5.60	5.54	5.55
	Second Run	7.21*	No Access	6.35*	No Access	7.03*	5.89	5.63	5.56	5.63	5.55
	Third Run	7.25*	No Access	6.22*	No Access	7.14*	5.73	5.73	5.66	5.70	5.56
	Fourth Run	6.24*	No Access	5.59*	No Access	6.09*	5.90	5.68	5.72	5.63	5.51
9/9/2011	First Run	5.34*	No Access	4.50*[3]	No Access	5.12*	5.98	5.92	5.52	5.57	5.41
	Second Run	5.46*	No Access	4.74*[3]	No Access	5.13*	5.98	5.72	5.72	5.58	5.39
	Third Run	4.32[3]	4.44[3]	4.28[3]	4.51[3]	4.55[3]	6.09	5.86	5.96	5.51	5.44
	Fourth Run	4.23[3]	4.04[3]	4.08[3]	3.9[3]	3.69[3]	5.81	5.70	5.95	5.75	5.50
9/10/2011	First Run	5.56	5.64	5.42	5.57	5.42	5.72	5.69	5.70	5.69	5.60
	Second Run	5.31	5.27	5.10	5.18	5.56	6.31	5.87	5.97	5.94	5.72

* Readings taken from banks due to river conditions

3. River DO low due to flood conditions & entrained sediment

EBS Effluent Discharge, River DO, and ASB Health Data Summary
Week 9/4/11 - 9/10/11

River
Conductivity, uS/cm

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/4/2011	First Run	102*	No Access	138*	No Access	142*	No Access	No Access	No Access	No Access	113
	Second Run	102*	No Access	133*	No Access	140*	No Access	No Access	140*	No Access	112
	Third Run	96*	No Access	125*	No Access	140*	No Access	No Access	141*	No Access	112
	Fourth Run	94*	No Access	117*	No Access	134*	No Access	No Access	141*	No Access	115
9/5/2011	First Run	74*	No Access	96*	No Access	100*	136	135	136	136	118
	Second Run	74*	No Access	91*	No Access	96*	No Access	No Access	116*	No Access	116
	Third Run	79*	No Access	91*	No Access	91*	93	94	104	96	117
	Fourth Run	77*	No Access	90*	No Access	90*	90	90	96	94	114
9/6/2011	First Run	63*	No Access	70*	No Access	73*	No Access - Equipment Issues				100
	Second Run	60*	No Access	66*	No Access	70*	88	88	89	88	90
	Third Run	61*	No Access	65*	No Access	64*	84	84	88	86	79
	Fourth Run	60*	No Access	66*	No Access	66*	77	77	84	81	70
9/7/2011	First Run	70*	No Access	69*	No Access	67*	58	57	59	60	62
	Second Run	46*	No Access	55*	No Access	71*	58	59	59	58	58
	Third Run	35*	No Access	44*	No Access	51*	60	60	60	59	56
	Fourth Run	30*	No Access	42*	No Access	41*	63	63	61	62	56
9/8/2011	First Run	28*	No Access	39*	No Access	33*	43	43	47	45	56
	Second Run	29*	No Access	36*	No Access	35*	41	40	43	41	53
	Third Run	30*	No Access	37*	No Access	34*	39	39	41	41	50
	Fourth Run	30*	No Access	42*	No Access	41*	39	38	39	39	45
9/9/2011	First Run	33*	No Access	43*	No Access	41*	41	44	47	46	40
	Second Run	34*	No Access	43*	No Access	41*	57	60	62	62	40
	Third Run	31	227	46	31	32	58	56	58	62	40
	Fourth Run	31	226	33	47	39	42	59	56	51	40
9/10/2011	First Run	No Sample - Equipment Malfunction					60	62	63	61	40
	Second Run	36	47	45	46	43	62	62	62	51	40

* Readings taken from banks due to river conditions

EBS Effluent Discharge, River DO, and ASB Health Data Summary
Week 9/4/11 - 9/10/11

River
pH, SU

Date	Run	Upstream	Outfall	Richardson	Walnut Bluff	Pool's Bluff	Max Model Sag	River Split	Waikiah	Wilson Slough	I-59 Crossing
9/4/2011	First Run	7.14*	No Access	7.20*	No Access	7.40*	No Access	No Access	No Access	No Access	7.29
	Second Run	7.59*	No Access	7.48*	No Access	7.52*	No Access	No Access	7.34	No Access	7.49
	Third Run	7.66*	No Access	7.50*	No Access	7.47*	No Access	No Access	7.39*	No Access	7.61
	Fourth Run	7.63*	No Access	7.50*	No Access	7.45*	No Access	No Access	7.40*	No Access	7.65
9/5/2011	First Run	6.92*	No Access	7.05*	No Access	7.13*	7.29	7.30	7.22	7.31	7.22
	Second Run	7.30*	No Access	7.18*	No Access	7.14*	No Access	No Access	7.24*	No Access	7.59
	Third Run	7.37*	No Access	7.12*	No Access	7.12*	7.19	7.19	7.17	7.21	7.53
	Fourth Run	7.23*	No Access	7.03*	No Access	7.07*	7.11	7.11	7.15	7.17	7.60
9/6/2011	First Run	6.59*	No Access	6.79*	No Access	6.83*	No Access - Equipment Issues				7.07
	Second Run	6.83*	No Access	6.85*	No Access	6.85*	6.60	6.72	7.04	7.02	7.48
	Third Run	7.18*	No Access	6.78*	No Access	6.77*	7.44	7.78	7.36	7.83	7.21
	Fourth Run	7.11*	No Access	6.86*	No Access	6.88*	6.28	6.4	6.55	6.43	6.70
9/7/2011	First Run	6.90*	No Access	6.80*	No Access	6.77*	6.38	6.58	6.58	6.79	6.60
	Second Run	6.68*	No Access	6.50*	No Access	6.70*	6.68	6.77	7.34	6.98	6.78
	Third Run	6.82*	No Access	6.45*	No Access	6.55*	7.20	7.26	7.85	7.45	6.54
	Fourth Run	6.83*	No Access	6.48*	No Access	6.45*	6.38	6.55	6.64	6.64	6.42
9/8/2011	First Run	6.17*	No Access	6.14*	No Access	6.18*	6.15	6.18	6.30	6.32	6.52
	Second Run	6.45*	No Access	6.20*	No Access	6.17*	6.19	6.19	6.18	6.30	6.45
	Third Run	6.81*	No Access	6.30*	No Access	6.30*	6.10	6.25	4.86	6.38	6.51
	Fourth Run	6.83*	No Access	6.48*	No Access	6.45*	5.87	5.96	6.12	6.07	6.30
9/9/2011	First Run	6.84*	No Access	6.19*	No Access	6.27*	5.93	6.00	6.64	6.05	6.25
	Second Run	6.48*	No Access	6.33*	No Access	6.29*	6.00	6.03	6.23	6.11	6.37
	Third Run	4.96[4]	4.01[4]	4.85[4]	4.42[4]	4.66[4]	5.95	6.00	6.17	6.18	6.36
	Fourth Run	5.10[4]	4.36[4]	4.07[4]	4.69[4]	3.64[4]	5.77	5.82	5.83	5.86	6.27
9/10/2011	First Run	No Sample - Equipment Malfunction					6.27	6.38	6.99	6.63	6.20
	Second Run	5.61	5.49	5.89	5.82	5.78	6.13	6.27	6.50	6.38	6.20

* Readings taken from banks due to river conditions

4. Bad pH probe - probe replaced

EBS Effluent Discharge, River DO, and ASB Health Data Summary
Week 9/4/11 - 9/10/11

Mid ASB

Date	Time	pH (SU)	Conductivity (uS/cm)	DO mg/l	COD (mg/l)	NH_3 - N (mg/l)	o-PO_4 (mg/l)	DOUR (mg/l/hr)	Maturity Index
9/4/2011	0:31	7.73	1,361	1.11	609	Once Daily			
	4:13	7.67	1,434	1.61	570				
	8:10	7.64	1,475	2.36	672	0.5	1.56	1.4	1.38
	12:22	7.67	1,583	1.69	621	Once Daily			
	16:45	7.63	1,639	1.78	696				
	22:33	7.57	1,541	1.24	704				
9/5/2011	0:47	7.64	1,611	2.00	715	Once Daily			
	4:18	7.61	1,650	1.25	753				
	8:42	7.62	1,557	2.57	835	0.02	0.34	3.4	1.2
	12:29	7.77	1,603	2.77	840	Once Daily			
	16:32	7.83	1,586	2.87	833				
	20:28	7.81	1,496	2.85	769				
9/6/2011	0:19	8.10	1,496	2.73	773	Once Daily			
	4:31	7.72	1,483	2 07	818				
	8:34	7.67	1,563	1.50	833	0.62	0.36	5.6	1.1
	12:26	7.64	1,714	0.76	810	Once Daily			
	15:57	7.71	1,822	0.91	836				
	20:14	7.61	1,780	0.21	935				
9/7/2011	0:18	7.64	1,779	0.40	945	Once Daily			
	4:16	7.64	1,797	2.38	967				
	8:23	7.71	1,937	1.57	1,036	0.07	0.44	6.2	1.2
	12:27	7.67	2,108	0.94	1,052	Once Daily			
	16:21	7.65	2,180	0.60	1,080				
	22:23	7.71	1,986	0.82	1,102				
9/8/2011	1:26	7.93	1,982	0.96	1,212	Once Daily			
	4:57	7.65	1,889	1.08	1,159				
	8:24	7.71	2,013	0.73	630	0.87	0.4	7.3	1.2
	12:31	7.64	2,139	0.45	1,040	Once Daily			
	16:27	7.66	2,141	0.54	1,112				
	20:58	7.74	1,905	1.13	1,222				
9/9/2011	0:56	7.63	1,805	0.29	1,101	Once Daily			
	4:05	7.62	1,752	0.26	996				
	8:35	7.68	1,772	0.51	1,002	0.19	0.28	7.4	1.4
	12:33	7.62	1,913	0.41	1,061	Once Daily			
	16:29	7.66	1,954	0.70	1,198				
	20:21	7.60	1,788	0.30	1,171				
9/10/2011	0:10	7.65	1,768	0.43	1,064	Once Daily			
	4:10	7.68	1,712	1.11	1,152				
	8:26	7.64	1,765	0.82	1,096	0.06	0.14	8.6	1.4
	12:16	7.58	1,913	0.50	1,013	Once Daily			
	16:24	7.62	1,948	0.50	1,053				
	20:30	7.74	1,835	1.04	918				