

DELMARVA DRILLING CO., INC.

PUMPING TEST REPORT

CUSTOMER Paramount Poultry JOB NO. 5091
 LOCATION OF WELL _____ WELL NO. 2
 WELL DIA. 16" DEPTH 86' SCREEN DIA. 10" LENGTH 27'
 STATIC WATER LEVEL: 20 MIN. BEFORE START 15' 10" 10 MIN. BEFORE START 15' 9"
 WATER LEVEL DATUM M Scope CAPACITY MEASURED BY flow meter
 DATE TEST STARTED 9/8/79 DURATION OF TEST _____

RECOVERY TEST

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARKS
START						
1 MIN.	2:56			17' 8"		
2 MIN.	2:57			16' 6"		
3 MIN.	2:58			16' 3"		
4 MIN.	2:59			16' 2"		
5 MIN.	3:00			16' 1 1/2"		
6 MIN.	3:01			16' 1/2"		
7 MIN.	3:02			16'		
8 MIN.	3:03			15' 11 1/2"		
9 MIN.	3:04			15' 11"		
10 MIN.	3:05			15' 11"		
12 MIN.	3:06			15' 10 1/2"		
14 MIN.	3:07			15' 10 1/2"		
16 MIN.	3:08					
18 MIN.	3:09					
20 MIN.	3:10					
22 MIN.						
24 MIN.						
26 MIN.						

REVD:
 WAB
 5-24-2019

DELMARVA DRILLING CO., INC.
PUMPING TEST

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARKS
28 MIN.	2:48	350	0	21' 11½"	6' 1½"	
30 MIN.	2:50	↓		21' 11½"	6' 1½"	
35 MIN.	2:55	↓		21' 11½"	6' 1½"	
40 MIN.						
45 MIN.						
50 MIN.						
55 MIN.						
60 MIN.						
70 MIN.						
80 MIN.						
90 MIN.						
100 MIN.						
110 MIN.						
120 MIN.						
140 MIN.						
160 MIN.						
180 MIN.						
200 MIN.						
220 MIN.						
240 MIN.						
270 MIN.						
300 MIN.						
330 MIN.						
360 MIN.						
390 MIN.						
420 MIN.						

DELMARVA DRILLING CO., INC.

PUMPING TEST REPORT

CUSTOMER Paramount Poultry JOB NO. 5091
 LOCATION OF WELL _____ WELL NO. 2
 WELL DIA. 16" DEPTH 86' SCREEN DIA. 10" LENGTH 27'
 STATIC WATER LEVEL: 20 MIN. BEFORE START 15' 10" 10 MIN. BEFORE START 15' 9"
 WATER LEVEL DATUM M Scope CAPACITY MEASURED BY flow meter
 DATE TEST STARTED 9/8/79 DURATION OF TEST _____

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARKS
START		350	0			
1 MIN.	2:21			21' 3"		
2 MIN.	2:22			21' 5"		
3 MIN.	2:23			21' 6"		
4 MIN.	2:24			21' 7"		
5 MIN.	2:25			21' 7½"	5' 9½"	
6 MIN.	2:26			21' 7 3/4'	5' 9 3/4'	
7 MIN.	2:27			21' 9"	5' 11"	
8 MIN.	2:28			21' 8½"	5' 10½"	
9 MIN.	2:29			21' 8½"	5' 10½"	
10 MIN.	2:30			21' 8½"	5' 10½"	
12 MIN.	2:32			21' 9"	5' 11"	
14 MIN.	2:34			21' 9 3/4'	5' 11 3/4"	
16 MIN.	2:36			21' 10¼"	6' 1/4"	
18 MIN.	2:38			21' 10 3/4"	6' 3/4"	
20 MIN.	2:40			21' 11¼"	6' 1¼"	
22 MIN.	2:42			21' 11¼"	6' 1¼"	
24 MIN.	2:44			21' 11½"	6' 1½"	
26 MIN.	2:46	↓		21' 11½"	6' 1½"	

WELL #3

DELMARVA DRILLING CO., INC.

PUMPING TEST REPORT

CUSTOMER Paramount Poultry JOB NO. 5091
 LOCATION OF WELL #3 WELL NO. 3
 WELL DIA. 16" x 10" DEPTH 111' SCREEN DIA. 10' LENGTH 40'
 STATIC WATER LEVEL: 20 MIN. BEFORE START 15' 10 MIN. BEFORE START 15'
 WATER LEVEL DATUM gauge air line CAPACITY MEASURED BY 4" flow meter
 DATE TEST STARTED 9-15-79 DURATION OF TEST 9-15-79

RECOVERY

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARKS
START	3:01			16'		
1 MIN.	3:02			↓		
2 MIN.	3:03					
3 MIN.	3:04					
4 MIN.	3:05				15'	
5 MIN.	3:06					
6 MIN.	3:07					
7 MIN.	3:08					
8 MIN.	3:09					
9 MIN.	3:10					
10 MIN.						
12 MIN.						
14 MIN.						
16 MIN.						
18 MIN.						
20 MIN.						
22 MIN.						
24 MIN.						
26 MIN.						

DELMARVA DRILLING CO., INC.

PUMPING TEST REPORT

CUSTOMER PARAMOUNT POULTRY JOB NO. 5091
 LOCATION OF WELL #3 WELL NO. 3
 WELL DIA. 16" x 10" DEPTH 111' SCREEN DIA. 10' LENGTH 40'
 STATIC WATER LEVEL: 20 MIN. BEFORE START 15' 10 MIN. BEFORE START 15'
 WATER LEVEL DATUM gauge air line CAPACITY MEASURED BY 4" flow meter
 DATE TEST STARTED 9-15-79 DURATION OF TEST 9-15-79

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARK
START	2:00		0			
1 MIN.	2:01	490		20'	5'	
2 MIN.	2:02					
3 MIN.	2:03					
4 MIN.	2:04					
5 MIN.	2:05					
6 MIN.	2:06			22'	7'	
7 MIN.	2:07					
8 MIN.	2:08					
9 MIN.	2:09					
10 MIN.	2:10					
12 MIN.	2:12					
14 MIN.	2:14					
16 MIN.	2:16					
18 MIN.	2:18					
20 MIN.	2:20					
22 MIN.	2:22					
24 MIN.	2:24					
26 MIN.	2:26	↓		↓	↓	

Paramount Realty Holdings, Inc.

26-76
18239

Time PSIG GPM FE. H₂O DO GMP' GMP' Adj. DI H₂O ETI

8.00 AM	90	295	29	20	4	61.25	6	50	40	2995.2
8.15	80	275		19	5	55.00				
8.30	70	300		19	5	60.00				
8.45	60	330		19	5	66.00				
9.00	50	350		19		70.00				
9.30	40	370		18		61.67				
10.00	40	370		18		61.67	62.28			
10.30	40	370		18		61.67				
11.00 AM	40	370		18		61.67				
11.30	40	370		18		61.67				
12.00 N	40	370		18		61.67				
12.30 PM	40	370		18		61.67				
1.00 PM	40	370		18		61.67				
1.30	30	390		18		65.00				
2.00	20	415		17		59.29				
2.30	20	415		17		59.29				
3.00	20	415		17		59.29				2952.3

DELMARVA DRILLING CO., INC.

PUMPING TEST REPORT

CUSTOMER Paramount Poultry JOB NO. 5071
 LOCATION OF WELL #5 WELL NO. #5
 WELL DIA. 16" x 10" DEPTH 90' SCREEN DIA. 10" LENGTH 30'
 STATIC WATER LEVEL: 20 MIN. BEFORE START 5' 10 MIN. BEFORE START 15'
 WATER LEVEL DATUM gauge CAPACITY MEASURED BY 4" flow meter
 DATE TEST STARTED 9-15-79 DURATION OF TEST 9-15-79

RECOVERY

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARKS
START	11:01			23'		
1 MIN.	11:02			17'		
2 MIN.	11:03			16'		
3 MIN.	11:04			16'		
4 MIN.	11:05			16'		
5 MIN.	11:06					
6 MIN.	11:07					
7 MIN.	11:08					
8 MIN.	11:09					
9 MIN.	11:10					
10 MIN.	11:12					
12 MIN.	11:14			15'		
14 MIN.	11:16					
16 MIN.						
18 MIN.						
20 MIN.						
22 MIN.						
24 MIN.						
26 MIN.						

DELMARVA DRILLING CO., INC.
PUMPING TEST

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARKS
28 MIN.	10:28	605	0	24'	9'	
30 MIN.	10:30			24'	9'	
35 MIN.	10:35			25'	10'	
40 MIN.	10:40			25'	10'	
45 MIN.	10:45			25'	10'	
50 MIN.	10:55			25'	10'	
55 MIN.	10:55			25'	10'	
60 MIN.	11:00	↓	↓	25'	10'	
70 MIN.						
80 MIN.						
90 MIN.						
100 MIN.						
110 MIN.						
120 MIN.						
140 MIN.						
160 MIN.						
180 MIN.						
200 MIN.						
220 MIN.						
240 MIN.						
270 MIN.						
300 MIN.						
330 MIN.						
360 MIN.						
390 MIN.						
420 MIN.						

DELMARVA DRILLING CO., INC.

PUMPING TEST REPORT

TOWER PARAMOUNT POULTRY JOB NO. EK5091
 LOCATION OF WELL #5 WELL NO. #5
 WELL DIA. 16" x 10" DEPTH 90' SCREEN DIA. 10" LENGTH 30'
 STATIC WATER LEVEL: 20 MIN. BEFORE START 15' 10 MIN. BEFORE START 15'
 WATER LEVEL DATUM gauge CAPACITY MEASURED BY 4" flow meter
 DATE TEST STARTED 9/15/79 DURATION OF TEST 9/15/79

RECORDING TIME	CLOCK TIME	CAPACITY GPM	DISCHARGE PRESSURE	PUMPING LEVEL	DRAW DOWN	REMARK
START	10:00	605	0			
1 MIN.	10:01			21'	6'	
2 MIN.	10:02		0	23'	8'	
3 MIN.	10:03			23'	8'	
4 MIN.	10:04			23'	8'	
5 MIN.	10:05			23'	8'	
6 MIN.	10:06			24'	9'	
7 MIN.	10:07		0	24'	9'	
8 MIN.	10:08			24'	9'	
9 MIN.	10:09			24'	9'	
10 MIN.	10:10			24'	9'	
12 MIN.	10:12			24'	9'	
14 MIN.	10:14			24'	9'	
16 MIN.	10:16			24'	9'	
18 MIN.	10:18			24'	9'	
20 MIN.	10:20			24'	9'	
22 MIN.	10:22			24'	9'	
24 MIN.	10:24		↓	24'	9'	
26 MIN.	10:26	↓	↓	24'	9'	

**A.C. SCHULTES OF DELAWARE, INC.
PUMPING TEST REPORT**

CUSTOMER: ALLEN FAMILY FOODS, INC. - HARBESON

JOB #: 4407

DATE: 10/20/2005

WELL NO: PW#7

WELL DIA: 12"

WELL DEPTH: 104'

PERMIT TAG #: 211079

STATIC: 9.41

DISTANCE PUMPED TO WELL:	0 FEET
STATIC LEVEL AT START:	9.41 FEET
PUMPING RATE:	525 GPM
SPECIFIC CAPACITY:	64.20 GPM/FT DD

TEST TIME (GPM)	CAPACITY (GPM)	PUMPING LEVEL (FEET)	DRAWDOWN (FEET)
0.00	525	9.29	-0.12
0.01	525	9.38	-0.03
0.24	525	9.49	0.08
0.26	525	9.50	0.09
0.27	525	9.50	0.09
0.28	525	10.88	1.47
0.30	525	11.16	1.75
0.31	525	12.00	2.59
0.33	525	12.84	3.43
0.35	525	12.99	3.58
0.37	525	13.03	3.62
0.39	525	13.43	4.02
0.41	525	13.57	4.16
0.43	525	13.59	4.18
0.45	525	13.67	4.26
0.48	525	13.71	4.30
0.50	525	14.02	4.61
0.53	525	14.21	4.80
0.56	525	14.28	4.87
0.59	525	14.35	4.94
0.63	525	14.37	4.96
0.66	525	14.50	5.09
0.70	525	14.58	5.17
0.74	525	14.62	5.21
0.78	525	14.68	5.27
0.82	525	14.73	5.32
0.87	525	14.82	5.41
0.92	525	14.88	5.47
0.97	525	14.91	5.50
1.03	525	14.95	5.54
1.09	525	15.00	5.59
1.15	525	15.03	5.62
1.22	525	15.21	5.80
1.29	525	15.28	5.87

1.36	525	15.34	5.93
1.44	525	15.37	5.96
1.52	525	15.39	5.98
1.61	525	15.40	5.99
1.71	525	15.44	6.03
1.81	525	15.51	6.10
1.91	525	15.55	6.14
2.02	525	15.58	6.17
2.14	525	15.69	6.28
2.27	525	15.72	6.31
2.40	525	15.77	6.36
2.54	525	15.83	6.42
2.69	525	15.84	6.43
2.85	525	15.90	6.49
3.01	525	15.92	6.51
3.19	525	15.93	6.52
3.38	525	15.97	6.56
3.58	525	16.00	6.59
3.79	525	16.07	6.66
4.01	525	16.12	6.71
4.24	525	16.15	6.74
4.49	525	16.20	6.79
4.76	525	16.22	6.81
5.04	525	16.24	6.83
5.34	525	16.27	6.86
5.65	525	16.30	6.89
5.98	525	16.34	6.93
6.34	525	16.33	6.92
6.71	525	16.37	6.96
7.11	525	16.41	7.00
7.53	525	16.43	7.02
7.97	525	16.44	7.03
8.44	525	16.46	7.05
8.94	525	16.47	7.06
9.47	525	16.50	7.09
10.03	525	16.53	7.12
10.62	525	16.56	7.15
11.25	525	16.58	7.17
11.91	525	16.61	7.20
12.62	525	16.64	7.23
13.36	525	16.66	7.25
14.15	525	16.67	7.26
14.99	525	16.69	7.28
15.87	525	16.71	7.30
16.81	525	16.74	7.33
17.81	525	16.78	7.37
18.86	525	16.79	7.38
19.98	525	16.81	7.40
21.16	525	16.82	7.41
22.41	525	16.84	7.43
23.74	525	16.88	7.47
25.14	525	16.90	7.49
26.63	525	16.90	7.49
28.21	525	16.90	7.49

29.88	525	16.91	7.50
31.65	525	16.94	7.53
33.52	525	16.93	7.52
35.51	525	16.96	7.55
37.61	525	16.96	7.55
39.83	525	16.94	7.53
42.19	525	16.97	7.56
44.69	525	16.97	7.56
47.34	525	16.99	7.58
50.14	525	17.00	7.59
53.11	525	17.01	7.60
56.26	525	17.01	7.60
59.59	525	17.03	7.62
63.12	525	17.05	7.64
66.86	525	17.07	7.66
70.82	525	17.12	7.71
75.01	525	17.13	7.72
79.46	525	17.15	7.74
84.16	525	17.16	7.26
89.15	525	17.18	7.28
94.43	525	17.16	7.30
100.02	525	17.19	7.33
105.95	525	17.21	7.37
112.22	525	17.23	7.38
118.87	525	17.21	7.40
125.91	525	17.24	7.41
133.37	525	17.26	7.43
141.28	525	17.28	7.47
149.65	525	17.30	7.49
158.51	525	17.29	7.88
167.90	525	17.31	7.90
177.85	525	17.32	7.91
187.85	525	17.33	7.92
197.85	525	17.35	7.94
207.85	525	17.33	7.92
217.85	525	17.37	7.96
227.85	525	17.37	7.96
237.85	525	17.41	8.00
247.85	525	17.43	8.02
257.85	525	17.44	8.03
267.85	525	17.41	8.00
277.85	525	17.42	8.01
287.85	525	17.43	8.02
297.85	525	17.41	8.00
307.85	525	17.44	8.03
317.85	525	17.45	8.04
327.85	525	17.46	8.05
337.85	525	17.48	8.07
347.85	525	17.50	8.09
357.85	525	17.51	8.10
367.85	525	17.49	8.08
377.85	525	17.52	8.11
387.85	525	17.50	8.09
397.85	525	17.51	8.10

407.85	525	17.52	8.11
417.85	525	17.54	8.13
427.85	525	17.56	8.15
437.85	525	17.58	8.17
447.85	525	17.57	8.16
457.85	525	17.55	8.14
467.85	525	17.59	8.18
477.85	525	17.59	8.18

A.C. SCHULTES OF DELAWARE, INC.
RECOVERY TEST REPORT

PROJECT: ALLEN FAMILY FOODS, INC. - HARBESON

JOB #: 4407

DATE: 10/20/2005

WELL #: PW#7

DIAM: 12"

DEPTH: 104'

DATUM: T.O.C.

STATIC: 9.41

DISTANCE PUMPED TO WELL: 0 FEET
STATIC LEVEL AT START: 9.41 FEET
FINAL PUMP TEST LEVEL: 17.59 GPM

TEST TIME (GPM)	PUMPING LEVEL	RECOVERY (FEET)	RESIDUAL DRAWDOWN (FEET)
0.00	17.81	-0.22	8.40
0.01	17.65	-0.05	8.24
0.02	17.86	-0.27	8.45
0.03	17.74	-0.15	8.33
0.04	17.87	-0.28	8.46
0.06	17.89	-0.30	8.48
0.07	17.78	-0.19	8.37
0.08	17.74	-0.15	8.33
0.09	17.87	-0.28	8.46
0.10	17.92	-0.33	8.51
0.11	17.87	-0.28	8.46
0.12	17.55	0.04	8.14
0.13	17.63	-0.04	8.22
0.14	17.96	-0.37	8.55
0.15	17.75	-0.16	8.34
0.17	17.63	-0.04	8.22
0.18	17.48	0.11	8.07
0.19	18.16	-0.57	8.75
0.20	17.68	-0.09	8.27
0.21	17.65	-0.05	8.24
0.22	18.10	-0.51	8.69
0.23	17.74	-0.15	8.33
0.24	17.74	-0.15	8.33
0.26	17.72	-0.13	8.31
0.27	18.04	-0.45	8.63
0.28	17.68	-0.09	8.27
0.30	17.48	0.11	8.07
0.31	17.84	-0.25	8.43
0.33	17.87	-0.28	8.46
0.35	16.65	0.94	7.24
0.37	16.12	1.47	6.71
0.39	14.79	2.80	5.38

0.41	13.78	3.81	4.37
0.43	13.08	4.51	3.67
0.45	12.66	4.93	3.25
0.48	12.43	5.16	3.02
0.50	12.39	5.21	2.98
0.53	12.10	5.49	2.69
0.56	11.99	5.60	2.58
0.59	11.87	5.72	2.46
0.63	11.81	5.78	2.40
0.66	11.75	5.84	2.34
0.70	11.77	5.82	2.36
0.74	11.65	5.95	2.24
0.78	11.60	5.99	2.19
0.82	11.51	6.08	2.10
0.87	11.49	6.10	2.08
0.92	11.46	6.13	2.05
0.97	11.42	6.17	2.01
1.03	11.40	6.19	1.99
1.09	11.36	6.23	1.95
1.15	11.34	6.25	1.93
1.22	11.28	6.31	1.87
1.29	11.25	6.34	1.84
1.36	11.18	6.41	1.77
1.44	11.15	6.44	1.74
1.52	11.15	6.44	1.74
1.61	11.07	6.52	1.66
1.71	11.06	6.54	1.65
1.81	11.03	6.57	1.62
1.91	10.98	6.61	1.57
2.02	10.95	6.64	1.54
2.14	10.92	6.67	1.51
2.27	10.90	6.69	1.49
2.40	10.75	6.84	1.34
2.54	10.84	6.75	1.43
2.69	10.84	6.75	1.43
2.85	10.81	6.78	1.40
3.01	10.81	6.78	1.40
3.19	10.78	6.81	1.37
3.38	10.78	6.81	1.37
3.58	10.77	6.82	1.36
3.79	10.77	6.82	1.36
4.01	10.77	6.82	1.36
4.24	10.74	6.85	1.33
4.49	10.75	6.84	1.34
4.76	10.72	6.87	1.31
5.04	10.71	6.88	1.30
5.34	10.69	6.90	1.28
5.65	10.68	6.91	1.27
5.98	10.66	6.93	1.25
6.34	10.66	6.93	1.25
6.71	10.65	6.94	1.24
7.11	10.62	6.97	1.21

7.53	10.62	6.97	1.21
7.97	10.60	6.99	1.19
8.44	10.59	7.00	1.18
8.94	10.57	7.02	1.16
9.47	10.57	7.02	1.16
10.03	10.54	7.05	1.13
10.62	10.53	7.06	1.12
11.25	10.53	7.06	1.12
11.91	10.53	7.06	1.12
12.62	10.54	7.05	1.13
13.36	10.54	7.05	1.13
14.15	10.54	7.05	1.13
14.99	10.54	7.05	1.13
15.87	10.53	7.06	1.12
16.81	10.53	7.06	1.12
17.81	10.53	7.06	1.12
18.86	10.51	7.08	1.10
19.98	10.48	7.11	1.07
21.16	10.50	7.09	1.09
22.41	10.48	7.11	1.07
23.74	10.45	7.14	1.04
25.14	10.45	7.14	1.04
26.63	10.41	7.19	0.99
28.21	10.39	7.20	0.98
29.88	10.35	7.25	0.94
31.65	10.30	7.29	0.89
33.52	10.33	7.26	0.92
35.51	10.33	7.26	0.92
37.61	10.33	7.26	0.92
39.83	10.29	7.31	0.88
42.19	10.30	7.29	0.89
44.69	10.21	7.38	0.80
47.34	10.25	7.34	0.84
50.14	10.24	7.35	0.83
53.11	10.15	7.44	0.74
56.26	10.18	7.41	0.77
59.59	10.19	7.40	0.78
63.12	10.13	7.46	0.72
66.86	10.10	7.49	0.69
70.82	10.12	7.47	0.71
75.01	10.12	7.47	0.71
79.46	10.01	7.58	0.60
84.16	10.01	7.58	0.60
89.15	10.07	7.52	0.66

A.C. SCHULTES OF DELAWARE, INC. SUBMERSIBLE / VTP TEST REPORT

CUSTOMER: ALLEN FAMILY FOODS, INC. JOB NO: 4407
 WELL NO: PW#7 WELL LOCATION: HARBESON, DE
 WELL DIA: 12" WELL DEPTH: 104' SCREEN DIAM: 12" LENGTH: 25'
 CURRENT STATIC LEVEL: 11.50' WATER LEVEL DATUM: M-SCOPE
 ORIFICE SIZE: 6 X 5
 PUMP MFG: FLOWSERVE MODEL # /SERIAL #: 12H110-3/Q-P-26513-51
 PUMP DESIGN CAPACITY: 1000 TDH: _____
 PUMP DIAMETER: 12" COLUMN DIA / TYPE: 8"/STR. SETTING DEPTH: 60'
 MOTOR MFG: U.S. MOTOR HP: 50 VOLTAGE: 240 PHASE: 3

TIME	TEST CAPACITY	DISCHARGE PRESSURE	PUMPING LEVEL (FEET)	DRAWDOWN (FEET)	SPECIFIC CAPACITY	VOLTAGE	AMPS
1:30	0	110	11.50'	-	-	240	-
1:45	413	90	13.75'	2.25	183.55	240	102.62
2:00	543	80	15.90'	4.40	123.4	240	105.21
2:15	676	70	19.50'	8.00	84.5	240	108.17
2:30	915	60	22.78'	11.28	81.11	240	112.61

REMARKS:

TEST EQUIP. NEEDED:
 ORIFICE SIZE: 6 X 5
 HOSE SIZE: 6" LENGTH: 50'
 VALVE SIZE: - TYPE: -
 SPOOL SIZE: 8 X 6 LENGTH: 90°

DATE INSPECTED: 2/22/2006 INSPECTED BY: WILLEY



Allen Harim Foods, LLC
Harbeson Processing Plant
18752 Harbeson Road
Harbeson, DE 19951

WATER ALLOCATION PERMIT RENEWAL APPLICATION

ATTACHMENT 4

CHEMICAL AND BACTERIOLOGICAL ANALYSES

"REPORTS"



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 266898 Matrix: Drinking Water Sample Start: 12/18/18 12:54
 Description: Site: DEP - Well #4 Sample End:
 Type: Grab Date Received: 12/18/18 15:30

Parameter	Unit	Value	Date/Time	By	Method
Minerals					
Alkalinity as CaCO3	mg/L	8.0	12/19/18 17:05	HJG	SM2320-B
Calcium Hardness	mg/L	17.5	12/21/18 14:15	MJM	SM2340-B
Miscellaneous/Other					
SHIP		Completed	12/21/18 16:23	SLI	None
Nutrient					
Ortho Phosphorous as P	mg/L	<0.1	12/18/18 19:44	HJG	EPA 300.0
Physical					
pH-field	SU	5.21	12/18/18 12:54	ML	150.1
Specific Conductance	umhos/cm	138.1	12/19/18 19:24	HJG	SM2510-B
Temperature-field	oC	13.0	12/18/18 12:54	ML	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 266899	Matrix: Drinking Water	Sample Start: 12/18/18 12:52
Description:	Site: DEP - Well #5	Sample End:
Type: Grab		Date Received: 12/18/18 15:30

Parameter	Unit	Result	Date/Time	Lab	Well/Range
Minerals					
Alkalinity as CaCO ₃	mg/L	7.0	12/19/18 17:05	HJG	SM2320-B
Calcium Hardness	mg/L	20.0	12/21/18 14:15	MJM	SM2340-B
Miscellaneous/Other					
SHIP		Completed	12/21/18 16:23	SLI	None
Nutrient					
Ortho Phosphorous as P	mg/L	<0.1	12/18/18 19:44	HJG	EPA 300.0
Physical					
pH-field	SU	5.37	12/18/18 12:52	ML	150.1
Specific Conductance	umhos/cm	143.9	12/19/18 19:24	HJG	SM2510-B
Temperature-field	oC	12.9	12/18/18 12:52	ML	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312
 ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 266900 Matrix: Drinking Water Sample Start: 12/18/18 12:47
 Description: Site: DEP - Well #7 Sample End:
 Type: Grab Date Received: 12/18/18 15:30

Parameter	Unit	Result	Time	Lab	Method
Minerals					
Alkalinity as CaCO3	mg/L	15.0	12/19/18 17:05	HJG	SM2320-B
Calcium Hardness	mg/L	22.5	12/21/18 14:15	MJM	SM2340-B
Miscellaneous/Other					
SHIP		Completed	12/21/18 16:23	SLI	None
Nutrient					
Ortho Phosphorous as P	mg/L	<0.1	12/18/18 19:44	HJG	EPA 300.0
Physical					
pH-field	SU	5.37	12/18/18 12:47	ML	150.1
Specific Conductance	umhos/cm	220	12/19/18 19:24	HJG	SM2510-B
Temperature-field	oC	12.9	12/18/18 12:47	ML	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 266901	Matrix: Drinking Water	Sample Start: 12/18/18 13:10
Description:	Site: Distribution - Surge Tank	SampleEnd:
Type: Grab		Date Received: 12/18/18 15:30



Minerals

Alkalinity as CaCO3	mg/L	12.0	12/19/18 17:05	HJG	SM2320-B
Calcium Hardness	mg/L	22.5	12/21/18 14:15	MJM	SM2340-B

Nutrient

Ortho Phosphorous as P	mg/L	<0.1	12/18/18 19:44	HJG	EPA 300.0
------------------------	------	------	----------------	-----	-----------

Physical

pH-field	SU	5.37	12/18/18 13:10	ML	150.1
Specific Conductance	umhos/cm	175.8	12/19/18 19:24	HJG	SM2510-B
Temperature-field	oC	12.9	12/18/18 13:10	ML	SM2550-B

ND = Not Detected * = Above Specified Limit ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 266902 Matrix: Drinking Water Sample Start: 12/18/18 13:03
 Description: Site: Distribution - Water fountain Sample End:
 Type: Grab Date Received: 12/18/18 15:30

Parameter	Unit	Result	Date/Time	Analyst	Method
Minerals					
Alkalinity as CaCO3	mg/L	49.0	12/19/18 17:05	HJG	SM2320-B
Calcium Hardness	mg/L	17.5	12/21/18 14:15	MJM	SM2340-B
Nutrient					
Ortho Phosphorous as P	mg/L	1.02	12/18/18 19:44	HJG	EPA 300.0
Physical					
pH-field	SU	6.48	12/18/18 13:03	ML	150.1
Specific Conductance	umhos/cm	263	12/19/18 19:24	HJG	SM2510-B
Temperature-field	oC	10.3	12/18/18 13:03	ML	SM2550-B
QA/QC					
Ortho Phosphorous as P (% Recovery)	% Rec.	103.1	12/18/18 19:44	HJG	EPA 300.0

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



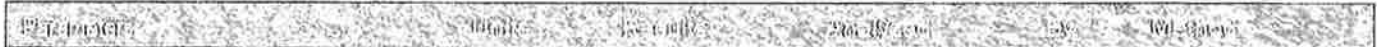
51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 266903 Matrix: Drinking Water Sample Start: 12/18/18 12:59
 Description: Site: Distribution - Cafe Sink Sample End:
 Type: Grab Date Received: 12/18/18 15:30



Minerals

Alkalinity as CaCO3	mg/L	63.0	12/19/18 17:05	HJG	SM2320-B
Calcium Hardness	mg/L	20.0	12/21/18 14:15	MJM	SM2340-B

Nutrient

Ortho Phosphorous as P	mg/L	1.39	12/18/18 19:44	HJG	EPA 300.0
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Physical

pH-field	SU	6.75	12/18/18 12:59	ML	150.1
Specific Conductance	umhos/cm	280	12/19/18 19:24	HJG	SM2510-B
Temperature-field	oC	13.1	12/18/18 12:59	ML	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



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Certificate of Analysis

December 21, 2018

Erin Bichy
Envirocorp Labs, Inc.
51 Clark Street
Harrington, DE 19952

Work Order: 1832379
Project: General - DE

Dear Erin Bichy,

Enclosed is your report of analysis that contains the result(s) of the sample(s) received on 12/19/2018. Please direct any questions or comments regarding the content of this report to our Client Services Manager, Mr. Kevin Green; or the Laboratory Director, Mr. Raymond J. Martrano at (570) 326 - 4001.

Seewald Laboratories, Inc. is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and the analytical result(s) contained in this report meet those regulation requirements, except where noted. For example, all drinking water testing and/or analysis comply with the requirements in 40 CFR part 141. All wastewater testing and/or analysis comply with the requirements in 40 CFR part 136. All Solid and Chemical Material testing and/or analysis complies with the requirements in SW-846. All quantitative solid result(s), unless otherwise indicated, are reported on a dry weight basis obtained by a percent moisture calculation.

Sample(s) that were collected by Seewald Laboratories, Inc. personnel are done in accordance with the latest revision of the laboratory's Field Sampling and Field Analysis Standard Operating Procedures. The result(s) contained within this report are representative of the sample(s) as received. Any and all information provided to us by the client was not performed by Seewald Laboratories, Inc. and is not within our scope of accreditation. Any abnormalities in how the sample(s) were received are noted in the documentation contained herein.

All information contained within this report is the property of Seewald Laboratories, Inc. and that of the client. This report may not be reproduced in any form without prior consent from either an authorized representative of Seewald Laboratories, Inc. or the client for which this report was intended. If required, this report must be reproduced in its entirety. Seewald Laboratories, Inc. is not responsible for the use or interpretation of the data included herein.

Please visit www.seewaldlabs.com for a complete list of our accredited parameters and other topics of interest.

Regards,

Seewald Laboratories, Inc.



Approved by: _____

Christopher M. Fuller, Quality Director

PA Lab ID: 41-00034 • Maryland Certificate #: 202 • Delaware Office of Drinking Water • NY State Lab ID: 12028

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Envirocorp Labs, Inc.
 51 Clark Street
 Harrington, DE 19952

Project: General - DE
Project Number: 266897 - Allens Food - Harbeson
Reported: 12/21/2018 16:23

Sample Summary

Lab ID	Sample	Matrix	Sampled	Received
1832379-01	266897 - DEP Well #2	Drinking Water	12/18/2018 12:57	12/19/2018 11:45
1832379-02	266898 - DEP Well #4	Drinking Water	12/18/2018 12:54	12/19/2018 11:45
1832379-03	266899 - DEP Well #5	Drinking Water	12/18/2018 12:52	12/19/2018 11:45
1832379-04	266900 - DEP Well #7	Drinking Water	12/18/2018 12:47	12/19/2018 11:45





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Envirocorp Labs, Inc. 51 Clark Street Harrington, DE 19952	Project: General - DE Project Number: 266897 - Allens Food - Harbeson Reported: 12/21/2018 16:23
--	---

Notes and Definitions

Item	Definition
ND	Not Detected at or above the Minimum Reporting Limit
Reporting Limit	This value represents the minimum concentration that the target analyte can be identified and quantitated with confidence



SEEWALD
LABORATORIES, INC.
2829 Reach Road
Williamsport, PA 17701
Phone: (570) 326 - 4001 Fax: (570) 326 - 0399
Complete Online at www.seewaldlabs.com

Woi

Directio

Seewald



1832379

Compliance Sample Information

PWSID # WOT
Monitoring Period: _____
Reason: _____
Report Type (key): A C D E M P R S
Location Code/ID: Delaware

UPS US Postal Walk in
Client Notified? Yes No
Date/Time: _____
Spoke to: _____
Reason: _____

Reporting Type Key:
A = Start up R = Raw
C = Check S = Special
D = Distribution
E = Entry Point
M = Max Residence
P = Plant

Customer Contact Information:

Contact Person: Erin Bichy or Rachael Needam
Client/Co. Name: Envirocorps Labs, Inc.
Address: 51 Clark Street
City, State, Zip: Harrington, DE 19952
Telephone No: 302.398.4313
Cell No: _____
Email Address: Erin@envirocorplabs.com
Email Address: Rachael@envirocorplabs.com

Invoice Information (If different):
Shelly Bloom

Turn Around Time: _____ Report Format: _____
Standard or Rush Standard / MDL Report
Rush Due: _____ QC Report / EDD

Receipt info: Lab Employee FedEx
of Coolers: 1 Temp: 11 °C
Received on Ice? N
Coolers & samples intact? N
COC intact & complete? N
Correct container provided? N
Sample/COC/Analysis agree? N
Adequate sample volumes? N
Headspace present? Y N NA
Sample(s) pH acceptable? Y N NA
Completed by: YA Y = Yes N = No

Comments/Notes:

**RUSH DUE BY 1600 ON
1/2/19**

Sample Information:

Project: Allen's Food - Harbeson

pH	SU Temp	°C Meter #	* Comp #1	8	12	24	* Comp #2	8	12	24	Project #:
Field	DO	mg/L Temp	°C Meter #	Start:	@		Start:	@			Container Type/Preservation (see keys)
Data	Cl ₂ Tot	Free	mg/L Meter #	End:	@		End:	@			P
	Sp Cond	mg/L Temp	°C Meter #								3

Tier 1: PA Tier 2: JR Sub. WO
12/19/18 Completed

LIMS ID #	Sample Identification	Matrix (key)	Sample Date (MM/DD/YY)	Sample Time (HHMM)	Grab or Composite *	Indicate number of containers below						Analyses/Methods Requested	
<u>266897</u>	<u>- DEP Well #2</u>	<u>DW</u>	<u>12/18/2018</u>	<u>12:57</u>	<u>Grab</u>	<u>1</u>							<u>Lead & Copper</u>
<u>266898</u>	<u>- DEP Well #4</u>	<u>DW</u>	<u>12/18/2018</u>	<u>12:54</u>	<u>Grab</u>	<u>1</u>							<u>Lead & Copper</u>
<u>266899</u>	<u>- DEP Well #5</u>	<u>DW</u>	<u>12/18/2018</u>	<u>12:52</u>	<u>Grab</u>	<u>1</u>							<u>Lead & Copper</u>
<u>266900</u>	<u>- DEP Well #7</u>	<u>DW</u>	<u>12/18/2018</u>	<u>12:47</u>	<u>Grab</u>	<u>1</u>							<u>Lead & Copper</u>

Containers: (CG) Clear Glass (AG) Amber Glass (P) Plastic (V) Vial (SP) Sterile Plastic (WP) Whirl-Pak (O) Other

Preservation: (0) none (1) H2SO4 (2) HCL (3) HNO3 (4) NaOH (5) Zn(O2CCH3)2 (6) Na2S2O3 (7) NH4Cl (8) H3PO4 (9) Other (a) NH4Cl (b) C6H6O6 (c) MeOH (d) NaHSO4

Matrix: (DW) Drinking Water (NPW) Non-Potable Water (SCM) Solid/Chemical Materials (D) Dairy (FD) Frozen Desserts (F) Food (PC) Plastic Cont. (ENV) Env. Swabs (SW) Surface Water (GW) Ground Water (A) Air (OI) Reagent Water (O) Other

Sampled By (1st) Print Name: Client RA/PA/AT Sampled By (1st) Signature: _____
Relinquished By (1st): Client RA/PA/AT → Received By (2nd): UPS → Date: _____ → Time: _____
Relinquished By (2nd): UPS → Received By (3rd): KA → Date: DAVIS → Time: 1145
Relinquished By (3rd): _____ → Received By (4th): _____ → Date: _____ → Time: _____
Relinquished By (4th): _____ → Received By (5th): _____ → Date: _____ → Time: _____

Field Services
Mileage/Hours/Fees: _____



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268180 Matrix: Drinking Water Sample Start: 1/9/19 13:50
Description: Site: Well #2 Sample End:
Type: Grab Date Received: 1/9/19 14:45



Miscellaneous/Other

SHIP Completed 1/11/19 9:50 SWL None

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268181	Matrix: Drinking Water	Sample Start: 1/9/19 13:46
Description:	Site: Well #4	SampleEnd:
Type: Grab		Date Received: 1/9/19 14:45



Miscellaneous/Other

SHIP	Completed	1/11/19 9:50	SWL	None
------	-----------	--------------	-----	------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 266182	Matrix: Drinking Water	Sample Start: 1/9/19 14:35
Description:	Site: Well #5	SampleEnd:
Type: Grab		Date Received: 1/9/19 14:45



Miscellaneous/Other

SHIP	Completed	1/11/19 9:50	SWL	None
------	-----------	--------------	-----	------

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268183 Matrix: Drinking Water Sample Start: 1/9/19 13:40
Description: Site: Well #7 Sample End:
Type: Grab Date Received: 1/9/19 14:45

Parameter	Unit	Result	Method	By	Initials
Miscellaneous/Other		Completed	1/11/19 9:50	SWL	None
SHIP					

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



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Certificate of Analysis

January 11, 2019

Erin Bichy
Envirocorp Labs, Inc.
51 Clark Street
Harrington, DE 19952

Work Order: 1901484
Project: General - DE

Dear Erin Bichy,

Enclosed is your report of analysis that contains the result(s) of the sample(s) received on 1/10/2019. Please direct any questions or comments regarding the content of this report to our Client Services Manager, Mr. Kevin Green; or the Laboratory Director, Mr. Raymond J. Martrano at (570) 326 - 4001.

Seewald Laboratories, Inc. is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and the analytical result(s) contained in this report meet those regulation requirements, except where noted. For example, all drinking water testing and/or analysis comply with the requirements in 40 CFR part 141. All wastewater testing and/or analysis comply with the requirements in 40 CFR part 136. All Solid and Chemical Material testing and/or analysis complies with the requirements in SW-846. All quantitative solid result(s), unless otherwise indicated, are reported on a dry weight basis obtained by a percent moisture calculation.

Sample(s) that were collected by Seewald Laboratories, Inc. personnel are done in accordance with the latest revision of the laboratory's Field Sampling and Field Analysis Standard Operating Procedures. The result(s) contained within this report are representative of the sample(s) as received. Any and all information provided to us by the client was not performed by Seewald Laboratories, Inc. and is not within our scope of accreditation. Any abnormalities in how the sample(s) were received are noted in the documentation contained herein.

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Please visit www.seewaldlabs.com for a complete list of our accredited parameters and other topics of interest.

Regards,

Seewald Laboratories, Inc.



Approved by: _____

Christopher M. Fuller, Quality Director

PA Lab ID: 41-00034 • Maryland Certificate #: 202 • Delaware Office of Drinking Water • NY State Lab ID: 12028

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Envirocorp Labs, Inc. 51 Clark Street Harrington, DE 19952	Project: General - DE Project Number: 268180 - Allens Food - Harbeson Reported: 01/11/2019 14:11
--	---

Sample Summary

Lab ID	Sample	Matrix	Sampled	Received
1901484-01	268180 - Well #2	Drinking Water	01/09/2019 13:50	01/10/2019 10:00
1901484-02	268181 - Well #4	Drinking Water	01/09/2019 13:46	01/10/2019 10:00
1901484-03	268182 - Well #5	Drinking Water	01/09/2019 14:35	01/10/2019 10:00
1901484-04	268183 - Well #7	Drinking Water	01/09/2019 13:40	01/10/2019 10:00





Environmental & Agricultural Testing
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Envirocorp Labs, Inc.	Project: General - DE
51 Clark Street	Project Number: 268180 - Allens Food - Harbeson
Harrington, DE 19952	Reported: 01/11/2019 14:11

Notes and Definitions

Item	Definition
ND	Not Detected at or above the Minimum Reporting Limit
Reporting Limit	This value represents the minimum concentration that the target analyte can be identified and quantitated with confidence





2829 Reach Road
 Williamsport, PA 17701
 Phone: (570) 326 - 4001 Fax: (570) 326 - 0399
 Complete Online at www.seewaldlabs.com



1901484

today

NY areas are for
 sample turnaround.

Turn Around Time: Standard / Rush
 Report Format: MDL Report / EDD

Cash	PO#	Not Paid <input checked="" type="checkbox"/>
Check	CK#	
Cr. Card		

Customer Contact Information:

Contact Person: Erin Bichy or Rachael Needam
 Client/Co-Name: Envirocorps Labs, Inc.
 Address: 51 Clark Street
 City, State, Zip: Harrington, DE 19952
 Telephone No: 302.398.4313
 Cell No:
 Email Address: Erin@envirocorplabs.com
 Email Address: Rachael@envirocorplabs.com

Invoice Information (if different):

Shelly Bloom
 Shelly@envirocorplabs.com

Sample Information: Project:

Allen's Food - Harbeson
 * Comp #1 8 12 24 * Comp #2 8 12 24
 pH: SU Temp °C Meter # DO mg/L Temp °C Meter #
 Cl₂ Tot Free mg/L Meter # Sp Cond mg/L Temp °C Meter #
 Start: @ End: @
 Start: @ End: @

Container Type/Preservation (see keys)

5p	THIO
----	------

Indicate number of containers below

LIMS ID #	Sample Identification	Matrix (key)	Sample Date (MM/DD/YY)	Sample Time (HH:MM)	Grab or Composite *
-01	268180 - Well #2	DW	1/9/2019	13:50	Grab
-02	268181 - Well #4	DW	1/9/2019	13:46	Grab
-03	268182 - Well #5	DW	1/9/2019	14:35	Grab
-04	268183 - Well #7	DW	1/9/2019	13:40	Grab

Containers: (GG) Clear Glass (AG) Amber Glass (P) Plastic (V) Vial (SP) Sterile Plastic (WP) Whirl-Pak (O) Other
 Preservation: (0) none (1) H2SO4 (2) HCL (3) HNO3 (4) NaOH (5) Zn(O2CCCH3)2 (6) Na2S2O3 (7) NH4Cl (8) H3PO4 (9) Other (a) NH4Cl (b) C6H6O6 (c) MeOH (d) NaHSO4
 Matrix: (DW) Drinking Water (NPW) Non-Potable Water (SCM) Solid/Chemical Materials (D) Dairy (FD) Frozen Desserts (F) Food (PC) Plastic Cont. (ENV) Env. Swabs (SW) Surface Water (GW) Ground Water (A) Air (DI) Reagent Water (O) Other

Sampled By (1st) Print Name: ClientRAM19 Signature: [Signature] Sampled By (1st) Signature: [Signature]

Relinquished By (2nd): [Signature] Received By (2nd): [Signature]

Relinquished By (3rd): [Signature] Received By (3rd): [Signature]

Relinquished By (4th): [Signature] Received By (4th): [Signature]

Relinquished By (5th): [Signature] Received By (5th): [Signature]

Compliance Sample Information

PWSID # NA
 Monitoring Period: NA
 Reason: NA
 Report Type (key): A C D E M P R S
 Location Code/ID: Delaware

Receipt Info: Lab Employee FedEx
 # of Coolers: Temp: 9 °C
 Received on ice? N
 Coolers & samples intact? N
 COC intact & complete? N
 Correct container provided? N
 Sample/COC/Analysis agree? N
 Adequate sample volumes? N
 Headspace present? N
 Sample(s) pH acceptable? N
 Completed By: [Signature] Y = Yes N = No

Reporting Type Key:
 A = Start up R = Raw
 C = Check S = Special
 D = Distribution
 E = Entry Point
 M = Max Residence
 P = Plant

Comments/Notes:
 DE

Tier 1: 1/10/19 Tier 2: [Signature]
 Sub. WO Completed

Analyses/Methods Requested

TC / EC
TC / EC
TC / EC
TC / EC

pH checks completed by: NA

Field Services
 Mileage/Hours/Fees:

Date: 1/10/19 Time: 1000
 Date: 1/10/19 Time: 1000
 Date: 1/10/19 Time: 1000
 Date: 1/10/19 Time: 1000

ENVIROCORP, INC. CHAIN OF CUSTODY REPORT

Allen Foods – Harbeson
 18752 Harbeson Rd.
 PO Box 227
 Harbeson, DE 19951
 Michael Sause – 302-359-1975
 Glenn Wilkins – 302-344-9070

Compliance

SAMPLER'S SIGNATURE
COLLECTION

PRESERVED

LAB I.D.	TIME	DATE	DESCRIPTION	YES	NO	ANALYSES
208180	13:50		Well # 2	Thio		TC/EC
208181	13:46		Well # 4	Thio		TC/EC
208182	14:35		Well # 5	Thio		TC/EC
208183	13:40		Well # 7	Thio		TC/EC

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	COMMENTS
ML	1-9-19	13:50	Aburns	1-9-19	14:15	

Fridge Cooler Temperature 5.0



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267356 Matrix: Drinking Water Sample Start: 12/26/18 14:14
 Description: Site: DEP - Well #2 SampleEnd:
 Type: Grab Date Received: 12/26/18 15:30

Parameter	Unit	Result	Analyzer	Tag	Method
Minerals					
Alkalinity as CaCO3	mg/L	9.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	6	12/28/18 12:01	HJG	SM2340-B
Miscellaneous/Other					
SHIP		Completed	12/31/18 15:42	SLI	None
Nutrient					
Ortho Phosphorous as P	mg/L	<0.05	12/26/18 16:26	JMW	SM4500-P-F
Physical					
pH-field	SU	5.85	12/26/18 14:14	CLT	150.1
Specific Conductance	umhos/cm	70.0	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	13.9	12/26/18 14:14	CLT	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 267357	Matrix: Drinking Water	Sample Start: 12/26/18 14:20
Description:	Site: DEP - Well #4	SampleEnd:
Type: Grab		Date Received: 12/26/18 15:30



Minerals

Alkalinity as CaCO3	mg/L	6.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	16.0	12/28/18 12:01	HJG	SM2340-B

Miscellaneous/Other

SHIP	Completed	12/31/18 15:42	SLI	None
------	-----------	----------------	-----	------

Nutrient

Ortho Phosphorous as P	mg/L	<0.05	12/26/18 16:26	JMW	SM4500-P-F
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Physical

pH-field	SU	6.09	12/26/18 15:16	JB	150.1
Specific Conductance	umhos/cm	142.1	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	14.2	12/26/18 15:16	JB	SM2550-B

ND = Not Detected * = Above Specified Limit ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267358	Matrix: Drinking Water	Sample Start: 12/26/18 14:24
Description:	Site: DEP - Well #5	Sample End:
Type: Grab		Date Received: 12/26/18 15:30

Parameter	Unit	Result	Time/Date	Lab	Method
Minerals					
Alkalinity as CaCO3	mg/L	5.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	20.0	12/28/18 12:01	HJG	SM2340-B
Miscellaneous/Other					
SHIP		Completed	12/31/18 15:42	SLI	None
Nutrient					
Ortho Phosphorous as P	mg/L	<0.05	12/26/18 16:26	JMW	SM4500-P-F
Physical					
pH-field	SU	6.33	12/26/18 14:24	JB	150.1
Specific Conductance	umhos/cm	136.9	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	14.4	12/26/18 14:24	JB	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267359 Matrix: Drinking Water Sample Start: 12/26/18 14:30
 Description: Site: DEP - Well #7 Sample End:
 Type: Grab Date Received: 12/26/18 15:30

Parameter	Unit	Result	Sample Date	Analyst	Lab
Minerals					
Alkalinity as CaCO3	mg/L	11.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	25.0	12/28/18 12:01	HJG	SM2340-B
Miscellaneous/Other					
SHIP		Completed	12/31/18 15:42	SLI	None
Nutrient					
Ortho Phosphorous as P	mg/L	<0.05	12/26/18 16:26	JMW	SM4500-P-F
Physical					
pH-field	SU	6.02	12/26/18 14:30	JB	150.1
Specific Conductance	umhos/cm	215	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	14.7	12/26/18 14:30	JB	SM2550-B
QA/QC					
Ortho Phosphorous as P (% Recovery)	% Rec.	113.4	12/26/18 16:26	JMW	SM4500-P-F

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267360 Matrix: Drinking Water Sample Start: 12/26/18 14:35
 Description: Site: Surge Tank SampleEnd:
 Type: Grab Date Received: 12/26/18 15:30

Parameter	Unit	Result	Analysis Date	Lab	Location
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Minerals

Alkalinity as CaCO3	mg/L	9.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	20.0	12/28/18 12:01	HJG	SM2340-B

Nutrient

Ortho Phosphorous as P	mg/L	<0.05	12/26/18 16:26	JMW	SM4500-P-F
------------------------	------	-------	----------------	-----	------------

Physical

pH-field	SU	5.90	12/26/18 14:35	JB	150.1
Specific Conductance	umhos/cm	188.5	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	14.1	12/26/18 14:35	JB	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267361 Matrix: Drinking Water Sample Start: 12/26/18 14:40
 Description: Site: Water fountain Sample End:
 Type: Grab Date Received: 12/26/18 15:30



Minerals

Alkalinity as CaCO3	mg/L	54.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	19.0	12/28/18 12:01	HJG	SM2340-B

Nutrient

Ortho Phosphorous as P	mg/L	1.48	12/26/18 16:26	JMW	SM4500-P-F
------------------------	------	------	----------------	-----	------------

Physical

pH-field	SU	6.80	12/26/18 14:40	JB	150.1
Specific Conductance	umhos/cm	260	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	15.1	12/26/18 14:40	JB	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 287362 Matrix: Drinking Water Sample Start: 12/26/18 14:40
 Description: Site: Cafe Sink SampleEnd:
 Type: Grab Date Received: 12/26/18 15:30

Parameter	Unit	Result	Time	Lab	Method
Minerals					
Alkalinity as CaCO3	mg/L	60.0	12/26/18 10:13	HJG3	SM2320-B
Calcium Hardness	mg/L	19.0	12/28/18 12:01	HJG	SM2340-B
Nutrient					
Ortho Phosphorous as P	mg/L	1.73	12/26/18 16:26	JMW	SM4500-P-F
Physical					
pH-field	SU	6.89	12/26/18 14:40	JB	150.1
Specific Conductance	umhos/cm	265	12/27/18 14:33	JB	SM2510-B
Temperature-field	oC	16.4	12/26/18 14:40	JB	SM2550-B

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



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2829 Reach Road, Williamsport, PA 17701 • Phone: (570) 326-4001 • Fax: (570) 326-0399 • www.seewaldlabs.com

Certificate of Analysis

December 31, 2018

Erin Bichy
 Envirocorp Labs, Inc.
 51 Clark Street
 Harrington, DE 19952

Work Order: 1832721
 Project: General - DE

Dear Erin Bichy,

Enclosed is your report of analysis that contains the result(s) of the sample(s) received on 12/27/2018. Please direct any questions or comments regarding the content of this report to our Client Services Manager, Mr. Kevin Green; or the Laboratory Director, Mr. Raymond J. Martrano at (570) 326 - 4001.

Seewald Laboratories, Inc. is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and the analytical result(s) contained in this report meet those regulation requirements, except where noted. For example, all drinking water testing and/or analysis comply with the requirements in 40 CFR part 141. All wastewater testing and/or analysis comply with the requirements in 40 CFR part 136. All Solid and Chemical Material testing and/or analysis complies with the requirements in SW-846. All quantitative solid result(s), unless otherwise indicated, are reported on a dry weight basis obtained by a percent moisture calculation.

Sample(s) that were collected by Seewald Laboratories, Inc. personnel are done in accordance with the latest revision of the laboratory's Field Sampling and Field Analysis Standard Operating Procedures. The result(s) contained within this report are representative of the sample(s) as received. Any and all information provided to us by the client was not performed by Seewald Laboratories, Inc. and is not within our scope of accreditation. Any abnormalities in how the sample(s) were received are noted in the documentation contained herein.

All information contained within this report is the property of Seewald Laboratories, Inc. and that of the client. This report may not be reproduced in any form without prior consent from either an authorized representative of Seewald Laboratories, Inc. or the client for which this report was intended. If required, this report must be reproduced in its entirety. Seewald Laboratories, Inc. is not responsible for the use or interpretation of the data included herein.

Please visit www.seewaldlabs.com for a complete list of our accredited parameters and other topics of interest.

Regards,

Seewald Laboratories, Inc.



Approved by: _____

Christopher M. Fuller, Quality Director

PA Lab ID: 41-00034 • Maryland Certificate #: 202 • Delaware Office of Drinking Water • NY State Lab ID: 12028

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Envirocorp Labs, Inc. 51 Clark Street Harrington, DE 19952	Project: General - DE Project Number: 267356 - Allens Food - Harbeson Reported: 12/31/2018 15:42
--	---

Sample Summary

Lab ID	Sample	Matrix	Sampled	Received
1832721-01	267356 - DEP Well #2	Drinking Water	12/26/2018 14:14	12/27/2018 11:39
1832721-02	267357 - DEP Well #4	Drinking Water	12/26/2018 14:20	12/27/2018 11:39
1832721-03	267358 - DEP Well #5	Drinking Water	12/26/2018 14:24	12/27/2018 11:39
1832721-04	267359 - DEP Well #7	Drinking Water	12/26/2018 14:30	12/27/2018 11:39





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Envirocorp Labs, Inc.	Project: General - DE
51 Clark Street	Project Number: 267356 - Allens Food - Harbeson
Harrington, DE 19952	Reported: 12/31/2018 15:42

Analytical Results

Sample ID: 267357 - DEP Well #4	Sampled: 12/26/2018 14:20
Lab ID: 1832721-02	Received: 12/27/2018 11:39
Matrix: Drinking Water	

Analyte	Result	Units	Qualifier	Reporting Limit	Prepared	Analyzed	Method	Analyst
---------	--------	-------	-----------	-----------------	----------	----------	--------	---------

Metals								
Copper	0.0147	mg/L		0.000500	12/28/18 16:43	12/28/18 16:43	EPA 200.2/200.8	SM
Lead	0.000656	mg/L		0.000500	12/28/18 16:43	12/28/18 16:43	EPA 200.2/200.8	SM





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Envirocorp Labs, Inc.	Project: General - DE
51 Clark Street	Project Number: 267356 - Allens Food - Harbeson
Harrington, DE 19952	Reported: 12/31/2018 15:42

Analytical Results

Sample ID: 267358 - DEP Well #5	Sampled: 12/26/2018 14:24
Lab ID: 1832721-03	Received: 12/27/2018 11:39
Matrix: Drinking Water	

Analyte	Result	Units	Qualifier	Reporting Limit	Prepared	Analyzed	Method	Analyst
---------	--------	-------	-----------	-----------------	----------	----------	--------	---------

Metals

Copper	0.0302	mg/L		0.000500	12/28/18 16:47	12/28/18 16:47	EPA 200.2/200.8	SM
Lead	0.00182	mg/L		0.000500	12/28/18 16:47	12/28/18 16:47	EPA 200.2/200.8	SM





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Envirocorp Labs, Inc.	Project: General - DE
51 Clark Street	Project Number: 267356 - Allens Food - Harbeson
Harrington, DE 19952	Reported: 12/31/2018 15:42

Analytical Results

Sample ID: 267359 - DEP Well #7 **Sampled:** 12/26/2018 14:30
Lab ID: 1832721-04 **Received:** 12/27/2018 11:39
Matrix: Drinking Water

Analyte	Result	Units	Qualifier	Reporting Limit	Prepared	Analyzed	Method	Analyst
---------	--------	-------	-----------	-----------------	----------	----------	--------	---------

Metals

Copper	0.0163	mg/L		0.000500	12/28/18 16:51	12/28/18 16:51	EPA 200.2/200.8	SM
Lead	0.000887	mg/L		0.000500	12/28/18 16:51	12/28/18 16:51	EPA 200.2/200.8	SM





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Envirocorp Labs, Inc.	Project: General - DE
51 Clark Street	Project Number: 267356 - Allens Food - Harbeson
Harrington, DE 19952	Reported: 12/31/2018 15:42

Notes and Definitions

<u>Item</u>	<u>Definition</u>
ND	Not Detected at or above the Minimum Reporting Limit
Reporting Limit	This value represents the minimum concentration that the target analyte can be identified and quantitated with confidence



SEEWALD
LABORATORIES, INC.
 2829 Reach Road
 Williamsport, PA 17701
 Phone: (570) 326 - 4001 Fax: (570) 326 - 0399
 Complete Online at www.seewaldlabs.com



1832721

itody

ay areas are for
urnaround.

Payment Method:
 Cash PO# _____
 Check Ck# _____
 Cr. Card Not Paid

Turn Around Time: Standard or **Rush** Standard / MOL Report
Report Format: QC Report / EDD

Compliance Sample Information
 PWSID # NA
 Monitoring Period: _____
 Reason: _____
 Report Type (key): A C D E M P R S
 Location Code/ID: Delaware

Customer Contact Information:

Contact Person: Erin Bichy or Rachael Needam
 Client/Co.Name: Envirocorps Labs, Inc.
 Address: 51 Clark Street
 City, State, Zip: Harrington, DE 19952
 Telephone No: 302.398.4313
 Cell No: _____
 Email Address: Erin@envirocorplabs.com
Rachael@envirocorplabs.com

Invoice Information (if different):

Shelly Bloom
 Shelly@envirocorplabs.com

Receipt Info: Lab Employee _____ FedEx _____
 # of Coolers: 3 Temp: 09 °C
 Received on ice? N
 Coolers & samples intact? N
 COC intact & complete? N
 Correct container provided? N
 Sample/COC/Analysis agree? N
 Adequate sample volumes? N
 Headspace present? N
 Sample(s) pH acceptable? N

Comments/Notes:

RUSH DUE BY 1600 ON
1/2/19

Sample Information:

Project: Allen's Food - Harbeson

Field Data: pH, SU Temp, °C Meter #, * Comp #1 8 12 24, * Comp #2 8 12 24, Project #, Container Type/Preservation (see keys)
 Cl₂ Tot, Free, mg/L Meter #, End: @, P, 3

LIMS ID #	Sample Identification	Matrix (key)	Sample Date (MM/DD/YY)	Sample Time (MHMM)	Grab or Composite *	Indicate number of containers below
-01	267356 - DEP Well #2	DW	12/26/2018	14:14	Grab	1
-02	267357 - DEP Well #4	DW	12/26/2018	14:20	Grab	1
-03	267358 - DEP Well #5	DW	12/26/2018	14:24	Grab	1
-04	267359 - DEP Well #7	DW	12/26/2018	14:30	Grab	1

Tier 1: 12/2/18 Tier 2: 12/1/18 Sub. WO Completed
 pH checks completed by: JR

Containers: (CG) Clear Glass (AG) Amber Glass (P) Plastic (V) Vial (SP) Sterile Plastic (WP) Whirl-Pak (O) Other
Preservation: (0) none (1) H2SO4 (2) HCL (3) HNO3 (4) NaOH (5) Zn(O2CCH3)2 (6) Na2S2O3 (7) NH4CL (8) H3PO4 (9) Other (a) NH4Cl (b) C6H6O6 (c) MeOH (d) NaHSO4
Matrix: (DW) Drinking Water (NPW) Non-Potable Water (SCM) Solid/Chemical Materials (D) Dairy (FD) Frozen Desserts (F) Food (PC) Plastic Cont. (ENV) Env. Swabs (SW) Surface Water (GW) Ground Water (A) Air (OI) Reagent Water (O) Other

Sampled By (1st) Print Name: client (12/13/18) Sampled By (1st) Signature: _____
 Relinquished By (1st): _____ → Received By (2nd): UPS → Date: 12/26/18 → Time: 1552
 Relinquished By (2nd): _____ → Received By (3rd): _____ → Date: 12/27/18 → Time: 1139
 Relinquished By (3rd): _____ → Received By (4th): _____ → Date: _____ → Time: _____
 Relinquished By (4th): _____ → Received By (5th): _____ → Date: _____ → Time: _____

Envirocorp Labs Water Quality Parameters

DAY 2

Allen Foods – Harbeson
18752 Harbeson Rd.
PO Box 227
Harbeson, DE 19951
Michael Sause – 302-359-1975

Collection Information			Preservation		Analysis	
Lab ID #	Time	Date	Description	Yes		No
207356	1414	12/26/2018	DEP - Well #2		✓	pH <u>5.85</u> Temp. <u>13.9</u>
				ICE		ALK, Ca-H, CON, OP
				HNO3		Pb, Cu
207357	1420	12/26/2018	DEP - Well #4		✓	pH <u>6.09</u> Temp. <u>14.2</u>
				ICE		ALK, Ca-H, CON, OP
				HNO3		Pb, Cu
207358	1424	12/26/2018	DEP - Well #5		✓	pH <u>6.33</u> Temp. <u>14.4</u>
				ICE		ALK, Ca-H, CON, OP
				HNO3		Pb, Cu

Relinquished By: JB Date: 12/26/18 Time: 14:45 Received By: OB Comments: 12/26/18 1522

RUSH - DUE 1/2/19

© Envirocorp, Cooler Temp. 4.5 °C

Allen Foods – Harbeson
 18752 Harbeson Rd.
 PO Box 227
 Harbeson, DE 19951
 Michael Sause – 302-359-1975

Envirocorp Labs Water Quality Parameters

DAY 2

Collection Information			Preservation		Analysis	
Lab ID #	Time	Date	Description	Yes	No	
207357	1430	12/26/2018	DEP - Well #7		✓	pH <u>2.00</u> Temp. <u>14.7</u>
				ICE		ALK, Ca-H, CON, OP
				HNO3		Pb, Cu
207360	1405	12/26/2018	Distribution - Surge Tank		✓	pH <u>5.90</u> Temp. <u>19.1</u>
				ICE		ALK, Ca-H, CON, OP
207361	1455	12/26/2018	Distribution - Water fountain		✓	pH <u>6.80</u> Temp. <u>15.1</u>
				ICE		ALK, Ca-H, CON, OP
207362	1440	12/26/2018	Distribution - Café Sink		✓	pH <u>6.79</u> Temp. <u>12.4</u>
				ICE		ALK, Ca-H, CON, OP

Relinquished By: JS Date: 12/26/18 Time: 1522 Received By: OBAN Comments: 12/26/18 1522

RUSH - DUE 1/2/19

© Envirocorp, Inc.
 El Labs Cooler Temp.
4.3 °C



Allen Harim Foods, LLC
Harbeson Processing Plant
18752 Harbeson Road
Harbeson, DE 19951

WATER ALLOCATION PERMIT RENEWAL APPLICATION
ATTACHMENT 5
WASTEWATER TREATMENT



Allen Harim Foods, LLC
Harbeson Processing Plant
18752 Harbeson Road
Harbeson, DE 19951

WASTEWATER TREATMENT

Wastewater generated at the Allen Harim Foods, LLC – Harbeson Poultry Processing Facility is generated from two primary sources: poultry processing and sanitary wastewater. Poultry processing wastewaters include boiler blowdown. The poultry processing wastewater stream is treated via primary screening (Offal), dissolved air flotation (DAF), anoxic biological nutrient removal (BNR) and flow equalization, activated sludge, clarification, chlorination, and dechlorination. Sanitary wastewater bypasses the primary screening and DAF treatment processes, but is otherwise treated in a manner consistent with the poultry processing wastewater. All treated wastewater from the Site is discharged to Beaverdam Creek, a tributary of the Indian River.

Allen Harim's generation, treatment, and discharge of wastewater at the Site is regulated under their current National Pollutant Discharge Elimination System (NPDES) permit – NPDES Permit No. DE 0000299, State Discharge Permit No. WPCC 3131F/76. Copies of recent chemical and bacteriological analyses, as well as Discharge Monitoring Reports (DMRs) are included herein.



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

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Allen Harim Foods, LLC
 ADDRESS: 18752 Harberson Road, Harberson, DE 19851 US
 FACILITY: Allen Harim Foods LLC
 LOCATION: 18752 Harberson Road, Harberson, DE 19851 US

PERMIT NUMBER: DE0000299
 DISCHARGE NUMBER: 001
 REPORT DESIGNATOR: A
 DATA ENTRY COMPLETE: 2/13/2019
 REPORT SUBMITTED BY: msauser1
 STATUS OF SUBMISSION: Submitted for Signature

MONITORING PERIOD: FROM 2019 01 01 TO 2019 01 31

#	PARAMETER	MDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
1/1	Flow		1.7	2.54	Mill Gal/Day				0	98/99	Recorder
1/2	Gross Effluent (50050)		2	No Limit Monitoring Req'd	Mill Gal/Day	No Monitoring Required	No Monitoring Required		-	99/99	Recorder
	BOD5		<30.4	<38.8	lbs/Day		3.2		0	01/07	Composite 24
1/3	Gross Effluent (00310)		104.3	157.5	lbs/Day	No Monitoring Required	9.38		-	01/07	Composite 24
	TSS		50.6	86.9	lbs/Day		8		0	01/07	Composite 24
1/4	Gross Effluent (00530)		152	228	lbs/Day	No Monitoring Required	13.7		-	01/07	Composite 24
	Oil & Grease		<51.9	<64.7	lbs/Day		<5		0	01/07	Grab-3
1/5	Gross Effluent (00556)		83	125	lbs/Day	No Monitoring Required	7.5		-	01/07	Grab-3
	Phosphorus, Total		<0.6	0.9	lbs/Day		0.09		0	01/07	Composite 24
1/6	Gross Effluent (00665)		6.21	7.82	lbs/Day	No Monitoring Required	No Limit Monitoring Req'd		-	01/07	Composite 24
	Nitrogen, Ammonia Total (As N)		1.1	1.9	lbs/Day		0.19		0	01/07	Composite 24
1/7	Gross Effluent (00610)		10.4	15.6	lbs/Day	No Monitoring Required	0.83		-	01/07	Composite 24
	Aluminum, Total		2.3	3.8	lbs/Day		0.35		0	01/07	Composite 24
	Gross Effluent (07105)		No Limit Monitoring Req'd	No Limit Monitoring Req'd	lbs/Day	No Monitoring Required	No Limit Monitoring Req'd		-	01/07	Composite 24

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

NAME/TITLE: Principal Executive Officer
 Signature: *Everett Brown Sr. Dir. of Ops*
 TYPED OR PRINTED

ATTACH DIGITAL SIGNATURE RECEIPT FROM CROMBERG

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
Michael J. D'Amico

TELEPHONE: _____ DATE: 2/13/2019

YEAR: 2019 MO: 2 DAY: 13



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

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Allen Harim Foods, LLC
ADDRESS: 18752 Harbeson Road, Harbeson, DE 18951 US
FACILITY: Allen Harim Foods LLC
LOCATION: 18752 Harbeson Road, Harbeson, DE 18951 US

PERMIT NUMBER: DE000299
MONITORING PERIOD: FROM 2019 01 01 TO 2019 01 31

REPORT DESIGNATOR: A
DATA ENTRY COMPLETE: 2/13/2019
REPORT SUBMITTED BY: msauser1
STATUS OF SUBMISSION: Submitted for Signature

#	PARAMETER	NDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
2/1	Total Nitrogen		172	231.8	lbs/Day		16.13	23	0	01/07	Composites 24
	Gross Effluent (00600)	-	467	574	lbs/Day	No Monitoring Required	28	34.4	-	01/07	Composites 24
2/2	Enterococcus				-		<1.3	2	0	01/07	Grab
	Gross Effluent (31639)	-	No Monitoring Required	No Monitoring Required	-	No Monitoring Required	63	113	-	01/07	Grab
2/3	pH				-	6.9	7.4	7.4	0	01/01	Grab
	Gross Effluent (00400)	-	No Monitoring Required	No Monitoring Required	-	6	No Monitoring Required	8	-	01/01	Grab
2/4	Total Residual Chlorine	B			-				0	01/01	Grab
	Gross Effluent (50060)	-	No Monitoring Required	No Monitoring Required	-		No Monitoring Required	0	-	01/01	Grab

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Everett Brown Sr. Dir. of Ops

TYPED OR PRINTED

ATTACH DIGITAL SIGNATURE RECEIPT FROM GROMERY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Everett Brown Sr.

TELEPHONE

302-307-1995

DATE

2019 2 13

YEAR MO DAY

NDI (No Data Indication) Reason: 8 - No Sample (Other); 9 - No Sample (Monitoring Not Required this Monitoring Period); B - Not Detected; C - No Sample (No Discharge)

DMR DISCHARGE MONITORING REPORT - DMR1 (EPA FORM 3320-1 (Rev. 10-98) USED AS TEMPLATE), 2016.

PRINTED: 2/13/2019 4:38 AM

PAGE 2 OF 6



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

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Allen Harim Foods, LLC
ADDRESS: 18752 Harbeson Road, Harbeson, DE 19951 US
FACILITY: Allen Harim Foods LLC
LOCATION: 18752 Harbeson Road, Harbeson, DE 19951 US

PERMIT NUMBER: DE000299
MONITORING PERIOD: FROM 2019 01 01 TO 2019 01 31

REPORT DESIGNATOR: 002
DATA ENTRY COMPLETE
REPORT SUBMITTED BY: Submitted for Signature

REPORT DESIGNATOR: A
DATE: 2/13/2019
msausa1

#	PARAMETER	INDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM			
1/1	Flow	C							0	01/30	Estimate
	Gross Effluent (50050)	-	No Limit Monitoring Req	No Limit Monitoring Req	No Monitoring Required	No Monitoring Required	No Monitoring Required		-	01/30	Estimate
1/2	BOD5	C							0	01/30	Grab
	Gross Effluent (00310)	-	No Monitoring Required	No Monitoring Required	No Monitoring Required	16	28		-	01/30	Grab
1/3	TSS	C							0	01/30	Grab
	Gross Effluent (00530)	-	No Monitoring Required	No Monitoring Required	No Monitoring Required	20	30		-	01/30	Grab
1/4	pH	C							0	01/30	Grab
	Gross Effluent (00400)	-	No Monitoring Required	No Monitoring Required	6	No Monitoring Required	9		-	01/30	Std pH Units
1/5	Oil & Grease	C							0	01/30	Grab
	Gross Effluent (00550)	-	No Monitoring Required	No Monitoring Required	No Monitoring Required	8	14		-	01/30	Grab
1/6	Phosphorus, Total	C							0	01/30	Grab
	Gross Effluent (00665)	-	No Monitoring Required	No Monitoring Required	No Monitoring Required	No Limit Monitoring Req	No Limit Monitoring Req		-	01/30	Grab
1/7	Nitrogen, Ammonia Total (As N)	C							0	01/30	Grab
	Gross Effluent (00610)	-	No Monitoring Required	No Monitoring Required	No Monitoring Required	4	8		-	01/30	Grab

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

NAME/TITLE: Everett Brown Sr. Dir. of ops TYPED OR PRINTED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

ATTACH DIGITAL SIGNATURE RECEIPT FROM CROMBERG

TELEPHONE: 302-357-1995

DATE: 2019 2 13

YEAR: 2019

MONTH: 02

DAY: 13

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: Michael J. Sander

NDI (No Data Indicator) Reasons: 8 - No Sample (Other); 9 - No Sample (Monitoring Not Required (No Monitoring Period)); 9 - Not Detected; C - No Sample (No Discharge)
DNREC DISCHARGE MONITORING REPORT - DMR1 (EPA FORM 3320-1 (Rev. 10-96) USED AS TEMPLATE), 2016.



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

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Allen Harin Foods, LLC
 ADDRESS: 18752 Harbeson Road, Harbeson, DE 19951 US
 FACILITY: Allen Harin Foods LLC
 LOCATION: 18752 Harbeson Road, Harbeson, DE 19951 US

DE0000299 PERMIT NUMBER
 002 DISCHARGE NUMBER
 REPORT DESIGNATOR: A
 DATA ENTRY COMPLETE: 2/13/2019
 REPORT SUBMITTED BY: mssaluse1
 STATUS OF SUBMISSION: Submitted for Signature

MONITORING PERIOD FROM 2019 01 01 TO 2019 01 31

#	PARAMETER	NDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
2/1	Total Nitrogen	C	No Monitoring Required	No Monitoring Required	-	No Monitoring Required	109	147	0	01/30	Grab
	Gross Effluent (00600)	-	No Monitoring Required	No Monitoring Required	-	No Monitoring Required			-	01/30	Grab
2/2	Enterococcus	C	No Monitoring Required	No Monitoring Required	-	No Monitoring Required			0	01/30	Grab
	Gross Effluent (31638)	-	No Monitoring Required	No Monitoring Required	-	No Monitoring Required		185	-	01/30	Grab

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

NAME/TITLE: Everett Brown Sr. Director TELEPHONE: _____ DATE: 2019 01 13

ATTACH DIGITAL SIGNATURE RECEIPT FROM: _____

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: David J. Lane YEAR: 2019 MONTH: 01 DAY: 13

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY PERSONAL SUPERVISION AND CONTROL AND THAT I AM AWARE THAT THESE ARE SIGNIFICANT POLLUTANT VIOLATIONS INCLUDING THE POSSIBILITY OF FINE AND IMPROVEMENT FOR KNOWING VIOLATIONS.

NDI (No Data Indicated) Reason: 8 - No Sample (Other); 9 - No Sample (Monitoring Not Required this Monitoring Period); B - Not Detected; C - No Sample (No Discharge)

DMREC DISCHARGE MONITORING REPORT - DMR1 (EPA FORM 3320-1 (Rev. 10-96) USED AS TEMPLATE), 2016.

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

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Allen Harim Foods, LLC
ADDRESS: 18752 Harbeson Road, Harbeson, DE 19511 US
FACILITY: Allen Harim Foods LLC
LOCATION: 18752 Harbeson Road, Harbeson, DE 19511 US

DE00007299 PERMIT NUMBER
003 DISCHARGE NUMBER
2019 01 01 FROM 2019 01 31 TO MONITORING PERIOD

A REPORT DESIGNATOR
2/13/2019 DATA ENTRY COMPLETE
msause1 REPORT SUBMITTED BY
Submitted for Signature STATUS OF SUBMISSION

#	PARAMETER	NDI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
1/1	Flow	C			GPM				0	01/30	Estimate
1/2	Gross Effluent (60059)	-	No Limit Monitoring Req'd	No Limit Monitoring Req'd	GPM	No Monitoring Required	No Monitoring Required	No Monitoring Required	-	01/30	Estimate
	BOD5	C			-				0	01/30	Grab
1/3	Gross Effluent (00310)	-	No Monitoring Required	No Monitoring Required	-				-	01/30	Grab
	TSS	C			-				0	01/30	Grab
1/4	Gross Effluent (00530)	-	No Monitoring Required	No Monitoring Required	-				-	01/30	Grab
	pH	C			-				0	01/30	Grab
1/5	Oil & Grease	-	No Monitoring Required	No Monitoring Required	-				0	01/30	Grab
	Gross Effluent (00400)	C			-				0	01/30	Grab
1/6	Phosphorus, Total	-	No Monitoring Required	No Monitoring Required	-				0	01/30	Grab
	Gross Effluent (00665)	C			-				0	01/30	Grab
	Nitrogen, Ammonia Total (As N)	-	No Monitoring Required	No Monitoring Required	-				0	01/30	Grab
1/7	Gross Effluent (00810)	-	No Monitoring Required	No Monitoring Required	-				0	01/30	Grab
	Gross Effluent (00810)	C			-				0	01/30	Grab

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

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Everett Brown Sr. Director

TYPED OR PRINTED

(ATTACH DIGITAL SIGNATURE RECEIPT FROM CROMERY)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Mark J. Jancik

TELEPHONE

302-357-1735

DATE

2/13/2019

NDI (No Data Indicated) Reasons: 6 - No Sample (Other); 9 - No Sample (Monitoring Not Required this Monitoring Period); B - Not Detected; C - No Sample (No Discharge)

DMREC DISCHARGE MONITORING REPORT - DMR1 (EPA FORM 3320-1 (Rev. 10-96) USED AS TEMPLATE), 2016.

PRINTED: 2/13/2019 4:38 AM PAGE 5 OF 6



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

PERMITTEE NAME/ADDRESS (include Facility Name/Location if different):

NAME: Allen Harim Foods, LLC
 ADDRESS: 18752 Harbeson Road, Harbeson, DE 19951 US
 FACILITY: Allen Harim Foods LLC
 LOCATION: 18752 Harbeson Road, Harbeson, DE 19951 US

PERMIT NUMBER: DE0000289
 DISCHARGE NUMBER: 003
 MONITORING PERIOD: FROM 2019 01 01 TO 2019 01 31

REPORT DESIGNATOR: A
 DATA ENTRY COMPLETE: 2/13/2019
 REPORT SUBMITTED BY: msauser1
 STATUS OF SUBMISSION: Submitted for Signature

#	PARAMETER	NBI	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
			AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
2/1	Total Nitrogen	C	-	-	-	-	-	-	01/30	Grab	
	Gross Effluent (00600)	-	No Monitoring Required	No Monitoring Required	-	No Monitoring Required	103	147	01/30	Grab	
2/2	Enterococcus	C	-	-	-	-	-	-	01/30	Grab	
	Gross Effluent (31639)	-	No Monitoring Required	No Monitoring Required	-	No Monitoring Required	185	185	01/30	Grab	

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

NAME/TITLE: Principal Executive Officer

Everett Brown Sr. Dir. of Ops

TYPED OR PRINTED

(ATTACH DIGITAL SIGNATURE RECEIPT FROM CROMERY)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

Michael Jando

TELEPHONE

302-359-1115

DATE

2019 02 13

NBI (its Data Indicator) Reasons: 0 - No Sample (Other); 9 - No Sample (Monitoring Not Required this Monitoring Period); B - Not Detected; C - No Sample (No Discharge)

DMREC DISCHARGE MONITORING REPORT - DMRT (EPA FORM 3320-1 (Rev. 10-96) USED AS TEMPLATE), 2016.

PRINTED: 2/13/2019 4:38 AM PAGE 6 OF 6

Submission Receipt

Copy of Record: 42132 Confirmation ID: m201921342132

Site: Allen Harim Foods LLC

Site ID: DE0000299

Submission: Discharge Monitoring Report for DE0000299 Allen Harim Foods LLC
Outfall: 003, January, 2019

File Name: 20191-1729-60711484

File Type: .pdf

Report: DMR

Status: Signed

Hash of Data Document:

64617ff512899a2530e3479a786a956d728527402fca1b5fc81e968a988fcd8

Data Entry Completed: 2/13/2019
4:38 AM

By: Michael Sause (msause1)

E-Mail of Submitter:
michael.sause@allenharimllc.com

From: 199.255.184.58

Signed: 2/13/2019 4:39 AM

By: Michael Sause (msause1)

E-Mail of Signator:
michael.sause@allenharimllc.com

From: 199.255.184.58

Token Used When Signed: vkfy6z2T/vFRvm++nPv55YqYgb7gfiM+V/bOZlp/awYU=



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

QA/QC Completed

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267834 Matrix: Waste Water Sample Start: 1/3/19 0:00
 Description: Site: 001 Sample End: 1/4/19 0:00
 Type: Composite Date Received: 1/4/19 13:30



Metals

Aluminum	mg/L	0.167	1/10/19 11:35	JMW	EPA 200.8
Metals Digestion for AA		Completed	1/8/19 9:55	JMW	EPA 200.2

Nutrient

Ammonia as N	mg/L	0.11	1/11/19 12:59	JMW	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	15.7	1/11/19 14:51	JMW	SM4500-NO3-H
Total Kjeldahl Nitrogen	mg/L	1.16	1/15/19 13:27	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	16.9	1/16/19 16:29	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	1/15/19 15:53	CC	SM4500-P-F(w/Dig)

Oxygen Demand

BOD5	mg/L	<3.0	1/4/19 15:25	HJG3	SM5210-B
------	------	------	--------------	------	----------

Physical

Total Suspended Solids @103-105 C	mg/L	3.6	1/8/19 12:00	HJG3	SM2540-D
-----------------------------------	------	-----	--------------	------	----------

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 267835 Matrix: Waste Water Sample Start: 1/3/19 0:00
 Description: Duplicate of 267834 Site: 001 Sample End: 1/4/19 0:00
 Type: Composite Date Received: 1/4/19 13:30

Parameter	Unit	Result	Time/Date	By	Method
Metals					
Aluminum	mg/L	0.163	1/10/19 11:37	JMW	EPA 200.8
Metals Digestion for AA		Completed	1/8/19 9:55	JMW	EPA 200.2
Nutrient					
Ammonia as N	mg/L	0.09	1/11/19 12:59	JMW	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	15.7	1/11/19 14:51	JMW	SM4500-NO3-H
Total Kjeldahl Nitrogen	mg/L	1.12	1/15/19 13:27	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	16.8	1/16/19 16:29	ERB	Calc
Total Phosphorus as P	mg/L	<0.05	1/15/19 15:53	CC	SM4500-P-F(w/Dig)
Oxygen Demand					
BOD5	mg/L	3.0	1/4/19 15:25	HJG3	SM5210-B
Physical					
Total Suspended Solids @103-105 C	mg/L	3.2	1/8/19 12:00	HJG3	SM2540-D
QA/QC					
Aluminum (% Recovery)	% Rec.	96.7	1/10/19 11:37	JMW	EPA 200.8
Ammonia as N (% Recovery)	% Rec.	110.0	1/11/19 12:59	JMW	SM4500-NH3-G
Nitrate+Nitrite as N (% Recovery)	% Rec.	97.4	1/11/19 14:51	JMW	SM4500-NO3-H
Total Kjeldahl Nitrogen (% Recovery)	% Rec.	95.8	1/15/19 13:27	CC	SM4500-Norg-C
Total Phosphorus as P (% Recovery)	% Rec.	97.9	1/15/19 15:53	CC	SM4500-P-F(w/Dig)

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

QA/QC Completed

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 267836 Matrix: Waste Water Sample Start: 1/4/19 10:20
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/4/19 13:30



Biological

Fecal Enterococcus Enterolert	#/100 mls	<1.0	1/4/19 15:00	MJM	Enterolert
-------------------------------	-----------	------	--------------	-----	------------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 267837	Matrix: Waste Water	Sample Start: 1/4/19 10:20
Description: Duplicate of 267836	Site: 001	Sample End:
Type: Grab		Date Received: 1/4/19 13:30



Biological

Fecal Enterococcus Enterolert	#/100 mls	<1.0	1/4/19 15:00	MJM	Enterolert
-------------------------------	-----------	------	--------------	-----	------------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

QA/QC Completed

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 267838 Matrix: Waste Water Sample Start: 1/3/19 7:00
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/4/19 13:30

Parameter	Unit	Result	Analysis	By	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/8/19 15:00	MJM	EPA 1664A
--------------	------	------	--------------	-----	-----------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 267839	Matrix: Waste Water	Sample Start: 1/3/19 7:00
Description: Duplicate of 267838	Site: 001	SampleEnd:
Type: Grab		Date Received: 1/4/19 13:30



Organic Compounds

Oil & Grease	mg/L	<5.0	1/8/19 15:00	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 267840 Matrix: Waste Water Sample Start: 1/3/19 11:00
Description: Grab 2 Site: 001 Sample End:
Type: Grab Date Received: 1/4/19 13:30

Parameter	Unit	Result	Analysis Date	Lab	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/8/19 15:00	MJM	EPA 1664A
--------------	------	------	--------------	-----	-----------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 267841	Matrix: Waste Water	Sample Start: 1/3/19 15:00
Description: Grab 3	Site: 001	Sample End:
Type: Grab		Date Received: 1/4/19 13:30

Parameter	Unit	Result	Sample Date	Lab	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/8/19 15:00	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit

ENVIROCORP, INC. CHAIN OF CUSTODY REPORT

Allen Foods - Harbeson
Michael Sause - 302-359-1975

Monthly - in duplicate where noted
Dawn Baulbee
SAMPLERS SIGNATURE

COLLECTION				PRESERVED			
LAB I.D.	TIME	DATE	DESCRIPTION	YES	NO	ANALYSES	
017834	0000 0000 0000	01-03-19 01-04-19	001 Composite		Ice	BOD, TSS, TN	
	0000 0000	01-03-19 01-04-19		H2S04		TP, NH3, TKN, NO3O2	
	0000 0000	01-03-19 01-04-19		HNO3		AI	
017835	0000 0000	01-03-19 01-04-19	001 Composite - Duplicate		Ice	BOD, TSS, TN	
	0000 0000	01-03-19 01-04-19		H2S04		TP, NH3, TKN, NO3O2	
	0000 0000	01-03-19 01-04-19		HNO3		AI	
017836	1020	1/4/19	001 Grab		Ice	FENT	
017837	1020	1/4/19	001 Grab - Duplicate		Ice	FENT	
017838	0700	01-03-19	Oil & Grease Grab #1	HCL		Oil & Grease	
017839	0700	01-03-19	Oil & Grease Grab - Duplicate	HCL		Oil & Grease	
017840	1100	01-03-19	Oil & Grease Grab #2	HCL		Oil & Grease	
017841	1500	01-03-19	Oil & Grease Grab #3	HCL		Oil & Grease	

RELINQUISHED BY		DATE	TIME	RECEIVED BY		COMMENTS
<i>Christ</i>		1/4/19	1020	<i>[Signature]</i>		
<i>[Signature]</i>		1/4/19	1430	<i>[Signature]</i>		1419 1430



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 268175 Matrix: Waste Water Sample Start: 1/8/19 0:00
 Description: Site: 001 SampleEnd: 1/9/19 0:00
 Type: Composite Date Received: 1/9/19 14:45

Parameter	Unit	Result	Time/Date	Analyst	Method
Metals					
Aluminum	mg/L	0.194	1/16/19 12:02	JMW	EPA 200.8
Metals Digestion for AA		Completed	1/10/19 9:40	JMW	EPA 200.2
Nutrient					
Ammonia as N	mg/L	0.10	1/21/19 13:16	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	5.69	1/21/19 12:43	CC	SM4500-NO3-H
Total Kjeldahl Nitrogen	mg/L	1.26	1/23/19 12:43	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	6.95	1/23/19 16:26	RLF	Calc
Total Phosphorus as P	mg/L	0.06	1/23/19 14:53	CC	SM4500-P-F(w/Dig)
Oxygen Demand					
BOD5	mg/L	<3.0	1/10/19 11:16	HJG3	SM5210-B
Physical					
Total Suspended Solids @103-105 C	mg/L	4.4	1/10/19 18:30	HM	SM2540-D

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268176	Matrix: Waste Water	Sample Start: 1/9/19 13:26
Description:	Site: 001	SampleEnd:
Type: Grab		Date Received: 1/9/19 14:45



Biological

Fecal Enterococcus Enterolert	#/100 mls	2.0	1/9/19 15:50	RD	Enterolert
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268177	Matrix: Waste Water	Sample Start: 1/8/19 7:00
Description: Grab 1	Site: 001	SampleEnd:
Type: Grab		Date Received: 1/9/19 14:45



Organic Compounds

Oil & Grease	mg/L	<5.0	1/17/19 16:00	MJM	EPA 1664A
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ND = Not Detected * = Above Specified Limit ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268178	Matrix: Waste Water	Sample Start: 1/8/19 11:00
Description: Grab 2	Site: 001	SampleEnd:
Type: Grab		Date Received: 1/9/19 14:45



Organic Compounds

Oil & Grease	mg/L	<5.0	1/17/19 16:00	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268179	Matrix: Waste Water	Sample Start: 1/8/19 15:00
Description: Grab 3	Site: 001	SampleEnd:
Type: Grab		Date Received: 1/9/19 14:45



Organic Compounds

Oil & Grease	mg/L	<5.0	1/17/19 16:00	MJM	EPA 1664A
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ND = Not Detected * = Above Specified Limit ** = Above Client Limit

ENVIROCORP, INC. CHAIN OF CUSTODY REPORT

Allen Foods - Harbeson
Michael Sause -- 302-359-1975

Weekly

David Pauline
SAMPLER'S SIGNATURE

COLLECTION				PRESERVED		
LAB I.D.	TIME	DATE	DESCRIPTION	YES	NO	ANALYSES
208175	0000 0000 0000	1-8-19 1-9-19 1-8-19	001 Composite		Ice	BOD, TSS, TN IP, NH3, TKN, NO3O2
	0000 0000	1-8-19 1-9-19		HNO3		AL
208176	13:26	1-9-19	001 Grab		Ice	FENT
208177	1200	1-8-19	Oil & Grease Grab #1	HCL		Oil & Grease
208178	1100	1-8-19	Oil & Grease Grab #2	HCL		Oil & Grease
208179	1500	1-8-19	Oil & Grease Grab #3	HCL		Oil & Grease

RELINQUISHED BY	DATE	TIME	RECEIVED BY	COMMENTS
ML	1-9-19	13:29	GBURNS	1-9-19 KHS

EI Labs Cooler Temperature 5.8 °C



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 268520 Matrix: Waste Water Sample Start: 1/15/19 0:00
 Description: Site: 001 Sample End: 1/16/19 0:00
 Type: Composite Date Received: 1/16/19 11:59

Parameter	Unit	Result	Analysis Date	By	Method
Metals					
Aluminum	mg/L	0.137	1/24/19 12:40	JMW	EPA 200.8
Metals Digestion for AA		Completed	1/22/19 10:05	JMW	EPA 200.2
Nutrient					
Ammonia as N	mg/L	0.19	1/23/19 12:55	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	15.5	1/23/19 15:15	CC	SM4500-NO3-H
Total Kjeldahl Nitrogen	mg/L	1.09	1/29/19 15:48	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	16.6	1/30/19 11:12	SLB	Calc
Total Phosphorus as P	mg/L	<0.05	1/29/19 14:52	CC	SM4500-P-F(w/Dig)
Oxygen Demand					
BOD5	mg/L	<3.0	1/17/19 13:36	JMW	SM5210-B
Physical					
Total Suspended Solids @103-105 C	mg/L	2.4	1/21/19 17:00	HM	SM2540-D

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268521 Matrix: Waste Water Sample Start: 1/16/19 11:59
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/16/19 11:59

Parameter	Units	Results	Analyst	by	Method
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Biological

Fecal Enterococcus Enterolert	#/100 mls	2.0	1/16/19 15:20	MJM	Enterolert
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268522	Matrix: Waste Water	Sample Start: 1/15/19 7:00
Description: Grab 1	Site: 001	Sample End:
Type: Grab		Date Received: 1/16/19 11:59



Organic Compounds

Oil & Grease	mg/L	<5.0	1/24/19 12:30	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268623 Matrix: Waste Water Sample Start: 1/15/19 11:00
Description: Grab 2 Site: 001 Sample End:
Type: Grab Date Received: 1/16/19 11:59

Parameter	Unit	Result	Method	By	Reference
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/24/19 12:30	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID:	268524	Matrix:	Waste Water	Sample Start:	1/15/19 15:00
Description:	Grab 3	Site:	001	Sample End:	
Type:	Grab			Date Received:	1/16/19 11:59



Organic Compounds

Oil & Grease	mg/L	<5.0	1/24/19 12:30	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit

ENVIROCORP, INC. CHAIN OF CUSTODY REPORT

Allen Foods - Harbeson
Michael Sause - 302-359-1975

Weekly

Dawn Bowler
SAMPLER'S SIGNATURE

LAB I.D.	TIME	DATE	DESCRIPTION	PRESERVED		ANALYSES
				YES	NO	
008520	0000 0000 0000	01-15-19 01-16-19	001 Composite		Ice	<u>BOD, TSS, TN</u>
	0000 0000	01-15-19 01-16-19				<u>TP, NH3, TKN, NO3O2</u>
	0000 0000	01-15-19 01-16-19				<u>Al</u>
008521	11:59	1-16-19	001 Grab		Ice	FENT
008522	0700	01/15/19	Oil & Grease Grab #1	HCL		Oil & Grease
008523	11:00	01/15/19	Oil & Grease Grab #2	HCL		Oil & Grease
008524	15:00	01/15/19	Oil & Grease Grab #3	HCL		Oil & Grease

RELINQUISHED BY	DATE	TIME	RECEIVED BY	COMMENTS
ML	1-16-19	11:59	<u>DBRND</u>	16-19 1331

EI Labs Cooler Temperature 4.3 °C



51 Clark St. Harrington, DE 19952
 PH: 302.398.4313 FX: 302.398.4312
 ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
 P.O. Box 277
 Harbeson, DE 19951
 Attention: Michael Sause

Lab ID: 268822 Matrix: Waste Water Sample Start: 1/22/19 0:00
 Description: Site: 001 Sample End: 1/23/19 0:00
 Type: Composite Date Received: 1/23/19 9:50

Parameter	Unit	Result	Analyzed	By	Method
Metals					
Aluminum	mg/L	0.351	1/25/19 11:48	JMW	EPA 200.8
Metals Digestion for AA		Completed	1/24/19 9:10	JMW	EPA 200.2
Nutrient					
Ammonia as N	mg/L	0.07	1/31/19 12:34	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	15.9	1/31/19 12:45	CC	SM4500-NO3-H
Total Kjeldahl Nitrogen	mg/L	1.33	1/31/19 14:50	CC	SM4500-Norg-C
Total Nitrogen as N	mg/L	17.2	2/1/19 9:39	RLF	Calc
Total Phosphorus as P	mg/L	<0.05	1/31/19 14:39	CC	SM4500-P-F(w/Dig)
Oxygen Demand					
BOD5	mg/L	3.2	1/23/19 14:32	ML	SM5210-B
Physical					
Total Suspended Solids @103-105 C	mg/L	8.0	1/25/19 10:13	HM	SM2540-D

ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268823 Matrix: Waste Water Sample Start: 1/23/19 9:50
Description: Site: 001 SampleEnd:
Type: Grab Date Received: 1/23/19 9:50

Parameter	Unit	Result	Method	Lab	Method
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Biological

Fecal Enterococcus Enterolert	#/100 mls	<1.0	1/23/19 14:40	RD	Enterolert
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268824 Matrix: Waste Water Sample Start: 1/22/19 7:00
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/23/19 9:50

Parameter	Unit	Result	Method	CV	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/24/19 12:30	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952
PH: 302.398.4313 FX: 302.398.4312
ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson
P.O. Box 277
Harbeson, DE 19951
Attention: Michael Sause

Lab ID: 268825 Matrix: Waste Water Sample Start: 1/22/19 11:00
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/23/19 9:50

Parameter	Unit	Result	Time	Lab	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/24/19 12:30	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 268826 Matrix: Waste Water Sample Start: 1/22/19 15:00
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/23/19 9:50

Parameter	Unit	Result	Analysis Date	Analyst	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/24/19 12:30	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit

ENVIROCORP, INC. CHAIN OF CUSTODY REPORT

Allen Foods - Harbeson
Michael Sause - 302-359-1975

Weekly

Down Bunker
SAMPLER'S SIGNATURE

COLLECTION				PRESERVED			
LAB I.D.	TIME	DATE	DESCRIPTION	YES	NO	ANALYSES	
08882	0000	1-22-19	001 Composite		Ice	BOD, TSS, TN	
	0000	1-22-19				TP, NH3, TKN, NO3O2	
	0000	1-22-19		HNO3		AI	
	0000	1-23-19					
08883	0952	1/23/19	001 Grab		Ice	FENT	
08884	0700	1-22-19	Oil & Grease Grab #1	HCL		Oil & Grease	
08885	1100	1-22-19	Oil & Grease Grab #2	HCL		Oil & Grease	
08886	1500	1-22-19	Oil & Grease Grab #3	HCL		Oil & Grease	

RELINQUISHED BY	DATE	TIME	RECEIVED BY	COMMENTS
<i>Alt. MFA</i>	1/23/19	0952	<i>[Signature]</i>	
<i>[Signature]</i>	1/23/19	1100	<i>[Signature]</i>	1/23/19 1100

EI Labs Cooler Temperature 3.7 °C



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 269179	Matrix: Waste Water	Sample Start: 1/29/19 0:00
Description:	Site: 001	Sample End: 1/30/19 0:00
Type: Composite		Date Received: 1/30/19 10:50

Parameter	Unit	Result	Time/Date	By	Method
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Metals

Aluminum	mg/L	0.246	2/6/19 12:35	JMW	EPA 200.8
Metals Digestion for AA		Completed	1/31/19 9:00	JMW	EPA 200.2

Nutrient

Ammonia as N	mg/L	0.07	2/6/19 13:55	CC	SM4500-NH3-G
Nitrate+Nitrite as N	mg/L	21.6	2/6/19 13:33	CC	SM4500-NO3-H
Total Kjeldahl Nitrogen	mg/L	1.40	2/8/19 14:18	JMW	SM4500-Norg-C
Total Nitrogen as N	mg/L	23.0	2/11/19 13:59	SLB	Calc
Total Phosphorus as P	mg/L	0.09	2/8/19 13:48	JMW	SM4500-P-F(w/Dig)

Oxygen Demand

BOD5	mg/L	<2.4	1/30/19 11:40	HJG3	SM5210-B
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Physical

Total Suspended Solids @103-105 C	mg/L	6.0	2/1/19 10:10	HM	SM2540-D
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ND = Not Detected
 * = Above Specified Limit
 ** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 269180	Matrix: Waste Water	Sample Start: 1/30/19 10:50
Description:	Site: 001	SampleEnd:
Type: Grab		Date Received: 1/30/19 10:50

Parameter	Unit	Result	Analysis	Lab	Method
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Biological

Fecal Enterococcus Enterolert	#/100 ml	1.0	1/30/19 12:35	HJG3	Enterolert
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 269181 Matrix: Waste Water Sample Start: 1/29/19 7:00
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/30/19 10:50

Parameter	Unit	Result	Analysis	By	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/31/19 15:00	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 269182 Matrix: Waste Water Sample Start: 1/29/19 11:00
Description: Site: 001 SampleEnd:
Type: Grab Date Received: 1/30/19 10:50



Organic Compounds

Oil & Grease	mg/L	<5.0	1/31/19 15:00	MJM	EPA 1664A
--------------	------	------	---------------	-----	-----------

ND = Not Detected
* = Above Specified Limit
** = Above Client Limit



51 Clark St. Harrington, DE 19952

PH: 302.398.4313 FX: 302.398.4312

ANALYTICAL SERVICES: NPDES, RCRA, GROUND WATER MONITORING

ANALYTICAL RESULTS

Allen Harim Foods, LLC - Harbeson

P.O. Box 277

Harbeson, DE 19951

Attention: Michael Sause

Lab ID: 269183 Matrix: Waste Water Sample Start: 1/29/19 15:00
Description: Site: 001 Sample End:
Type: Grab Date Received: 1/30/19 10:50

Parameter	Unit	Result	Sample Date	By	Method
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Organic Compounds

Oil & Grease	mg/L	<5.0	1/31/19 15:00	MJM	EPA 1664A
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ND = Not Detected
* = Above Specified Limit
** = Above Client Limit

ENVIROCORP, INC.
CHAIN OF CUSTODY REPORT

Allen Foods - Harbeson
Michael Sause - 302-359-1975

Weekly

Dawn Bowler
SAMPLER'S SIGNATURE

LAB I.D.	TIME	DATE	DESCRIPTION	PRESERVED		ANALYSES
				YES	NO	
2009179	0600 0000	1-29-19 1-30-19	001 Composite		Ice	BOD, ISS, TN
	0000 0000	1-29-19 1-30-19				TP, NH3, TKN, NO302
	0600 0000	1-29-19 1-30-19		HNO3		Al
2009180	10:50	1-30-19	001 Grab		Ice	FENT
2009181	0700	1-29-19	Oil & Grease Grab #1	HCL		Oil & Grease
2009182	1100	1-29-19	Oil & Grease Grab #2	HCL		Oil & Grease
2009183	1500	1-29-19	Oil & Grease Grab #3	HCL		Oil & Grease

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	COMMENTS
ML	1-30-19	10:50	<i>Michael Sause</i>	1-30-19	1:50	ISS

EI Labs Cooler Temperature 1.5 °C