Bi-Annual Report

Source Reduction Activities

Source Reduction Activity

Clemens continues to work to building the Hatfield North project. This project should help reduce the TDS long term.

Also During this Bi-Annual reporting period Clemens work included implementing a source reduction activity in the Casing Room. The activity was to improve the dry clean-up process. This activity will directly reduce the salt entering the wastewater stream. This practice is in place and is ongoing and now daily prevents an average of 250 lbs of salt from being flushed down the drain. The prior practice was to wash waste salt down the drain. The new practice is to sweep and shovel the waste salt. The Salt is then removed with the other plant trash. This extra dry clean-up increased team member clean –up time by an average of 20 minutes per day.

Total cost to Clemens during this period for this sources reduction activity.

Increased Disposal Costs

Salt 250 lb/ day X 5 days per week = 1250 Lbs / week

Six months (26 weeks) X 1,250 Lbs / week = 32,500 lbs or 16.25 tons

Increased disposal cost 16.25 tons X $76.72 / ton =$1,246.70 over the reporting period.

Increase Labor Hours

20 Minutes per day or 0.33 hrs X $25 per hr = $8.33 per day or $41.67 per week

Six months (26 weeks) X$41.67 per week = $1083.33 over the reporting period.

Total cost in reporting period $1,246.70 + $1083.33 = $2,330.03

$2,330.03 / 6 months = $388.34 per month

This $388.34 per month will be an ongoing cost to Clemens Food Group.

Date	TDS
5/3/2017	4531
5/11/2017	5322
5/18/2017	4784
5/25/2017	3877
6/1/2017	4325
6/8/2017	4710
6/15/2017	4746
6/22/2017	4998
6/29/2017	5233
7/6/2017	5201
7/13/2017	5134
7/20/2017	5009
7/27/2017	5499
8/3/2017	5201
8/10/2017	5082
8/17/2017	5418
8/24/2017	4996
8/31/2017	4851
9/7/2017	4145
9/14/2017	4535
9/21/2017	5132
9/28/2017	4952
10/5/2017	5319
10/12/2017	4077
10/19/2017	4832
10/26/2017	4450
11/2/2017	4728
11/9/2017	4986
11/16/2017	4734
11/22/2017	4968
12/7/2017	5214
12/14/2017	5218
12/21/2017	4007
12/28/2017	4501
1/4/2018	5230
1/11/2018	4251
1/18/2018	4438
1/25/2018	4470
2/1/2018	4490

Weekly TDS Results

May	4628.5
June	4802.4
july	5210.75
August	5109.6
September	4691
October	4669.5
November	4854
Dec	4735
Jan	4597.25

2/8/2018	4833	Feb.	5007.5
2/15/2018	4981		
2/22/2018	5726		
3/1/2018	6547		
3/9/2018	5468	March	5651.4
3/15/2018	5237		
3/22/2018	5924		
3/29/2018	5081		
4/5/2018	5150	April	5449.75
4/12/2018	5519		
4/19/2018	5780		
4/26/2018	5350		
5/3/2018	5308		
5/10/2018	5800	May	5237.6
5/17/2018	5400		
5/24/2018	4996		
5/31/2018	4684		
6/7/2018	5568	June	5465
6/14/2018	5140		
6/21/2018	5296		
6/28/2018	5856		
7/6/2018	6664	July	5681
7/12/2018	5332		
7/20/2018	5248		
7/26/2018	5480		
8/2/2018	5752	August	4337
8/9/2018	5676		
8/16/2018	5068		
8/24/2018	4100		
8/30/2018	1089		
9/6/2018	4404	September	4081
9/13/2018	3896		
9/20/2018	4080		
9/24/2018	3944		
10/4/2018	3672	October	4299
10/11/2018	4268		
10/18/2018	4172		
10/25/2018	5084		
11/1/2018	4777	November	4699.4
11/8/2018	4556		
11/15/2018	4852		
11/21/2018	4332		
11/29/2018	4980		
12/6/2018	4593	December	4178

12/13/2018	4097		
12/20/2018	4322		
12/27/2018	3700		
1/3/2019	3968	January	4347
1/10/2019	4112		
1/17/2019	4044		
1/24/2019	4440		
1/31/2019	4792		
2/7/2019	5076	Feb.	4812
2/14/2019	5020		
2/21/2019	4512		
2/28/2019	4640		
3/7/2019	4532	March	5027
3/14/2019	5128		
3/21/2019	5224		
3/28/2019	5224		
4/4/2019	5436	April	5498
4/11/2019	6352		
4/18/2019	5104		
4/25/2019	5100		
5/2/2019	4576		
5/9/2019	4844	May	4858.4
5/16/2019	5080		
5/23/2019	5304		
5/30/2019	4488		
6/6/2019	5200	June	5036
6/13/2019	4864		
6/20/2019	4764		
6/27/2019	5316		
7/5/2019	4360	July	4722.5
7/11/2019	4980		
7/18/2019	4870		
7/25/2019	4680		
8/1/2019	5050	August	4816
8/8/2019	5190		
8/16/2019	4590		
8/22/2019	4410		
8/29/2019	4840		