

Bay Restoration Fund AquaKlear Monitoring Results and Analysis

AquaKlear

Project Address	Sample Date	Effluent TN	* Percent Reduction
Project 1	09-Jun-15	8.8	85.33%
Project 1	24-Apr-15	50	16.67%
Project 1	01-Oct-15	18.4	69.33%
Project 1	18-Dec-15	61.4	-2.33%
Project 2	21-Apr-15	31.7	47.17%
Project 2	02-Jun-15	36	40.00%
Project 2	24-Sep-15	10.5	82.50%
Project 2	16-Dec-15	69.8	-16.33%
Project 3	02-Jun-15	18.8	68.67%
Project 3	21-Apr-15	32.7	45.50%
Project 3	24-Sep-15	0	100.00%
Project 3	16-Dec-15	31.5	47.50%
Project 4	06-May-15	30.4	49.33%
Project 4	03-Jun-15	34.4	42.67%
Project 4	25-Sep-15	7.2	88.00%
Project 4	15-Dec-15	15	75.00%
Project 5	13-May-15	25	58.33%
Project 5	04-Jun-15	9.8	83.67%
Project 5	01-Oct-15	15	75.00%
Project 5	17-Dec-15	28.4	52.67%
Project 6	06-May-15	24.4	59.33%
Project 6	04-Jun-15	22.6	62.33%
Project 6	25-Sep-15	29.6	50.67%
Project 6	15-Dec-15	21.6	64.00%
Project 7	02-Jun-15	26	56.67%
Project 7	22-Apr-15	43.2	28.00%
Project 7	23-Sep-15	10.7	82.17%
Project 7	16-Dec-15	45.1	24.83%
Project 8	04-Jun-15	9.9	83.50%
Project 8	05-May-15	17.2	71.33%
Project 8	23-Sep-15	15.8	73.67%
Project 8	07-Jan-16	14	76.67%
Project 9	24-Apr-15	25.9	56.83%
Project 9	04-Jun-15	7.1	88.17%
Project 9	30-Sep-15	30.9	48.50%
Project 9	17-Dec-15	66.4	-10.67%
Project 10	04-Jun-15	10.4	82.67%
Project 10	13-May-15	8.3	86.17%
Project 10	30-Sep-15	9.6	84.00%
Project 10	07-Jan-15	46.8	22.00%
Project 11	29-May-15	15.4	74.33%
Project 11	28-Apr-15	7.8	87.00%
Project 11	29-Sep-15	22.8	62.00%
Project 11	18-Dec-15	22.4	62.67%
Project 12	29-May-15	76.9	-28.17%
Project 12	28-Apr-15	9.6	84.00%
Project 12	29-Sep-15	58.6	2.33%
Project 12	18-Dec-15	84.9	-41.50%

* Influent TN concentration assumed at 60mg/L

Mean Percent Reduction = 54.21%
 Mean Total Nitrogen Effluent = 27.47