

Wekweeti Annual Report

5. Surveillance Network Program Data

5a - Station Number 001-2: Sewage effluent at the outflow of the sewage lagoon to the wetland

Parameters	2010		2011				2012			
	07-Sep-10	14-Oct-10	15-Jun-11	09-Sep-11		29-Sep-11				
Suspended Solids (mg/L)	126	36	58	102		<3				
Max. Av. Conc.	240	240	240	240	240	240				
Oil & Grease (mg/L)		5	22.3	18		18.4				
Max. Av. Conc.	5	5	5	5	5	5				
BOD5 (mg/L)		38	135	57		<2				
Max. Av. Conc.	260	260	260	260	260	260				
Fecal Coliforms (CFU/100ml)	48000	83000	41000	13600		1				
Max. Av. Conc.	1000000	1000000	1000000	1000000	1000000	1000000				
pH	6.67	6.86	7.35	8.2		7.09				
Min	6	6	6	6	6	6				
Max	9	9	9	9	9	9				
Total Mercury (ug/L)	<0.01	<0.01	0.02	0.02		<0.01				
Max. Av. Conc.	n/a	n/a	n/a	n/a	n/a	n/a				
Ammonia (mg/L)	3.94	14.3	0.01	6.95		0.02				
Max. Av. Conc.	n/a	n/a	n/a	n/a	n/a	n/a				

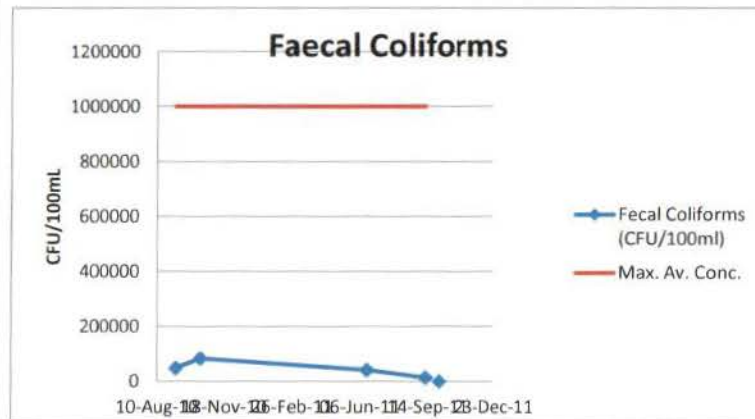
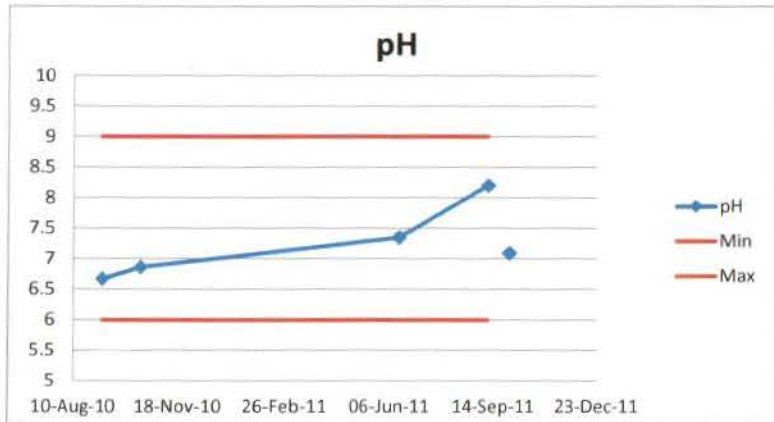
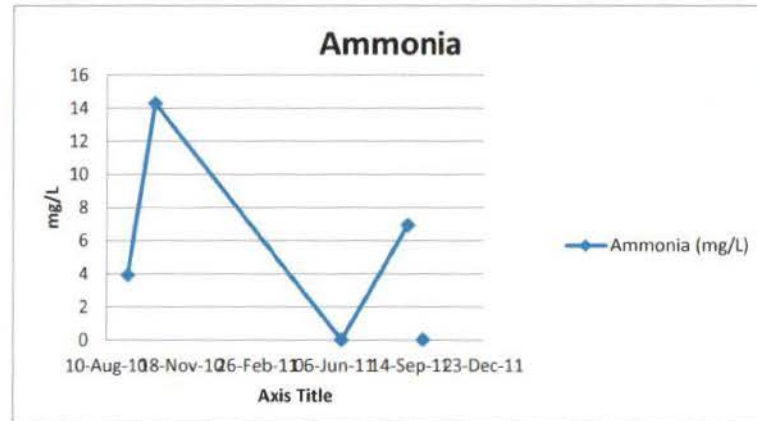
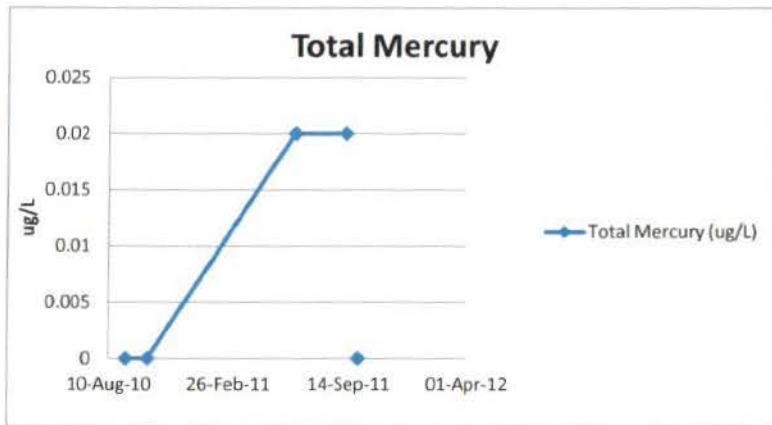
5b - Station Number 001-3: Snare Lake at Outflow of the Wetland

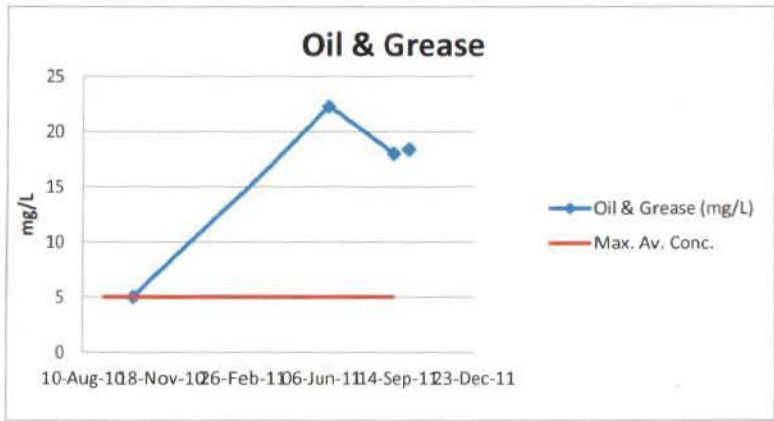
Parameters	2010		2011				2012			
	07-Sep-10	14-Oct-10	June 14-2011	09-Sep-11	29-Sep-11					
Suspended Solids (mg/L)	3	3	4	<3	16					
Max. Av. Conc.	25	25	25	25	25	25				
Oil & Grease (mg/L)		2	<2.0	<2.0	9.3					
Max. Av. Conc.	5	5	5	5	5	5				
BOD5 (mg/L)		2	<2	<2	11					
Max. Av. Conc.	25	25	25	25	25	25				
Fecal Coliforms (CFU/100ml)	1	3	<1	3	TNTC					
Max. Av. Conc.	1000000	1000000	1000000	1000000	1000000	1000000				
pH	6.85	7.01	6.92	7.15	7.6					

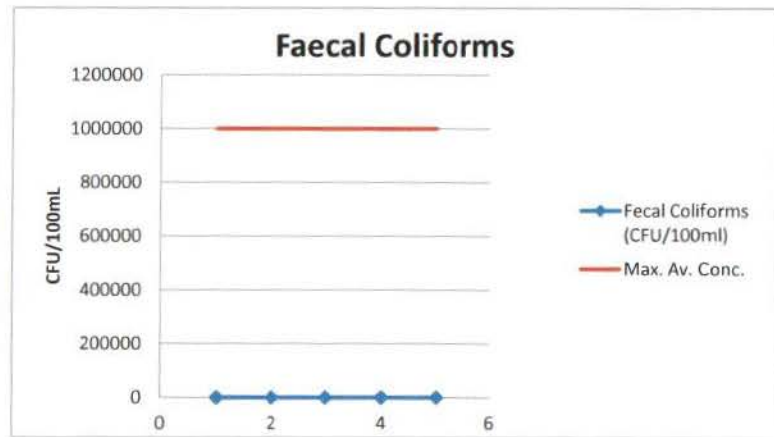
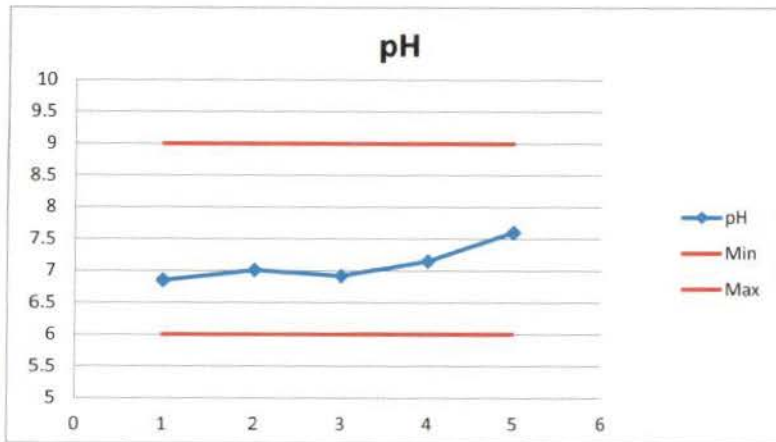
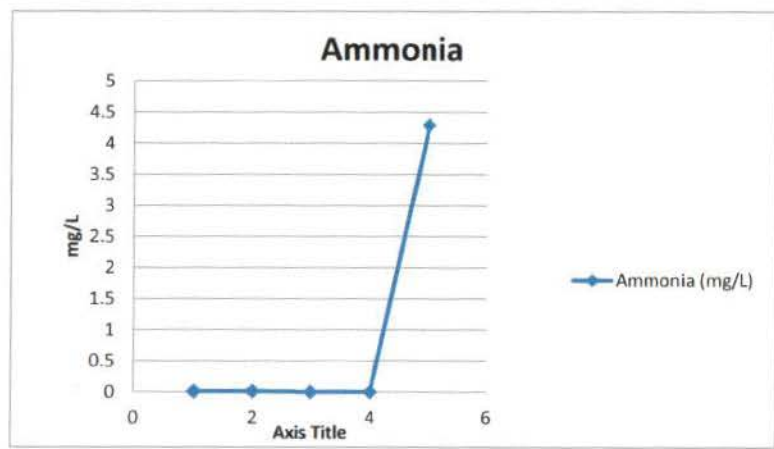
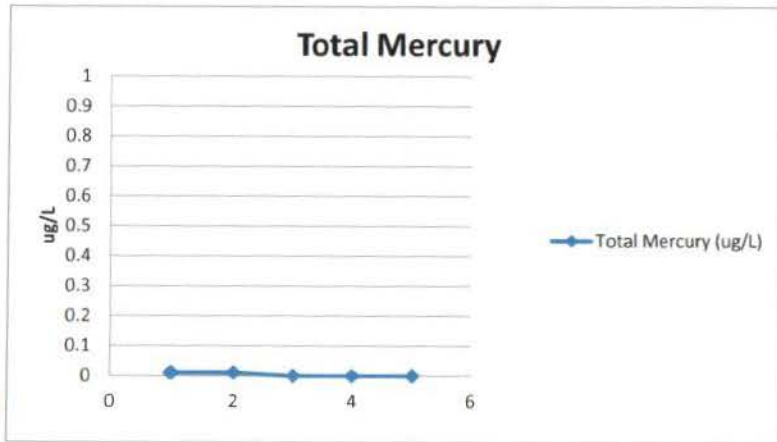
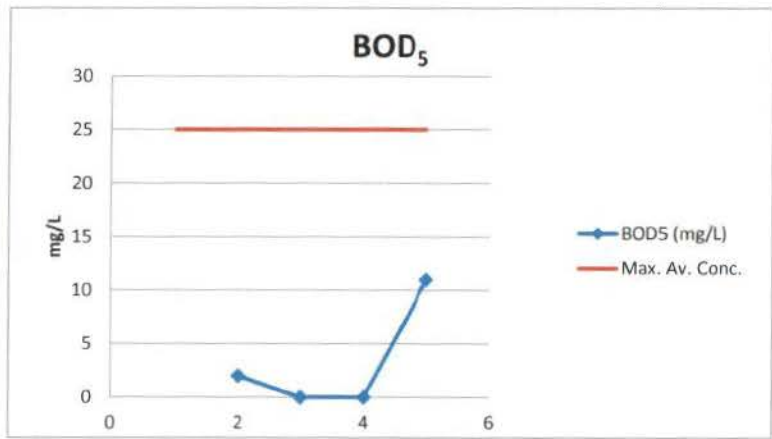
Min	6	6	6	6	6	6			
Max	9	9	9	9	9	9			
Total Mercury (ug/L)	0.01	0.01	<0.01	<0.01	<0.01				
Max. Av. Conc.	n/a	n/a	n/a	n/a	n/a	n/a			
Ammonia (mg/L)	0.01	0.01	<0.01	<0.01	4.29				
Max. Av. Conc.	n/a	n/a	n/a	n/a	n/a	n/a			

5c - Station Number 001-4: Runoff from domestic solid waste disposal site

Parameters	2010		2011			2012			
	07-Sep-10	14-Oct-10	14-Jun-11	09-Sep-11	29-Sep-11				
Where was sample collected? (Landfill or wetland)	NONE	Wetland	Wetland	NONE	NONE				
pH		6.98	6.9						
Total Mercury (ug/L)		0.01	<0.01						
Total Arsenic (ug/L)		0.3	<0.2						
Total Aluminum (ug/L)		110	22						
Total Barium (ug/L)		17.6	15.8						
Total Boron (ug/L)		49.3							
Total Cadmium (ug/L)		0.1	<0.1						
Total Chromium (ug/L)		0.9	0.1						
Total Copper (ug/L)		1.3	1.2						
Total Iron (ug/L)		999	76						
Total Lead (ug/L)		0.2	<0.1						
Total Manganese (ug/L)		7.3	3.7						
Total Molybdenum (ug/L)		0.2	<0.1						
Total Nickel (ug/L)		0.9	0.7						
Total Selenium (ug/L)		0.5	<0.5						
Total Strontium (ug/L)		63.4	60.2						
Total Uranium (ug/L)		0.2	<0.1						
Total Zinc (ug/L)		5	<5						
Suspended Solids (mg/L)		6	<3						







Oil & Grease

