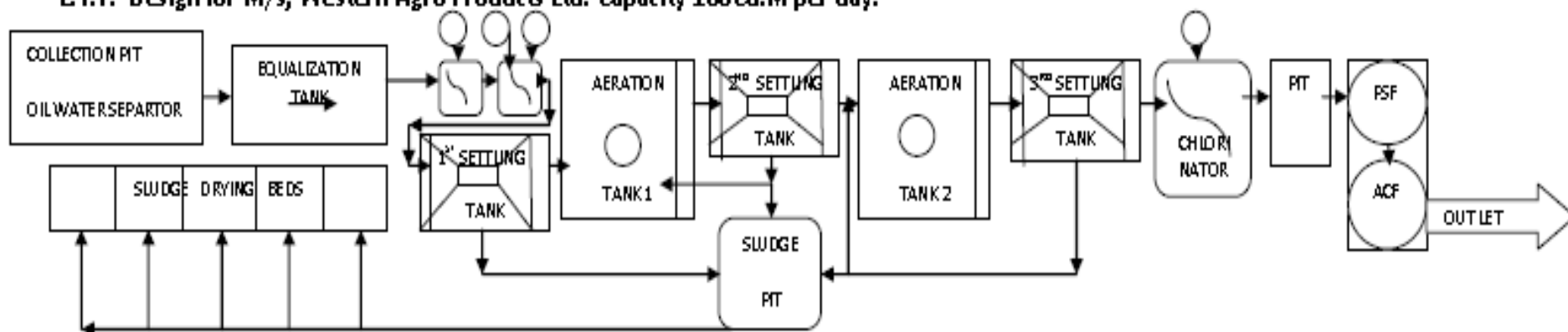


Effluent Treatment Plant.

Western Agro Products Limited.
Amboil, Sherpur, Bogra,
Bangladesh.

Process Flow Block Diagram.

E.T.P. Design for M/s, Western Agro Products Ltd. Capacity 100Cu.M per day.



	Equalization Tank	1st settling	Aeration 1	2nd Settling	Aeration 2	3rd Settling	Final Outlet
PARAMETERS							
pH	4 to 10	7 to 8	7 to 8	7 to 8	7 to 8	7 to 8	7.5 to 8.5
T.S.S. in mg / L	1000	150	#	150	#	150	>100
B.O.D. in mg / L	1300	1100	#	165	#	25	>25
C.O.D. in mg / L	2300	600	#	300	#	150	>150
Oil & Grease in mg / L	50	10	#	10	#	10	>10
H.R.T.	28 Hrs	10 Hrs	50 Hrs	12 Hrs	24 Hrs	12 Hrs	

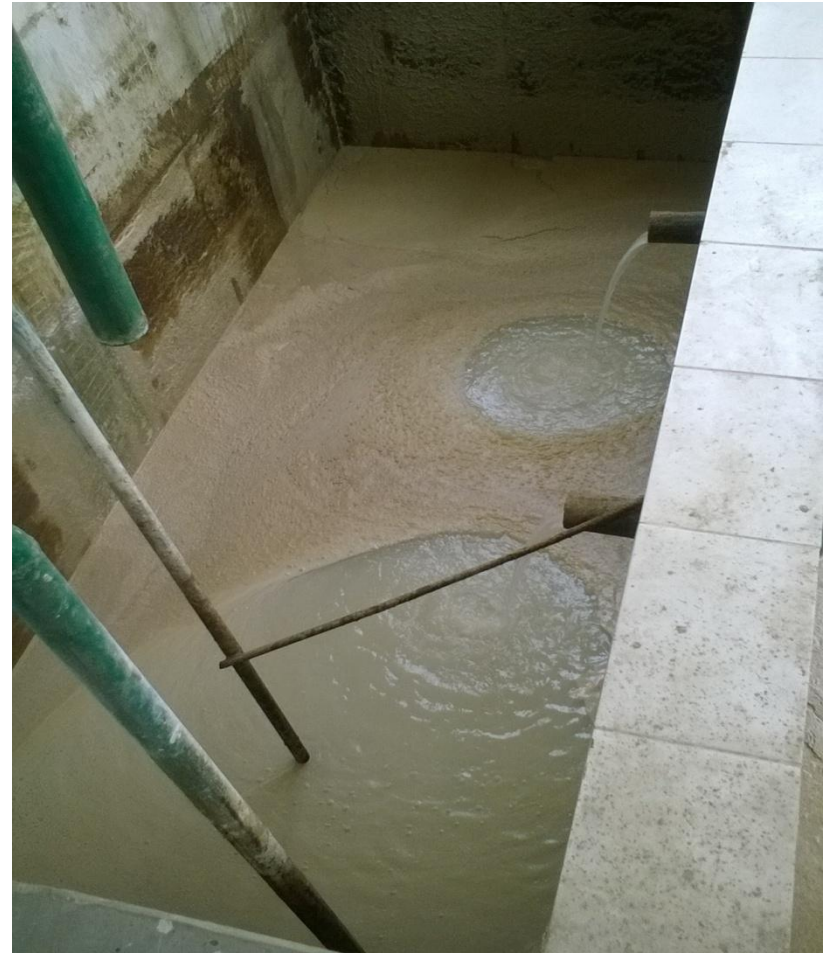
Pre-Primary treatment of effluent from RBO refinery unit.



Pre-Primary Treatment of effluent from SEP unit.



Equalization Tank



Continuous Chemical Mixing unit



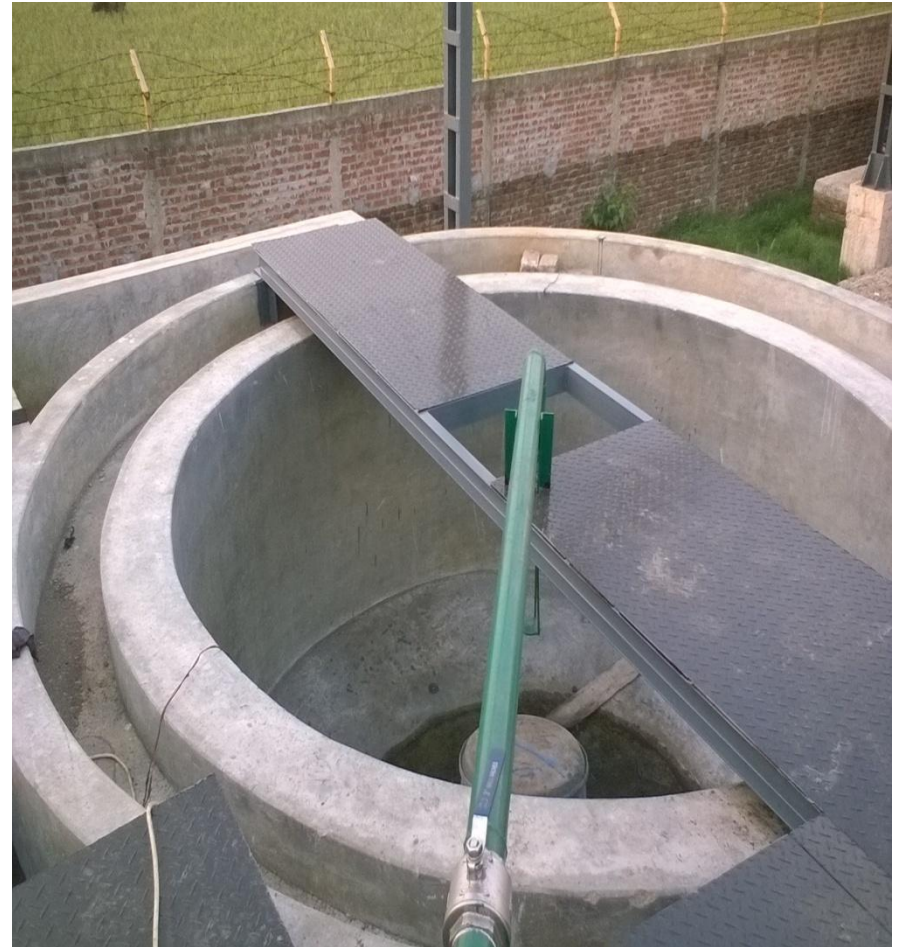
Primary Clarifier / Settling tank.



Aeration Tank 1.



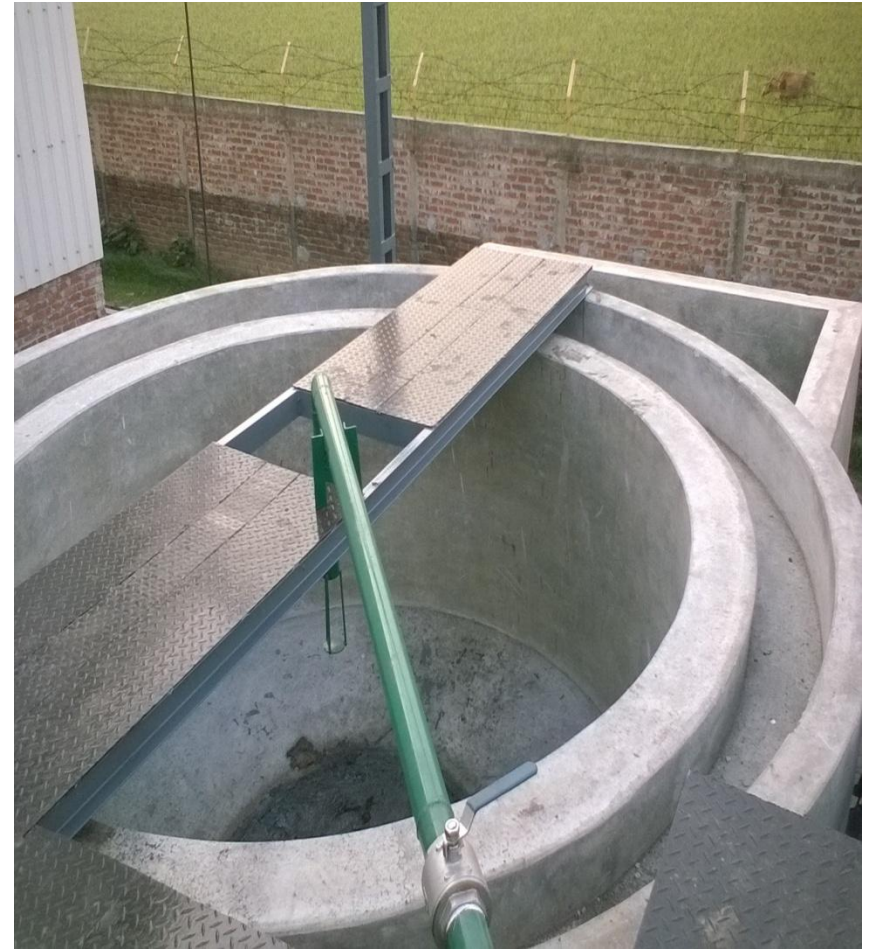
Secondary Clarifier / Settling tank.



Aeration tank 2.



Tertiary Clarifier / Settling tank.



D.M.F. & A.C.F.



Top View of E.T.P.



Ultrafiltration Unit

Target-

To become zero discharge plant.

ULTRAFILTRATION



THE ZERO DISCHARGE UNIT

