

Korat Pilot Project under Kitakyushu Initiative

Feature

Lumtakong, Only one cannel in Nakhonratchasima Municipality, about 9 Km flow pass the city. The past we used some water in the cannel for consumed but now a lot of house that connect with lumtakong drain wastewater into cannel directly. It made the cannel face of water pollution. So Nakhonratchasima Municipality and our network awe about this problem and try to solve by contain this problem into Healthy city Project and Local Agenda 21 Project and Kitakyushu Initiative support some budget to get activities in Lumtakong cannel.



Activities

1. Build 12 low-cost water treatment plants in communities.
2. People awareness activities every 2 month: Cleaning the Cannel
3. Promote People awareness activities to Public: Local Newspaper, Local Magazine and Local Radio

Schedule

October 2002-September 2003

Budget

1. ESCAP 5000
2. Karat Municipality 5000
3. IGES 5000







**Water Quality inlet and outlet @ 17 Feb 2003
By Sanitary Engineering Division**

Parameter	779/1Payaptis point	785Payaptis point	779/3Payaptis point	789/1Payaptis point	779/5Payaptis point	647/2Payaptis point	779/4Payaptis point	779Payaptis point	779/6Payaptis point	461/3Payaptis point	647/3Payaptis point	769/3Payaptis point
Time	16.00	16.30	09.00	09.30	09.45	11.00	11.20	11.45	13.25	13.50	14.00	14.30
Air Temp c	28	29	28	28	28	28	28	29	28	29	29	29
Water Temp	26	26	26	25	26	26	26	26	26	27	26	26
PH	5.9	5.8	6.1	6.3	5.8	6.0	6.0	5.9	5.9	5.9	6.0	5.9
BOD in	102	96	105	92	96	93	94	87	92	130	97	98
BOD out	63	60	68	56	61	46	50	48	66	75	65	63

**Water Quality inlet and outlet @ 10 August2003
By Sanitary Engineering Division**

Parameter	779/1Payaptis point	785Payaptis point	779/3Payaptis point	789/1Payaptis point	779/5Payaptis point	647/2Payaptis point	779/4Payaptis point	779Payaptis point	779/6Payaptis point	461/3Payaptis point	647/3Payaptis point	769/3Payaptis point
Time	09.00	09.30	09.45	10.00	10.15	10.30	10.45	11.00	11.15	11.30	11.45	14.30
Air Temp c	34	35	35	35	35	35	34	35	34	34	35	35
Water Temp	30	31	31	31	31	31	31	30	31	31	31	31
PH	6	6.1	6.1	6.3	6	5.9	5.9	5.8	6.1	6	6.1	6.2
BOD in	93	90	91	102	96	97	100	95	99	91	95	92
BOD out	50	52	59	66	61	63	68	60	69	59	63	55

**Water Quality inlet and outlet @ 20 September2003
By Sanitary Engineering Division**

Parameter	779/1Payaptis point	785Payaptis point	779/3Payaptis point	789/1Payaptis point	779/5Payaptis point	647/2Payaptis point	779/4Payaptis point	779Payaptis point	779/6Payaptis point	461/3Payaptis point	647/3Payaptis point	769/3Payaptis point
Time	09.00	09.30	09.45	10.00	10.15	10.30	10.45	11.00	11.15	11.30	11.45	14.30
Air Temp c	32	33	32	32	32	32	32	33	32	33	33	33
Water Temp	29	29	29	30	29	29	29	29	29	28	29	29
PH	6	5.9	5.9	5.9	6	5.9	5.9	5.8	6.1	6.3	5.8	6
BOD in	94	87	92	130	97	98	102	96	105	92	96	93
BOD out	50	48	66	75	65	63	63	60	68	56	61	46