

CHAPTER 7.

PROPOSAL FOR MODIFIED OPERATION OF SIRIKIT RESERVOIR



CHAPTER 7. PROPOSAL FOR MODIFIED OPERATION OF SIRIKIT RESERVOIR

The Chapter 7 of the Supporting Report contains the following tables to provide more information regarding "7.4 Sample Operation of the Sirikit Reservoir" of the Main Report;

7.4 Sample Operation of the Sirikit Reservoir

Table 7.4.1 Sirikit Dam Outflow during Wet Season.....	7.2
Table 7.4.2 Nan River Runoff at N7 Station during Wet Season.....	7.3
Table 7.4.3 Water Diverted from Nan River at Naresuan Barrage during Wet Season.....	7.4
Table 7.4.4 Nan River Runoff at the River End during Wet Season.....	7.5
Table 7.4.5 Sideflow of Nan River Downstream of Sirikit Reservoir during Wet Season.....	7.6
Table 7.4.6 Result of Sirikit Reservoir Operation (Sample Operation).....	7.7

Table 7.4.1 Sirikit Dam Outflow during Wet Season

(Unit : MCM)

Year	Jun	Jul	Aug	Sep	Oct	Nov	Total
1974	373.8	607.6	680.1	489.1	415.9	295.3	2,861.8
1975	350.0	599.2	728.5	709.2	640.8	494.4	3,522.1
1976	814.1	625.8	623.2	476.4	449.5	443.4	3,432.4
1977	732.2	723.4	737.4	268.0	301.9	527.4	3,290.3
1978	302.1	311.2	206.4	286.3	292.8	276.2	1,675.0
1979	458.8	553.9	673.4	417.8	469.5	519.2	3,092.6
1980	188.1	192.4	138.3	286.9	305.5	206.0	1,317.2
1981	737.6	429.9	1,061.7	536.3	418.4	527.7	3,711.6
1982	265.3	470.8	656.5	199.6	215.5	339.8	2,147.5
1983	287.5	524.7	328.2	111.3	42.0	60.0	1,353.7
1984	263.9	345.2	602.4	708.8	228.1	517.9	2,666.3
1985	299.5	270.3	193.0	223.6	64.3	113.5	1,164.2
1986	681.6	555.2	397.2	303.3	422.6	668.4	3,028.3
1987	266.2	452.5	303.7	118.3	72.0	189.8	1,402.5
1988	63.5	147.5	118.3	180.3	140.7	171.8	822.1
1989	143.6	168.0	430.8	475.5	202.9	341.0	1,761.8
1990	374.8	410.9	411.9	430.6	322.1	321.4	2,271.7
1991	149.9	331.8	312.8	59.9	181.7	261.0	1,297.1
1992	118.9	118.5	25.7	58.0	40.1	207.9	569.1
1993	293.5	427.5	735.4	260.9	125.5	458.4	2,301.2
1994	30.2	14.5	101.7	302.4	160.0	446.2	1,055.0
1995	472.6	268.1	823.3	1,177.4	753.6	526.7	4,021.7
1996	738.0	646.0	734.0	359.0	213.0	374.0	3,064.0
1997	410.0	446.0	332.0	178.0	199.0	463.0	2,028.0
1998	226.0	157.0	335.0				
Average	367.3	401.7	473.2	359.0	278.2	364.6	2,244.1
Max.	814.1	723.4	1,061.7	1,177.4	753.6	668.4	4,021.7
Min.	30.2	14.5	25.7	58.0	40.1	60.0	569.1
1986-95	259.5	289.5	366.1	336.7	242.1	359.3	1,853.1

Table 7.4.2 Nan River Runoff at N7 Station during Wet Season

(Unit : MCM)

Year	Jun	Jul	Aug	Sep	Oct	Nov	Total
1974	469.0	670.0	1,403.0	1,263.0	851.0	861.0	5,517.0
1975	790.0	1,090.0	1,664.0	3,379.0	2,638.0	1,034.0	10,595.0
1976	918.0	783.0	1,358.0	2,206.0	2,330.0	1,221.0	8,816.0
1977	780.0	862.0	1,111.0	2,087.0	1,052.0	722.0	6,614.0
1978	391.1	1,356.4	1,924.8	1,952.0	2,553.0	851.2	9,028.5
1979	984.3	765.3	1,164.6	1,149.8	813.0	687.5	5,564.5
1980	658.0	976.0	1,645.0	3,137.0	1,862.0	590.0	8,868.0
1981	1,084.1	1,463.3	2,835.3	1,464.9	922.3	862.7	8,632.6
1982	472.8	564.3	843.7	1,515.1	1,340.6	791.4	5,527.9
1983	471.4	598.5	805.1	1,223.4	1,170.5	826.5	5,095.4
1984	847.9	615.8	859.3	1,589.9	1,416.5	902.7	6,232.1
1985	523.7	806.0	924.8	1,187.4	1,397.4	1,550.1	6,389.4
1986	1,173.6	937.7	834.2	969.0	408.3	667.3	4,990.1
1987	428.9	332.6	719.1	938.9	984.9	396.8	3,801.2
1988	365.2	499.4	570.2	425.8	641.0	318.0	2,819.6
1989	880.7	430.4	352.9	692.6	396.3	332.4	3,085.3
1990	1,502.9	879.9	633.4	1,302.2	711.8	425.6	5,455.8
1991	320.7	302.8	933.2	1,114.9	616.0	331.6	3,619.2
1992	99.1	137.1	713.9	571.6	583.4	278.5	2,383.6
1993	529.6	420.7	696.3	1,139.4	300.1	408.5	3,494.6
1994	1,434.7	912.7	1,573.4	2,838.1	1,244.8	567.8	8,571.5
1995	774.0	678.0	2,599.0	4,141.0	3,132.0	1,299.0	12,623.0
Average	722.7	731.0	1,189.3	1,649.5	1,243.9	723.9	6,260.2
Max.	1,502.9	1,463.3	2,835.3	4,141.0	3,132.0	1,550.1	12,623.0
Min.	99.1	137.1	352.9	425.8	300.1	278.5	2,383.6
1986-95	750.9	553.1	962.6	1,413.4	901.9	502.6	5,084.4

Table 7.4.3 Water Diverted from Nan River at Naresuan Barrage during Wet Season

(Unit : MCM)

Year	Jun	Jul	Aug	Sep	Oct	Nov	Total
1974	-	-	-	-	-	-	-
1975	-	-	-	-	-	-	-
1976	-	-	-	-	-	-	-
1977	-	-	-	-	-	-	-
1978	-	-	-	-	-	-	-
1979	-	-	-	-	-	-	-
1980	-	-	-	-	-	-	-
1981	-	-	-	-	-	-	-
1982	4.4	40.6	86.3	94.1	92.7	39.5	357.6
1983	14.6	82.9	96.7	78.7	89.2	24.3	386.4
1984	0.0	52.4	125.4	133.9	121.6	55.7	489.0
1985	0.0	28.2	82.4	103.2	83.4	56.8	354.0
1986	6.7	60.7	151.8	181.3	204.9	125.5	730.9
1987	26.6	111.0	114.7	182.1	174.4	77.9	686.7
1988	0.9	96.3	158.5	170.1	173.7	118.2	717.7
1989	1.4	44.8	158.8	188.9	162.8	125.1	681.8
1990	0.0	41.6	173.5	194.9	201.7	111.7	723.4
1991	3.6	15.2	88.4	156.6	161.0	126.4	551.2
1992	16.0	0.0	49.9	84.6	116.4	111.8	378.7
1993	9.5	84.6	147.6	129.8	97.5	81.7	550.7
1994	0.0	7.9	123.9	74.7	121.6	85.0	413.1
1995	0.0	40.5	52.4	2.1	12.4	12.7	120.1
1996	4.8	49.4	140.2	99.9	91.7	37.2	423.2
1997	6.1	123.4	112.2	128.8	124.8	90.2	585.5
1998	0.0	11.0					11.0
Average	5.9	55.0	116.4	125.2	126.9	80.0	509.4
Max.	26.6	123.4	173.5	194.9	204.9	126.4	730.9
Min.	0.0	0.0	49.9	2.1	12.4	12.7	120.1
1986-95	6.5	50.3	122.0	136.5	142.6	97.6	555.4

Table 7.4.4 Nan River Runoff at the River End during Wet Season

(Unit : MCM)

Year	Jun	Jul	Aug	Sep	Oct	Nov	Total
1974	552.3	789.0	1,652.1	1,487.3	1,002.1	1,013.9	6,496.7
1975	930.3	1,283.6	1,959.5	3,979.0	3,106.5	1,217.6	12,476.5
1976	1,081.0	922.0	1,599.2	2,597.7	2,743.8	1,437.8	10,381.5
1977	918.5	1,015.1	1,308.3	2,457.6	1,238.8	850.2	7,788.5
1978	460.6	1,597.3	2,266.6	2,298.6	3,006.4	1,002.4	10,631.8
1979	1,159.1	901.2	1,371.4	1,354.0	957.4	809.6	6,552.6
1980	774.8	1,149.3	1,937.1	3,694.1	2,192.7	694.8	10,442.8
1981	1,276.6	1,723.2	3,338.8	1,725.0	1,086.1	1,015.9	10,165.6
1982	556.8	664.5	993.5	1,784.2	1,578.7	931.9	6,509.5
1983	555.1	704.8	948.1	1,440.7	1,378.4	973.3	6,000.2
1984	998.5	725.2	1,011.9	1,872.2	1,668.0	1,063.0	7,338.8
1985	616.7	949.1	1,089.0	1,398.3	1,645.6	1,825.4	7,524.0
1986	1,382.0	1,104.2	982.3	1,141.1	480.8	785.8	5,876.2
1987	505.1	391.7	846.8	1,105.6	1,159.8	467.3	4,476.2
1988	430.1	588.1	671.5	501.4	754.8	374.5	3,320.3
1989	1,037.1	506.8	415.6	815.6	466.7	391.4	3,633.2
1990	1,769.8	1,036.2	745.9	1,533.4	838.2	501.2	6,424.6
1991	377.7	356.6	1,098.9	1,312.9	725.4	390.5	4,261.9
1992	116.7	161.4	840.7	673.1	687.0	328.0	2,806.9
1993	623.6	495.4	819.9	1,341.7	353.4	481.0	4,115.2
1994	1,689.5	1,074.8	1,852.8	3,342.1	1,465.9	668.6	10,093.6
1995	911.4	798.4	3,060.5	4,876.4	3,688.2	1,529.7	14,864.6
Average	851.1	860.8	1,400.5	1,942.4	1,464.7	852.4	7,371.9
Max.	1,769.8	1,723.2	3,338.8	4,876.4	3,688.2	1,825.4	14,864.6
Min.	116.7	161.4	415.6	501.4	353.4	328.0	2,806.9
1986-95	884.3	651.4	1,133.5	1,664.3	1,062.0	591.8	5,987.3

Table 7.4.5 Sideflow of Nan River downstream of Sirikit Reservoir during Wet Season

(Unit : MCM)

Year	Jun	Jul	Aug	Sep	Oct	Nov	Total
1974	178.5	181.4	972.0	998.2	586.2	718.6	3,634.9
1975	580.3	684.4	1,231.0	3,269.8	2,465.7	723.2	8,954.4
1976	266.9	296.2	976.0	2,121.3	2,294.3	994.4	6,949.1
1977	186.3	291.7	570.9	2,189.6	936.9	322.8	4,498.2
1978	158.5	1,286.1	2,060.2	2,012.3	2,713.6	726.2	8,956.8
1979	700.3	347.3	698.0	936.2	487.9	290.4	3,460.0
1980	586.7	956.9	1,798.8	3,407.2	1,887.2	488.8	9,125.6
1981	539.0	1,293.3	2,277.1	1,188.7	667.7	488.2	6,454.0
1982	295.9	234.3	423.3	1,678.7	1,455.9	631.6	4,719.6
1983	282.2	263.0	716.6	1,408.1	1,425.6	937.6	5,032.9
1984	734.6	432.4	534.9	1,297.3	1,561.5	600.8	5,161.5
1985	317.2	707.0	978.4	1,277.9	1,664.7	1,768.7	6,713.8
1986	707.1	609.7	736.9	1,019.1	263.1	242.9	3,578.8
1987	265.5	50.2	657.8	1,169.4	1,262.2	355.4	3,760.4
1988	367.5	536.9	711.7	491.2	787.8	320.9	3,215.9
1989	894.9	383.6	143.6	529.0	426.6	175.5	2,553.2
1990	1,395.0	666.9	507.5	1,297.7	717.8	291.5	4,876.3
1991	231.4	40.0	874.5	1,409.6	704.7	255.9	3,516.0
1992	13.8	42.9	864.9	699.7	763.3	231.9	2,616.5
1993	339.6	152.5	232.1	1,210.6	325.4	104.3	2,364.7
1994	1,659.3	1,068.2	1,875.0	3,114.4	1,427.5	307.4	9,451.7
1995	438.8	570.8	2,289.6	3,701.1	2,947.0	1,015.7	10,963.0
Average	506.3	504.3	1,005.9	1,655.8	1,262.4	545.1	5,479.9
Max	1,659.3	1,293.3	2,289.6	3,701.1	2,947.0	1,768.7	10,963.0
Min	13.8	40.0	143.6	491.2	263.1	104.3	2,364.7

1986-95	631.3	412.2	889.4	1,464.2	962.5	330.1	4,689.7
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Table 7.4.6 Result of Sirikit Reservoir Operation (Sample Operation)

	11	12	1	2	3	4	5	6	7	8	9	10	11
1974	9,238.3	8,772.3	7,819.4	6,617.0	5,597.5	5,136.8	5,074.1	5,536.1	6,221.3	8,726.8	9,510.0	9,510.0	9,329.4
1975	9,329.4	8,900.3	7,934.6	6,770.1	5,783.3	5,321.2	5,274.8	5,502.9	5,622.7	6,871.9	8,266.3	9,248.8	9,132.2
1976	9,132.2	8,725.7	7,787.7	6,584.6	5,598.6	5,214.5	5,251.9	5,223.1	5,297.5	6,141.9	7,046.9	7,390.8	7,193.2
1977	7,193.2	6,940.4	6,324.7	5,557.1	4,914.0	4,654.9	4,615.6	4,755.7	5,354.9	6,910.3	8,368.6	9,046.4	8,812.6
1978	8,812.6	8,386.6	7,509.8	6,432.9	5,565.7	5,186.8	5,246.6	5,586.4	5,485.3	6,395.7	6,925.5	7,161.0	6,827.2
1979	6,827.2	6,652.9	6,242.1	5,699.4	5,270.8	5,073.4	5,085.8	5,267.9	5,917.3	6,845.6	9,045.5	9,476.0	9,207.0
1980	9,207.0	8,735.3	7,739.6	6,487.0	5,461.6	4,998.3	5,181.2	5,385.8	7,732.7	9,180.4	9,510.0	9,510.0	9,329.7
1981	9,329.7	8,891.5	7,910.5	6,715.4	5,644.4	5,229.3	5,111.6	5,129.9	5,414.7	6,326.2	7,643.8	8,465.3	8,227.1
1982	8,227.1	7,815.1	6,924.9	5,830.5	4,907.0	4,516.2	4,539.1	4,541.6	4,705.3	5,799.5	7,006.8	7,860.8	7,696.8
1983	7,696.8	7,453.4	6,833.1	6,067.8	5,363.1	5,077.8	5,119.5	5,307.4	6,160.6	7,544.0	9,028.8	9,510.0	9,290.9
1984	9,290.9	8,835.5	7,850.7	6,637.4	5,557.4	5,093.6	5,058.9	5,091.4	5,260.7	7,018.7	7,960.3	8,286.6	8,139.1
1985	8,139.1	7,778.8	6,909.7	5,866.0	4,976.0	4,619.7	4,878.4	5,074.0	5,594.2	6,289.4	7,007.7	7,282.3	6,962.7
1986	6,962.7	6,691.0	6,019.8	5,169.2	4,502.5	4,210.5	4,153.9	4,121.1	3,854.6	4,664.3	5,165.6	5,470.6	5,204.4
1987	5,204.4	5,085.3	4,785.6	4,401.9	4,064.9	3,952.8	4,173.8	4,329.3	4,738.8	6,043.1	6,538.4	6,850.1	6,523.9
1988	6,523.9	6,353.2	5,923.1	5,415.9	4,951.8	4,734.2	4,898.0	4,941.6	5,173.6	5,844.4	6,644.9	7,035.8	6,715.8
1989	6,715.8	6,535.2	6,113.2	5,598.0	5,142.4	4,923.2	5,050.0	5,218.8	5,541.7	6,267.6	7,014.2	7,311.3	7,033.7
1990	7,033.7	6,733.5	6,075.1	5,244.3	4,523.8	4,219.0	4,294.1	4,366.0	4,307.8	4,979.6	5,689.5	6,004.2	5,683.2
1991	5,683.2	5,562.3	5,261.6	4,879.7	4,556.3	4,401.5	4,371.7	4,274.6	4,281.1	4,820.8	5,425.8	5,768.9	5,454.8
1992	5,454.8	5,394.5	5,106.1	4,705.7	4,395.2	4,263.5	4,299.7	4,314.2	4,696.7	5,184.1	5,702.0	5,927.5	5,572.9
1993	5,572.9	5,448.8	5,135.0	4,747.0	4,454.6	4,324.1	4,453.6	4,676.8	5,144.3	8,257.0	9,510.0	9,510.0	9,267.2
1994	9,267.2	8,858.7	7,862.2	6,637.4	5,566.1	5,058.9	4,965.6	4,980.2	5,587.3	8,702.6	9,510.0	9,510.0	9,510.0
1995	9,510.0	9,128.5	8,171.1	7,007.7	5,982.4	5,576.6	5,546.6	5,739.6	6,215.6	7,648.6	8,704.6	9,345.6	9,168.6
Average	7,743.3	7,439.9	6,738.2	5,866.9	5,126.3	4,808.5	4,847.5	4,971.1	5,377.7	6,657.4	7,601.1	7,976.5	7,740.1
U.R.C								5,850.0	7,000.0	8,850.0	9,250.0	9,450.0	9,510.0
L.R.C	5,200.0	5,100.0	4,750.0	4,350.0	4,050.0	3,950.0	3,850.0	3,850.0					

CHAPTER 8.

PROJECT WATER DIVERSION PLAN

CHAPTER 8. PROJECT WATER DIVERSION PLAN

The Chapter 8 of the Supporting Report contains the following tables and figures to provide more information regarding "8.2 Surplus Water in Kok and Ing Basins Available for Water Diversion" and "8.3 Optimum Diversion Capacity" of the Main Report;

8.2 Surplus Water in Kok and Ing Basins Available for Water Diversion

Table 8.2.1 Large/Medium Scale Irrigation Projects in the Kok Basin.....	8.2
Table 8.2.2 Small Scale Irrigation Projects In the Kok Basin.....	8.3
Table 8.2.3 DEDP Pump Irrigation Projects in the Kok Basin.....	8.6
Table 8.2.4 Water Resources Development Projects of the Office of Accelerated Rural Development in the Kok Basin.....	8.7
Table 8.2.5 Peoples Irrigation projects in the Kok Basin.....	8.8
Table 8.2.6 Border Self-Defense Village projects in the Kok Basin.....	8.11
Table 8.2.7 Large/Medium Scale Irrigation Projects in the Ing Basin.....	8.12
Table 8.2.8 Small Scale Irrigation Projects In the Ing Basin.....	8.14
Table 8.2.9 Border Self-Defense Village projects in the Ing Basin.....	8.22
Table 8.2.10 DEDP Pump Irrigation Projects in the Ing Basin.....	8.23
Table 8.2.11 Peoples Irrigation projects in the Ing Basin.....	8.24
Table 8.2.12 Large/Medium Scale Irrigation Projects in the Upper Nan Basin.....	8.25
Table 8.2.13 Small Scale Irrigation Projects In the Upper Nan Basin.....	8.26
Table 8.2.14 DEDP Pump Irrigation Projects in the Upper Nan Basin.....	8.31
Table 8.2.15 Border Self-Defense Village projects in the Upper Nan Basin.....	8.33

8.3 Optimum Diversion Capacity

Table 8.3.1 River Discharge Generation (Kok River).....	8.34
Table 8.3.2 River Discharge Generation (Ing River).....	8.35
Table 8.3.3 Average Monthly Discharge Diverted from Kok River.....	8.36
Table 8.3.4 Average Monthly Discharge Diverted from Ing River.....	8.36
Table 8.3.5 Average Monthly Discharge Passing through Ing-Yot Tunnel.....	8.37
Figure 8.3.1 Frequency of Discharge Passing through Ing-Yot Tunnel.....	8.38

Table 8.2.1 Large Scale and Medium Scale Irrigation Projects in Mae Kok River Basin

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)	
									Started	Completed
Regional Irrigation Office 1 (Chiang Mai)										
Chiang Mai										
1.	Mae Kha Noi Reservoir*	Chiang Mai	Fang	Mae Ngon	Mae Fang	SI	0.50	7,000	2538	2538
2.	Huai Mae Bon Weir*	Chiang Mai	Fang	Wiang	Mae Fang	I	-	4,000	2520	2520
3.	Wang Ma Lhod Weir	Chiang Mai	Fang	Mae Soon	Mae Fang	I	-	4,150	2528	2528
4.	Ton Lung Weir	Chiang Mai	Fang	Mae Soon	Mae Fang	I	-	5,200	2528	2528
5.	Ru Buan Weir	Chiang Mai	Fang	San Sai	Mae Fang	I	-	3,500	2530	2530
7.	Huai Chang Si Reservoir*	Chiang Mai	Mae Ai	Mae Na Wang	Mae Fang	SI	1.63	6,000	2537	2537
8.	Huai Muang Reservoir	Chiang Mai	Mae Ai	Mae Na Wang	Mae Fang	SI	1.60	6,000	2527	2527
9.	Mae Na Wang Reservoir	Chiang Mai	Mae Ai	Mae Na Wang	Mae Fang	SI	1.52	4,000	2534	2535
10.	Dike Improved 5/	Chiang Mai	Mae Ai	Mae Na Wang	Mae Fang	SI	-	5,000	2534	2535
11.	Kavila Weir and System*	Chiang Mai	Mae Ai	Mae Sao	Mae Fang	I	-	4,000	2520	2520
12.	San Ton Mu Weir	Chiang Mai	Mae Ai	San Ton Mu	Mae Fang	I	-	13,000	2528	2529
13.	Mae Laeng Weir No.2	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	4,000	2525	2525
15.	Nam Fang Weir No.3	Chiang Mai	K.A.Chai Prakarn	Pong Kham	Mae Fang	I	-	8,000	2529	2529
16.	Nam Fang Weir No.2	Chiang Mai	K.A.Chai Prakarn	Sri Dong Yen	Mae Fang	I	-	3,500	2524	2524
17.	Mae Tha Lop Laeng Weir No.6	Chiang Mai	K.A.Chai Prakarn	Mae Tha Lop	Mae Fang	I	-	6,000	2527	2527
Total								83,350		
Regional Irrigation Office 2 (Lampang)										
Chiang Rai										
1.	Huai Sak Reservoir*	Chiang Rai	Muang	Huai Sak	Mae Kok	SI	4.18	10,000	2528	2528
2.	Huai Mae Mon Reservoir*	Chiang Rai	Muang	Mae Korn	Mae Fang	SI	0.96	3,500	2532	2534
3.	Huai Maik Aik Reservoir*	Chiang Rai	Wiang Chai	Pa Sang	Mae Kok	C	0.99	3,500	2530	2530
4.	Nam Phu Drain Canal	Chiang Rai	Wiang Chai	Dong Ma Ha Wan	Mae Kok	C	-	10,000	2532	2533
5.	Huai Saen To Reservoir*	Chiang Rai	Phan	Than Thong	Mae Lao	SI	3.58	5,000	2530	2530
6.	Chao Worakarn Bancha Weir	Chiang Rai	Phan	Than Thong	Mae Lao	I	-	6,000	2525	2525
7.	Pong Nok Weir	Chiang Rai	Wiang Pa Pao	Hua Fai	Mae Lao	I	-	5,000	2524	2524
8.	Huai Mae Chang Khao Reservoir 4/	Chiang Rai	Wiang Pa Pao	Pa Ngiu	Mae Kok	I	5.05	8,825		
9.	Mae Huai Sak Weir 5/	Chiang Rai	Wiang Chai	Thung Ko	Mae Kok	I	-	3,300	2538	2538
10.	Huai San Weir	Chiang Rai	K.A. Mae Lao	Chom Mok Kae	Mae Sak	I	-	3,000	2540	2540
11.	Tua Regulator	Chiang Rai	Chiang Saen	Yo Nok	Mae Lao	I	-	5,700		
12.	Mae Ngam Head Regulator and Irrigation Canal Improvement	Chiang Rai	Muang	Mae Khao Tom			0.02	3,800	2540	2540
Total								67,625		
Total Kok Basin								150,975		

Remarks C = Storage in Canal and Flood Plain Area
S = Storage Dam or Reservoir
I = Diversion and Irrigation (Muang Fai)
* = King's Project

1/ Chiang Rai Weir Project Area about 22,000 rai is included in Chai Sombat Weir Project Area
2/ Existing Reservoir Project Improved
3/ Mini Hydropower Project
4/ ARD. Water Resources Development Project in Kok Basin
5/ Peoples Irrigation Project

Table 8.2.2 Small Scale Irrigation Projects In Mae Kok River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Map Scale 1:50,000		
									Started	Completed	Coordinate	Sheet	
Regional Irrigation Office 1 (Chiang Mai)													
Chiang Mai													
1.	Huai Phiang Din Reservoir*	Chiang Mai	Fang	Wiang	Mae Fang	SI	0.12	400	2522	2522	47 QNC	4848 IV	
2.	Nam Fang Dike	Chiang Mai	Fang	Wiang	Mae Fang	F	-	Domestic	2525	2525	47 QNC	4848 IV	
3.	Huai Bon Reservoir*	Chiang Mai	Fang	Wiang	Mae Fang	SI	1.70	2,000	2528	2528	47 QNC	4848 IV	
4.	Mae Hian*	Chiang Mai	Fang	Wiang	Mae Fang	SI	0.49	700	2532	2532	47 QNC 201-069	4848 IV	
5.	Doi Ang Khang King Project*	Chiang Mai	Fang	Mon Pin	Mae Fang	-	-	400	2524	2524	47 QNC 052-998	4848 IV	
6.	Ban Pa Kha Weir*	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	600	2525	2525	47 QNC 072-007	4848 IV	
7.	Ban Luang Weir*	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	300	2524	2524	47 QNC 060-977	4848 IV	
8.	Doi Ang Khang Reservoir*	Chiang Mai	Fang	Mon Pin	Mae Fang	-	-	300	2521	2522	47 QNC 052-006	4848 IV	
9.	Doi Ang Khang Weir 4 Station*	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	Domestic	2520	2520	No Map	4848 IV	
10.	Doi Ang Khang Storage Tank*	Chiang Mai	Fang	Mon Pin	Mae Fang	-	-	300	2523	2523	47 QNC 201-069	4848 IV	
11.	Ban Khop Dong Water Provide	Chiang Mai	Fang	Mon Pin	Mae Fang	-	0.20	200	2533	2534			
12.	Doi Ang Khang Weir 8 Station*	Chiang Mai	Fang	Wiang	Mae Fang	I	-	-	2524	2524	47 QNC 052-005	4848 IV	
13.	Huai Ngu Weir*	Chiang Mai	Fang	Wiang	Mae Fang	I	-	500	2521	2521	47 QNC 161-986	4848 IV	
14.	Ban Luang Weir (Huai Ngu)*	Chiang Mai	Fang	Wiang	Mae Fang	I	-	600	2524	2524	47 QNC 095-006	4848 IV	
15.	Ban Kha Weir and System*	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	600	2524	2525	47 QNC 111-029	4848 IV	
16.	Huai Ngu Weir 2 and System*	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	200	2527	2527	47 QNC 098-006	4848 II	
17.	Muang Chun Weir	Chiang Mai	Fang	Mae Ngon	Mae Fang	I	-	300	2520	2520			
18.	Thung Klang Weir	Chiang Mai	Fang	Mae Ngon	Mae Fang	I	-	800	2526	2526	47 QNB 124-909	4848 IV	
19.	Mae Kha Weir (Nam Fon no.4)	Chiang Mai	Fang	Mae Ngon	Mae Fang	I	-	2,100	2526	2526	47 QNB 178-878	4848 IV	
20.	Pang Sak Weir	Chiang Mai	Fang	Mae Soon	Mae Fang	I	-	3,000	2527	2527	47 QNB 188-936	4848 IV	
21.	Mae Soon Reservoir	Chiang Mai	Fang	Mae Soon	Mae Fang	SI	0.40	1,000	2533	2534	47 QNB 104-981	4848 IV	
22.	Lak Mun Weir	Chiang Mai	Fang	San Sai	Mae Fang	I	-	2,500	2522	2522	47 QNB 254-981	4848 IV	
23.	Huai Ngu Reservoir	Chiang Mai	Fang	San Sai	Mae Fang	SI	0.47	500	2533	2533	47 QNC 119-003	4848 IV	
24.	Huai Nom Nang Weir*	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	1,500	2520	2520			
25.	Huai Sala Weir 2 Station*	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	Domestic	2520	2520			
26.	Huai Sala Weir*	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	200	2520	2520			
27.	Mae Ngam Weir*	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	1,000	2520	2521	47 QNC 512-202	4848 II	
28.	Wang Din Reservoir*	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	SI	0.01	700	2522	2522	47 QNC 476-156	4848 II	
29.	Pong Chang Khot Weir	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	200	2532	2532	47 QNC 311-107	4848 I	
30.	Diversion Canal From Nam Mae Lao	Chiang Mai	Mae Ai	Mae Sao	Mae Fang	I	-	1,000	2520	2521	47 QNC 236-149	4849III	
31.	Mae Hang Weir (Left)*	Chiang Mai	Mae Ai	Mae Sao	Mae Fang	I	-	500	2520	2520			
32.	Mae Hang Weir (Right)*	Chiang Mai	Mae Ai	Mae Sao	Mae Fang	I	-	1,500	2520	2521	47 QNC 248-102	4845IV	
33.	Muang Nga Regulator	Chiang Mai	Mae Ai	San Ton Mu	Mae Fang	I	-	1,000	2522	2522	47 QNC 236-149	4849III	

Table 8.2.2 Small Scale Irrigation Projects In Mae Kok River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCMD)	Irrigation Area (Rai)	Construction Period (B.E.)		Map Scale 1:50,000	Sheet
									Started	Completed		
34.	Ban Wang Din Weir	Chiang Mai	Mae Ai	Mae Na Wang	Mae Fang	I	-	300	2526	2526	47 QNC 464-147	4849II
35.	Mae Muang Noi Weir	Chiang Mai	Mae Ai	Mae Na Wang	Mae Suai	I	-	1,000	2535	2535	47 QNB 450-135	4848IV
36.	Pa Daeng Weir	Chiang Mai	Mae Ai	Ban Luang	Mae Fang	I	-	706	2527	2527	47 QNB 310-994	4848I
37.	Ton Tong Weir	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	1,200	2536	2536		
37.	Pa Bong Kalela Weir	Chiang Mai	Mae Ai	Mae Sao	Mae Fang	I	-	1,500	2537	2537		
39.	Doi Ang Khang	Chiang Mai	Mae Ai	Mong Bin	Mae Fang	I	-	300	2517	2517		
40.	Ban Nam Yon Reservoir	Chiang Mai	Mae Ai	Tha Ton	Mae Kok	SI	0.13	600	2531	2532		
41.	Water Provision for Reforestation Project	Chiang Mai	K.A.Chai Prakarn	Nong Bua	Mae Fang	-	-	-	2537	2538		
42.	Mae Tha Lop Weir	Chiang Mai	K.A.Chai Prakarn	Pong Kham	Mae Fang	I	-	3,000	2525	2525	47 QNB 215-796	4848I
43.	Huai Bong Reservoir	Chiang Mai	K.A.Chai Prakarn	Pong Kham	Mae Fang	SI	0.33	500	2533	2533	47 QNB 112-849	4848IV
44.	Huai Pong Weir	Chiang Mai	K.A.Chai Prakarn	Pong Kham	Mae Fang	I	-	500	2522	2522	47 QMA 184-787	4848III
45.	Huai Bong Reservoir	Chiang Mai	K.A.Chai Prakarn	Sri Dong Yen	Mae Fang	SI	0.09	600	2524	2524	47 QNB 178-765	4748II
46.	Nong Khwai Tok Reservoir	Chiang Mai	K.A.Chai Prakarn	Sri Dong Yen	Mae Fang	SI	0.43	500	2524	2524	47 QNB 125-764	4848I
47.	Rong Than Weir	Chiang Mai	K.A.Chai Prakarn	Sri Dong Yen	Mae Fang	I	-	2,615	2527	2527	47 QNB 156-736	4848III
48.	Pong Kham Weir	Chiang Mai	K.A.Chai Prakarn	Pong Kham	Mae Fang	I	-	500	2536	2536		
49.	Huai Mhak Aiaik Weir	Chiang Mai	Fang	San Sai	Mae Fang	I	-	2,500	2538	2539		
50.	Nam Mae Ai Weir	Chiang Mai	Mae Ai	Mae Ai	Mae Fang	I	-	1,000	2539	2539		
51.	Huai Ngu Weir	Chiang Mai	Fang	San Sai	Mae Fang	I	-	1,000	2539	2539		
Total							4.37	43,221				
Regional Irrigation Office 2 (Lampang)												
Chiang Rai												
1.	Rang Rin Mae Nam Luang*	Chiang Rai	Muang	Rop Wiang	Mae Kok	I	-	500	2530	2530	NB	838-014
2.	Nong Kop Kaep Improved	Chiang Rai	Muang	Rop Wiang	Mae Kok	SI	-	500	2530	2530	NA	838-014
3.	Huai Pu Khao Reservoir	Chiang Rai	Muang	Dong Mada	Mae Fang	SI	0.85	1,500	2529	2529	NB	697-806
4.	Huai Khian Reservoir	Chiang Rai	Muang	Don Lan	Mae Fang	SI	0.94	1,900	2535	2535	NB	988-795
5.	Huai Ma Tun Reservoir	Chiang Rai	Muang	Dong Mada	Mae Fang	SI	0.92	500	2531	2531	NB	694-799
6.	Mae Korn Regulator	Chiang Rai	Muang	Mae Korn	Mae Fang	I	-	1,000	2526	2526	NB	721-925
7.	Huai San Phlub Phla Reservoir	Chiang Rai	Muang	Mae Korn	Mae Fang	SI	0.78	1,000	2527	2528	NB	677-907
8.	Nikhom Thahanphansuk Reservoir	Chiang Rai	Mae Chan	Tha Khao Sut	Mae Kok	SI	0.10	100	2528	2528	PC	108-317
9.	Ban San Kula-Mae Poon Luang*	Chiang Rai	Wiang Pa Pao	Wiang	Mae Lao	-	-	130	2527	2527	NB	358-376
10.	Phae Langka Weir	Chiang Rai	Wiang Pa Pao	Ban Pong	Mae Lao	I	-	1,000	2528	2529	NB	532-378
11.	Ban Pa Miang, Huai Pong, Huai Rip	Chiang Rai	Wiang Pa Pao	Mae Chedi Mai	Mae Lao	-	-	950	2529	2529		
12.	Huai Pong Luk Nok Weir 4*	Chiang Rai	Wiang Pa Pao	Mae Chedi Mai	Mae Lao	I	-	150	2531	2532		
13.	Huai San Yao Reservoir	Chiang Rai	Mae Suai	Mae Suai	Mae Lao	SI	0.20	2,000	2525	2525	NB	644-852
14.	Mae Ta Chang Weir	Chiang Rai	Mae Suai	Pa Daed	Mae Lao	I	-	2,000	2525	2525	NB	488-722

Table 8.2.2 Small Scale Irrigation Projects In Mae Kok River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCNM)	Irrigation Area (Rai)	Construction Period (B.E.)		Map Scale 1:50,000	Sheet
									Started	Completed		
15.	Mae Phrik Weir	Chiang Rai	Mae Suai	Mae Phrik	Mae Lao	I	-	2,000	2523	2523	NB	4948III
16.	Mae Ta Maeo Weir*	Chiang Rai	Mae Suai	Sri Thoi	Mae Lao	SI	1.09	2,000	2526	2526	NB	4948II
17.	Huai Moh Thao Reservoir*	Chiang Rai	Mae Suai	Sri Thoi	Mae Lao	SI	0.40	1,500	2527	2527	NB	4948III
18.	Tha Ko Reservoir	Chiang Rai	Mae Suai	Tha Ko	Mae Lao	SI	1.08	2,000	2523	2523	NB	4947IV
19.	Ban Mae Kham Regulator	Chiang Rai	Mae Suai	Tha Ko	Mae Lao	I	-	500	2523	2523	NB	4847I
20.	Rang Rin Ban Tha Ko	Chiang Rai	Mae Suai	Tha Ko	Mae Lao	I	-	200	2524	2524	NB	4847IV
21.	Huai Khi Lhek Weir*	Chiang Rai	Mae Suai	Wawee	Mae Fang	I	-	800	2524	2524	NB	4847IV
22.	Rong Khun Reservoir	Chiang Rai	Wiang Chai	Thung Ko	Mae Kok	SI	0.02	800	2526	2526	NB	5048IV
23.	Huai Hom Reservoir	Chiang Rai	Wiang Chai	Thung Ko	Mae Kok	SI	0.47	1,000	2527	2527	NB	5048IV
24.	Huai Hong Din Dam Reservoir	Chiang Rai	Wiang Chai	Thung Ko	Mae Kok	SI	1.13	2,300	2532	2532	NB	5048IV
25.	Huai Khi Lhek Reservoir	Chiang Rai	Wiang Chai	Pa Sang	Mae Kok	SI	0.23	600	2528	2529	PC	5049III
26.	Ban Wiang Kam Weir	Chiang Rai	Wiang Chai	Wiang	Mae Kok	F	-	Domestic	2530	2530	NB	5049I
27.	Nam Kok Dike+C97	Chiang Rai	Wiang Chai	Dong Maha Wan	Mae Kok	SI	0.26	500	2531	2531	NB	4948I
28.	Doi Ngem Reservoir	Chiang Rai	Muang	Nang Lae	Mae Kok	SI	0.53	2,000	2537	2537	NC	4949II
29.	Huai Moh Pla Reservoir	Chiang Rai	Wiang Chai	Pa Sang	Mae Kok	SI	-	-	2538	2538	PC	5049III
30.	Huai San Weir	Chiang Rai	Wiang Chai	Dong Maha Wan	Mae Kok	SI	0.26	500	2531	2531	NB	4948IV
31.	Kok Dike and Nam Phua Canal Dredging	Chiang Rai	Muang	Nang Lae	Mae Kok	SI	0.52	1,200	2537	2537		
32.	Mae Khao Tom Tha Sud Reservoir	Chiang Rai	Muang	Nang Lae	Mae Kok	SI	9.78	31,130	2538	2539		
Total							14.15	74,351				
Total Kok Basin												

Remarks S = Storage Dam or Reservoir

I = Diversion and Irrigation (Muang Fai)

C = Storage in Canal and Flood Plain Area

F = Flood Control

* = King's Project

Table 8.2.3 DEDP Pump Irrigation Projects in Mae Kok River Basin

No.	Project	Tambon	Amphoe	Basin	Stared	Completed	Project Area (Rai)	Irrigation Area (Rai)	Coordinate
Chiang Mai									
1.	Ban Huai Muang	Mae Ngon	Mae Fang	Mae Fang	2530	2531	5,800	1,990	
2.	Ban Khai Nai	Mae Na Wang	Mae Ai	Mae Fang	2530	2532	3,800	1,250	
3.	Ban Tha Ma Kaeng	Tha Ton	Mae Ai	Mae Kok	2532	2534	800	800	
4.	Ban Dong Lak Mun	Wiang	Mae Fang	Mae Fang	2533	2534	3,000	2,400	
1.	Ban Tha Ton	Tha Ton	Mae Ai	Mae Kok	2526	2537	2,500	1,290	
Total							15,900	7,730	
Chiang Rai									
1.	Ban Nam Lat	Rim Kok	Muang	Mae Kok	2524	2526	3,200	1,440	
2.	Ban Fang Mun	Rim Kok	Muang	Mae Kok	2524	2526	3,700	1,900	
3.	Ban Pa Ngui	Rop Wiang	Muang	Mae Kok	2524	2528	3,500	1,600	
4.	Ban Wang Khico		Mae Chan	Mae Kok	2528	2530	3,000	1,610	
5.	Ban Sai Ngam		Mae Chan	Mae Kok	2528	2530	3,000	1,590	
6.	Ban Farm	Rim Kok	Muang	Mae Kok	2530	2532	3,000	2,140	
7.	Ban Wiang Deom	Wiang Nua	Wiang Chai	Mae Kok	2530	2532	2,700	2,700	
8.	Ban Nong Wua Daeng	Mae Khao Tom	Muang	Mae Kok	2531	2533	3,000	1,200	
9.	Ban Mae Lao-Tha Sai	Tha Sai	Muang	Mae Lao	2532	2534	700	700	
10.	Thung Khun Chai	Wiang	Theong	Mae Lao	2535	2537	1,500	1,500	
11.	Huai Muang (Mae Phrik)	Mae Suai	Mae Suai	Mae Lao	2538	A	1,500	1,500	
Total (Chiang Rai) 10 Projects							27,300	16,380	
Under Construction 1 Projects							1,500	1,500	
Total (Kok Basin) 15 Projects							43,200	24,110	
Under Construction 1 Projects							1,500	1,500	

Remarks : A = Under Construction

Table 8.2.4 Water Resources Development Projects of The Office of Accelerated Rural Development in Mae Kok river Basin

New Code	Project	Location						Capacity (Cu.M.)	Benefit of Project	
		Moo.	Ban	Tambon	Amphoe	Sheet	Coordinate		Population	Irrigation Area (Rai)
C.R.21010	Huai Din Dam Weir	1	Din Dam	Tha Ko	Mae Suai	4948 III	537-588	60,000	1,460	1,500
C.R.21014	Huai Ao Weir	1	Huai Ao	Pa Daed	Mae Suai	4848 II	507-743	32,484	2,051	1,000
C.R.21015	Huai Ao Weir	9	Dong Nam Lom	Mae Yen	Phan	4947 IV	755-510	140,000	2,051	1,000
C.M.21021	Huai Ma Fuang Reservoir		Huai Ma Fuang	Tha Ton	Mae Ai	4849 II	360-179	54,000		750
C.M.21017	Nong Pa Sang Pond		Nong Pa Sang	Sri Dong Yen	K.A.Chai Prakarn	4848	182-795	17,324	205	615
C.M.21018	Nong Khiao Pond (Song Khwae)	7	Song Khwae	San Sai	Fang	4848	185-968	20,174		
C.M.21027	Ban Pa Daeng Pond		Pa Daeng	Mae Tha Lop	K.A.Chai Prakarn	4848	212-804	73,380	200	14
	Total							397,362	5,967	4,879

Table 8.2.5 Peoples Irrigation Projects in Mae Kok River Basin (cont'd)

No.	Project	Ban	Tambon	Amphoe	Basin	Storage Capacity (MCM)	Project Area (Rai)		Application System	Water Charge	Water User Group	Owner Agency
							Wet Season	Dry Season				
1	Chiang Mai R.C. Weir	Mae Si Lai	Sri Dong Yen	K.A.Chai Prakam	Mae Fang		360		H	N	H	Province
2	Huai Mae Pang weir	Tha	Pong Tan	K.A.Chai Prakam	Mae Fang		420		H	N	H	Province
3	Hu Pa Sang Weir	Ban Mae Chi	Sri Dong Yen	K.A.Chai Prakam	Mae Fang		640		H	N	H	Province
4	Hu Pa Sang Weir	Kis Champi	Sri Dong Yen	K.A.Chai Prakam	Mae Fang		270		H	N	H	Province
5	R.C. Weir	Pong	Pong Tan	K.A.Chai Prakam	Mae Fang		445		H	N	H	Province
6	R.C. Weir	Mae Chi	Sri Dong Yen	K.A.Chai Prakam	Mae Fang		315		H	N	H	Province
7	R.C. Weir (C.M.U.27)	Nong Pa Sang	Sri Dong Yen	K.A.Chai Prakam	Huai Pa Sang		570		H	N	H	Province
8	Chiang Man Weir No.1	Rong Than	Sri Dong Yen	K.A.Chai Prakam	Mae Fang		256		H	N	H	Province
9	Chiang Man Weir No.2	Chiang Man	Sri Dong Yen	K.A.Chai Prakam	Mae Fang		865		H	N	H	Province
10	Ban Mae Chi Weir No.3	Ban Pong	Pong Tan	K.A.Chai Prakam	Huai Bong		720		H	N	H	Province
11	Ban Mae Tha Lop Weir No.4	Mae Tha Lop	Mae Tha Lop	K.A.Chai Prakam	Huai Dua		335		H	N	H	Province
12	Ban Mae Tha Lop Weir No.5	Doi Lo	Mae Tha Lop	K.A.Chai Prakam	Huai Dua		470		H	N	H	Province
13	Huai Dua Weir No.5	Pong Tan	Pong Tan	K.A.Chai Prakam	Huai Dua		410		H	N	H	Province
14	Rong Weir	Tha	Pong Tan	K.A.Chai Prakam	Huai Bong		395		H	N	H	Province
15	Huai Ngu Reservoir	Huai Ngu Nai	Pong Tan	Fang	Huai Ngu	0.47	2,000		H	N	H	Province
16	Mae Soon Luang Reservoir	Mae Soon Noi	Mae soon	Fang	Mae Soon Noi	0.4	2,000		H	N	H	Province
17	Pracha Asa Ban Pong Nai Weir	Pong Nai	Wiang	Fang	Huai Pa Ngu		300		H	N	H	Province
18	Pond	Pa Daed	Wiang	Mae Ai			1,000		H	N	H	Province
19	Nong Ung Pond	San Pa Sa	Mae Na Wang	Mae Ai		0.01	300		H	N	H	Province
20	Pa Lon Pond	Ban Luang	Wiang	Mae Ai			360		H	N	H	Province
21	Pond	Ban Luang	Ban Luang	Mae Ai			250		H	N	H	Province
22	Pond	Pa Daed	Ban Luang	Mae Ai			320		N	N	H	Province
23	Pond	San Po Thong	Ban Luang	Mae Ai			150		N	N	H	Province
24	Weir	Huai Pu	San Ton Mu	Mae Ai			250		N	N	H	Province
25	Huai Di Mi Weir	San Khong	Tha Ton	Mae Ai			300		N	N	H	Province
26	Huai Muang Weir	Khai Nai	Mae Ai	Mae Ai			541		N	N	H	Province
27	Weir	Huai Muang	Mae Na Wang	Mae Ai			1,200		N	N	H	Province
28	Weir	Hang Tham	Mae Na Wang	Mae Ai			230		N	N	H	Province
29	Weir	Khai Nai	Mae Na Wang	Mae Ai			1,000		N	N	H	Province
30	Weir	Mae Muang	Mae Na Wang	Mae Ai			600		N	N	H	Province
31	Weir	Pa Daeng	Ban Luang	Mae Ai			800		N	N	H	Province
32	Weir	Pa Ko	Ban Luang	Mae Ai			200		N	N	H	Province
33	Muang Mae Waen Weir	San Hang	Ban Luang	Mae Ai			130		N	N	H	Province
34	Thung Ma Kan Weir	San Ton Mu	Ban Luang	Mae Ai			120		N	N	H	Province
35	Weir	San Ton Mu	San Ton Mu	Mae Ai			400		N	N	H	Province
36	Weir	San Ton Mu	San Ton Mu	Mae Ai			400		N	N	H	Province
37	Thung Khi Thiu Weir	San Ton Mu	San Ton Mu	Mae Ai			400		N	N	H	Province
38	R.C. weir	San Ton Mu	San Ton Mu	Mae Ai			400		N	N	H	Province
39	Muang Bon R.C. Weir	San Ton Mu	San Ton Mu	Mae Ai			400		N	N	H	Province
40	R.C. weir	San Ton Mu	San Ton Mu	Mae Ai			500		N	N	H	Province
41	Hong Ha Luang R.C. Weir	Hong Ha Noi	San Ton Mu	Mae Ai			165		N	N	H	Province
42	R.C. weir	Hong Ha Noi	San Ton Mu	Mae Ai			165		N	N	H	Province

Table 8.2.5 Peoples Irrigation Projects in Mae Kok River Basin (cont'd)

No.	Project	Ban	Tambon	Amphoe	Basin	Storage Capacity (MCM)	Project Area (Rai)		Application System	Water Charge	Water User Group	Owner Agency
							Wet Season	Dry Season				
43	R.C. weir	Hong Ha Luang	Mae Na Wang	Mae Ai			165		N	N	H	Province
44	R.C. weir	San Ma Nao	Mae Sao	Mae Ai			256		N	N	H	Province
45	R.C. weir	San Pa Kha	Mae Sao	Mae Ai			195		N	N	H	Province
46	R.C. weir	San Ma Nao	Mae Sao	Mae Ai			256		N	N	H	Province
47	R.C. weir	Huai Pa Sang	Mae Sao	Mae Ai			300		N	N	H	Province
48	Improved Canal	San Ton Mu	Mae Ai	Mae Ai			256		N	N	H	Province
49	R.C. weir	Huai Muang	Mae Na Wang	Mae Ai			200	150	N	N	H	Province
50	R.C. Weir 3 station	Huai Muang	Mae Na Wang	Mae Ai			1,450		N	N	H	Province
51	R.C. weir	Hong Ha Luang	Mae Na Wang	Mae Ai			420		N	N	H	Province
52	R.C. weir	Muang Ngam	Tha Ton	Mae Ai			540		N	N	H	Province
53	R.C. weir	Mae Ai	Tha Ton	Mae Ai			130		N	N	H	Province
54	Chiang Rai											
55	Pracha Asa Weir	M.6	Wiang Kalong	Wiang Pa Pao	Huai		1,200		H	N	H	Province
56	Pracha Asa Weir	M.4	Wiang Kalong	Wiang Pa Pao	Mae Lao		900		H	N	H	Province
57	Pracha Asa Weir	M.5	Wiang Kalong	Wiang Pa Pao	Mae Lao		750		H	N	H	Province
58	Pracha Asa Weir 1	M.10	Wiang Kalong	Wiang Pa Pao	Huai		1,000		H	N	H	Province
59	Pracha Asa Weir 2	M.10	Wiang Kalong	Wiang Pa Pao	Huai		1,000		H	N	H	Province
60	Pracha Asa Weir	M.11	Wiang Kalong	Wiang Pa Pao	Mae Lao		500		H	N	H	Province
61	Pracha Asa Weir	M.5	Wiang Kalong	Wiang Pa Pao	Mae Lao		1,500		H	N	H	Province
62	Pracha Asa Weir	M.7	Wiang Kalong	Wiang Pa Pao	Mae Lao		750		H	N	H	Province
63	Pracha Asa Weir	M.2	Wiang Kalong	Wiang Pa Pao	Mae Lao		500		H	N	H	Province
64	Pracha Asa Weir	M.3	Pa Ngu	Wiang Pa Pao	Mae Lao		450		H	N	H	Province
65	Pracha Asa Weir	M.1	San Sali	Wiang Pa Pao	Chiang Khao		600		H	N	H	Province
66	Improved Pond	M.5	Pa Ngu	Wiang Pa Pao	Huai		425		H	N	H	Province
67	Improved Huai Pa Lan Reservoir	M.2	San Sali	Wiang Pa Pao			250		H	N	H	Province
68	Improved Santisuk Reservoir	M.3	Wiang	Wiang Pa Pao			300		H	N	H	Province
69	Improved Ya Sai Pond	M.2	Ban Pong	Wiang Pa Pao			200		H	N	H	Province
70	Pracha Asa Weir	Huai Dua	Ban Saco	Chiang Saen	Huai Dua		1,750		H	N	H	Province
71	Pracha Asa Weir	Pang Aoi	Mae Phrik	Mae Suai	Mae Phrik		2,000		H	N	H	Province
72	Pracha Asa Weir	Thung Fah Pha	Mae Phrik	Mae Suai	Ton Phai		460		H	N	H	Province
73	Pracha Asa Weir	Mae Yang Min	Sri Thoi	Mae Suai	Mae Yang Min		250		H	N	H	Province
74	Pracha Asa Weir 1	Sri Thoi	Sri Thoi	Mae Suai	Huai Pa Tong		250		H	N	H	Province
75	Pracha Asa Weir 2	Sri Thoi	Sri Thoi	Mae Suai	Huai Pa Tong		700		H	N	H	Province
76	Pracha Asa Weir	Hua Fai	Pa Daed	Mae Suai	Huai Mac		300		H	N	H	Province
77	Pracha Asa Weir	Huai Moh Thao	Chedi Luang	Mae Suai	Ta Chang		500		H	N	H	Province
78	Pracha Asa Weir	Rong Bong	Chedi Luang	Mae Suai	Huai Moh Thao		600		H	N	H	Province
79	Nong Pa Hia Reservoir	Khang Wang	Wiang Chai	Wiang Chai	Huai Luk		150	50	H	N	H	Province
80	Ku Kaew Reservoir	Dai Nong Lom	Wiang Chai	Wiang Chai			200	80	H	N	H	Province
81	Boi Noi Reservoir	Mai Pho Ngam	Wiang Chai	Wiang Chai			100	60	H	N	H	Province
82	Bung Bon Reservoir	Chai Ni Wet	Wiang Chai	Wiang Chai			135	70	H	N	H	Province
83	Nong Tao Reservoir	Ling Khun Chon	Don Sila	Wiang Chai			560	0	N	N	N	Province
84	Huai Tao Mae Tak weir	Doi Ngam	Don Sila	Wiang Chai			850	300	N	N	N	Province

Table 8.2.5 Peoples Irrigation Projects in Mae Kok River Basin (cont'd)

No.	Project	Ban	Tambon	Amphoe	Basin	Storage Capacity (MCM)	Project Area (Rai)		Application System	Water Charge	Water User Group	Owner Agency
							Wet Season	Dry Season				
85	Hong Kiang Reservoir	Cho Chareon	Don Sila	Wiang Chai			730	300	N	N	N	Province
86	Huai Kha Weir	Dot Ngam	Don Sila	Wiang Chai			500	250	N	N	N	Province
87	Cham Thong Reservoir	Chong Lom	Don Sila	Wiang Chai			300	200	N	N	N	Province
88	Huai Pa Saem Weir	Don Tai	Don Sila	Wiang Chai			200	0	N	N	N	Province
89	Huai Sak Weir	Lao Chareon	Thung Ko	Wiang Chai			600	0	N	N	N	Province
90	Huai Kang Weir	Lao Chareon	Thung Ko	Wiang Chai			200	0	N	N	N	Province
91	Mae Phua Weir	Lao M.6	Thung Ko	Wiang Chai	Mae Phua		3,000	0	H	N	H	Province
92	Huai Din Dam Weir	Thung Ko	Thung Ko	Wiang Chai			300	0	H	N	H	Province
93	Rong Luk Weir	Huai Khan	Thung Ko	Wiang Chai	Rong Luk		300	0	H	N	H	Province
94	Pracha Asa Weir	Wiang Nua	Thung Nua	Wiang Chai	Mae Lao Hang		300	0	H	N	H	Province
95	Pracha Asa Weir	Tha Ban Dai	Wiang Nua	Wiang Chai	Mae Lao Luang		500	0	N	N	H	Province
96	Pracha Asa Weir	Rong Wai	Wiang Wai	Wiang Chai			1,000	500	N	N	N	Province
97	Pracha Asa Weir	Pa Tung	Dong Maha Wan	Wiang Chai	Rong Wai		700	500	N	N	N	Province
98	Pracha Asa Weir	Doi Siri Mongkol	Dong Maha Wan	Wiang Chai			600	300	N	N	N	Province
99	Pracha Asa Weir	Muang Chum	Muang Chum	Wiang Chai	Lam Nam Hang		1,000	500	H	N	N	Province
100	Pracha Asa Weir	Yok Chareon	Muang Chum	Wiang Chai	Mae Sa Kun		400	0	H	N	N	Province
101	Pracha Asa Weir	Mai Chareon	Muang Chum	Wiang Chai	Mae Sa Kun		2,000	500	H	N	N	Province
102	Pracha Asa Weir	Wang Chang	Muang Chum	Wiang Chai			800	0	N	N	N	Province
103	Pracha Asa Weir (Huai Sai Khao)	Huai Mhak Aiat	Pa Sang	Wiang Chai	Huai Sai Khao		246	140	N	N	N	Province
104	Pracha Asa Weir	Huai Mhak Aiat	Pa Sang	Wiang Chai	Huai Mae Phua		450	210	E	N	H	Province
105	Pracha Asa Weir (Huai Pu Kaeng)	Huai Mhak Aiat	Pa Sang	Wiang Chai	Huai Pu Kaeng		250	0	H	N	H	Province
106	Huai Khi Lek Reservoir	Huai Khi Lek	Pa Sang	Wiang Chai			1,421	520	H	N	H	Province
107	Pracha Asa Weir (Huai Moh Pa)	Na Chareon M.9	Pa Sang	Wiang Chai			400	0	H	N	H	Province
108	Pracha Asa Weir (Huai Mae Phua Tai)	Na Chareon M.3	Pa Sang	Wiang Chai	Huai Moh Pa		500	0	H	N	H	Province
109	Improved Lam Nam Muang	Mae Korn	Mae Korn	Muang	Huai Mae Phua		1,250	625	H	N	H	Province
110	R.C.Weir	Pang Kok	Mae Korn	Muang	Mae Korn		2,500	1,250	H	N	H	Province
111	R.C.Weir	Suan Dok	Mae Korn	Muang	Mae Korn		1,250	625	H	N	H	Province
112	Improved Lam Nam Muang	Mae Korn	Mae Korn	Muang	Mae Korn		625	300	H	N	N	Province
113	Pond	Fang Min	Mae Korn	Muang	Mae Korn		2,500	1,250	H	N	N	Province
114	R.C.Weir	Fang Min	Mae Korn	Muang	Mae Korn		1,250	625	H	N	N	Province
115	R.C.Weir	Pa Sang	Ban Du	Muang	Mae Kok		1,250	625	H	N	H	Province
116	Pond	Pong Nam Tok	Ban Du	Muang	Mae Kok		1,250	625	H	N	H	Province
117	Improved Weir	Pa Ao	Mae Yang	Muang	Mae Kok		625	300	H	N	H	Province
118	R.C.Weir	Huai Phlu	Nang Lac	Muang	Mae Kok		1,250	625	H	N	H	Province
119	R.C.Weir	Den	Nang Lac	Muang	Mae Kok		1,250	625	H	N	H	Province
120	R.C.Weir	Sun Sai Khao	Pa Ao Don Chai	Muang	Mae Kok		625	300	H	N	H	Province
Total							78,072	12,405				

Remarks : H = Established
N = Not established

Table 8.2.6 Border Self-Defense Village Projects in Mae Kok River Basin

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
	Regional Irrigation Office 1 (Chiang Mai) Chiang Mai										
1	Muang Chum Weir and System	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	1,200	2539	2539	
2	Mae Kaen Weir and system	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	1,050	2539	2539	
3	Ban Lan Weir and System	Chiang Mai	Fang	Mon Pin	Mae Fang	I	-	300	2538	2539	
Total							-	2,550			

Remarks : I = Diversion and Irrigation (Muang Fai)

Table 8.2.7(1) Large Scale and Medium Scale Irrigation Projects in Mae Ing River Basin

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Remarks
									Started	Completed	
1. Chiang Rai											
1	Huai So Reservoir*	Chiang Rai	Chiang Khong	Huai Sua	Lower	SI	4.25	8,000	2535	2536	
2	Huai Whai Reservoir	Chiang Rai	Chiang Khong	Sri Don Chai	Lower	SI	1.09	3,600	2536	2537	
3	Huai Plong Reservoir*	Chiang Rai	Theong	Plong	Middle	SI	6.96	20,000	2528	2528	
4	Huai Nan Reservoir*	Chiang Rai	Theong	Mae Loi	Middle	SI	2.20	5,900	2529	2529	
5	Huai Pang Daeng Reservoir	Chiang Rai	Theong	Mae Loi	Middle	SI	0.33	4,500	2530	2530	
6	Huai Ton Yang Reservoir*	Chiang Rai	Phan	Charoen Muang	Mae Phung	SI	1.64	3,200	2534	2534	
7	Huai Mae Ao Reservoir*	Chiang Rai	Phan	Mae Ao	Mae Phung	SI	1.34	3,200	2537	2538	
8	Huai Ta Kuan Reservoir*	Chiang Rai	Phaya Meng Rai	Mae Tam	Lower	SI	7.10	6,500	2534	2534	
9	Mae Tam Klang Weir	Chiang Rai	Phaya Meng Rai	Mae Tam	Mae Lao	I	-	5,000	2527	2527	
10	Wang Khian Weir	Chiang Rai	Pa Daed	Pa Daed	Mae Phung	I	-	11,000	2530	2530	
11	Huai Chiang Khian Reservoir	Chiang Rai	Pa Daed	Pa Daed	Lower	SI	1.25	3,200	2536	2537	
12	Huai Luang Reservoir	Chiang Rai	Phan	Than Thong	Mae Phung	SI	1.65	3,000	2524	2524	
13	Huai Yak Sai Reservoir	Chiang Rai	Chiang Khong	Huai So	Lower	SI	0.45	4,000	2534	2535	
14	Chao Warakan Bancha Weir Improvement	Chiang Rai	Phan	Than Thong			-	6,000		2525	
15	Huai Nan Reservoir	Chiang Rai	Thoeng	Mae Loi			-	3,000		2529	
16	Huai Pa Daeng Reservoir	Chiang Rai	Thoeng	Mae Loi			0.28	4,200		2530	
17	Wang Khiang Weir Improvement	Chiang Rai	Pa Daed	Pa Daed			-	5,600		2530	
18	Huai Whai Reservoir	Chiang Rai	Chiang Khong	Si Don Chai			1.09	3,600		2535	
19	Huai Mae Ao Reservoir	Chiang Rai	Phan	Mae Ao			1.34	3,200		2537	
20	Huai Hia Reservoir	Chiang Rai	Chiang Khong	Si Don Chai			1.36	3,200		2539	
21	Nam Ngao Weir	Chiang Rai	Thoeng	Tab Tao			0.03	3,000		2540	
Total							32.36	112,900			
2. Phayao											
1	Rong Po Reservoir	Phayao	Muang	Dong Chen	Middle	SI	1.62	4,000	2529	2529	
2	Fai Hin Head Regulator	Phayao	Mae Chai	Mae Chai	Middle	I	-	5,000	2525	2525	
3	Ban Pang Weir	Phayao	Dok Kham Tai	Ban Tam	Middle	I	-	6,000	2524	2524	
4	Huai Bong Reservoir*	Phayao	Chiang Kham	Thung Klui	Mae Lao	SI	3.69	7,000	2529	2529	

Table 8.2.7(2) Large Scale and Medium Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Remarks
									Started	Completed	
5	Rong San Reservoir*	Phayao	Chiang Kham	Rom Yen	Mae Lao	SI	0.33	5,000	2522	2522	
6	Nam Chun Reservoir*	Phayao	Chun	Chun	Middle	SI	9.60	10,000	2532	2534	
7	Ruang Weir	Phayao	Muang	Ban Tun	Upper	I	-	3,000	2533	2533	
8	Tam Weir	Phayao	Muang	Ban Tam	Upper	I	-	3,000	2524	2524	
9	Water Delivery System of Tam Weir	Phayao	Muang	Ban Tam	Upper	-	-	-	2528	2528	
10	Huai Fai Reservoir	Phayao	Chiang Kham	Phu Sang	Mae Lao	SI	0.83	3,000	2525	2525	
12	Kaew Weir	Phayao	Chiang Kham	Mae Lao	Mae Lao	I	-	15,000	2527	2527	
13	Huai rong Sak Reservoir	Phayao	Dok Kham Tai	Ban Bin	Middle	SI	4.00	15,000	2525	2525	
14	Had Lek Weir	Phayao	Dok Kham Tai	Huai Lan	Middle	I	-	5,000	2539	2539	
15	Pha Lad Weir	Phayao	Chiang Kham	Mae Lao	Mae Lao	I	-	6,000	2539	2539	
16	Ing Rod Weir	Phayao	Chun	Hong Hin	Middle	I	-	3,300	2539	2539	
17	Nam Ing Dredging	Phayao	K.A. Phu Kam Yao	Huai Kaew, Dong Jen			0.20	5,000	2536	2536	
18	Improvement of weir and 3 regulators	Phayao	Dok Kham Tai	Don Si Chum			0.03	5,000	2540	2540	
19	Ton Phung Weir Improvement	Phayao	Dok Kham Tai	Bun Kerd			0.03	5,000	2540	2540	
20	Rong Chang Dredging	Phayao	Dok Kham Tai	Sawang Aroin			0.03	3,000	2540	2540	
Total							20.36	111,300			
Total Ing Basin							52.72	224,200			

Remarks :

S = Storage Dam or Reservoir

I = Diversion and Irrigation (Muang Fai)

* = King's Project

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B. E.)		Coordination
									Started	Completed	
1	1. Chiang Rai Pong Daeng Reservoir	Chiang Rai	Phan	Sai Khao	Mae Ing (Nam Phung)	SI	0.01	500	2521	2521	787-756/4948II
2	Huai Pa Sak Reservoir*	Chiang Rai	Phan	Pa Thung	Mae Ing (Nam Phung)	SI	0.42	1,000	2527	2527	732-586/4948III
3	Mae Pon Reservoir	Chiang Rai	Phan	Pa Thung	Mae Ing (Nam Phung)	SI	0.26	2,500	2528	2529	694-645/4948III
4	Mae Kaew Reservoir	Chiang Rai	Phan	Mae Ao	Mae Ing (Nam Phung)	SI	1.99	2,000	2527	2528	582-774/4948II
5	Mae Kaew Weir*	Chiang Rai	Phan	Mae Ao	Mae Ing (Nam Phung)	I	-	1,500	2531	2531	859-743/4948II
6	Thung Hong Reservoir	Chiang Rai	Theong	Wiang	Mae Ing (Lower)	SI	1.16	1,000	2527	2528	300-798/5048III
7	Rong Riu Reservoir	Chiang Rai	Theong	Wiang	Mae Ing (Lower)	SI	0.29	500	2533	2534	278-769/5048III
8	Huai Khrai Reservoir	Chiang Rai	Theong	Wiang	Mae Ing (Lower)	SI	0.73	1,300	2534	2535	297-842/5048IV
9	Doi Ngu Reservoir (Nam Cham)*	Chiang Rai	Theong	Ngu	Mae Ing (Lower)	SI	1.28	2,000	2528	2528	133-778/5048IV
10	Huai Pa Tan Reservoir*	Chiang Rai	Theong	Mae Loi	Mae Ing (Lower)	SI	0.52	1,000	2529	2529	343-935/5048I
11	Huai Dua Weir*	Chiang Rai	Theong	Pha	Mae Ing (Lower)	I	-	500	2525	2525	320-923/5048I
12	Huai Ta Reservoir	Chiang Rai	Theong	Pha	Mae Ing (Lower)	SI	0.29	100	2534	2535	312-905/5048I
13	Pa Tan Weir	Chiang Rai	Theong	Pa Tan	Mae Ing (Lower)	I	-	200	2525	2525	336-942/5048I
14	Huai Mae Chedi Weir*	Chiang Rai	Theong	Pa Tan	Mae Ing (Lower)	I	-	1,000	2526	2526	341-651/5048I
15	Muang Fai Mae Chedi*	Chiang Rai	Theong	Pa Tan	Mae Ing (Lower)	-	-	800	2527	2527	367-998/5048I
16	Huai Yang Hom Reservoir	Chiang Rai	Theong	Yang Hom	Mae Ing (Lower)	SI	0.23	1,700	2531	2532	338-831/5048II
17	Ton Khuang Weir	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	1,000	2524	2524	379-856/5048I
18	Pa Haed Weir	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	500	2524	2524	389-863/5048I
19	Huai Khung weir*	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	500	2525	2525	430-928/5048I
20	Nam Ngao Reservoir	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	SI	0.50	500	2525	2525	438-915/5048I
21	Huai Khok Weir*	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	2,500	2525	2525	418-896/5048I
22	Nam Ngao Reservoir**	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	SI	0.13	1,000	2524	2524	338-877/5048I
23	Huai Tap Tao Reservoir**	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	SI	0.30	800	2524	2524	387-852/5048I
24	Huai Sai Kad Weir**	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	500	2524	2524	355-799/5048II
25	Ban Lao Weir**	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	2,500	2524	2524	360-860/5048I
26	Huai Pong weir**	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	I	-	500	2524	2524	353-825/5048II
27	Huai Ban Weir**	Chiang Rai	Theong	Tap Tao	Mae Ing (Mae Lao)	SI	0.35	1,000	2524	2524	491-247/5049II
28	Huai Tong weir	Chiang Rai	Theong	Wiang	Mae Ing (Lower)	I	-	1,000	2534	2535	478-228/5049II
29	Huai Muang Chum Reservoir	Chiang Rai	Chiang Khong	Wiang	Mae Ing (Lower)	SI	0.18	200	2529	2530	502-236/5049II
30	Huai Tong Reservoir*	Chiang Rai	Chiang Khong	Khlong	Mae Ing (Lower)	SI	0.34	1,300	2531	2533	343-235/5049II
	Huai Kiang Reservoir	Chiang Rai	Chiang Khong	Huai So	Mae Ing (Lower)	SI	0.71	1,300	2528	2528	

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changvat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordination
									Started	Completed	
31	Mae Soon Weir	Chiang Rai	Pa Daed	Pa Ngae	Mae Ing (Nam Phung)	I	-	1,000	2528	2528	996-636/4948II
32	Huai Yang Reservoir	Chiang Rai	Pa Daed	San Ma Kha	Mae Ing (Lower)	SI	0.48	2,000	2526	2526	127-968/5048IV
33	Huai Chang Phuak Reservoir	Chiang Rai	Wiang Chai	Pa Ngam	Mae Ing (Lower)	SI	0.02	200	2523	2523	129-038/5048IV
34	Mae Tak Weir	Chiang Rai	Phaya Meng Rai	Mae Pao	Mae Ing (Mae Lao)	I	-	2,500	2531	2531	179-968/5048IV
35	Huai Khian Reservoir*	Chiang Rai	Muang	Doi Lan	Mae Ing (Nam Phung)	SI	0.94	1,900	2535	2536	996-793/4948II
36	Huai Cham Tong Reservoir	Chiang Rai	Muang	Plong	Mae Ing (Mae Lao)	SI	0.42	750	2536	2536	113-702/5048II
37	Ban Rat Phakdi Water Developed	Chiang Rai	Muang	Tap Tao	Mae Ing (Mae Lao)	-	-	300	2536	2536	468-978/5048I
38	Huai Bong Reservoir*	Chiang Rai	Phaya Meng Rai	Meng Rai	Mae Ing (Lower)	SI	0.80	1,700	2536	2536	266-024/5048IV
39	Huai Di Mi Reservoir	Chiang Rai	Theong	Ngao	Mae Ing (Mae Lao)	S	0.64	1,500	2536	2537	358-764/5048II
40	Huai Luang Reservoir (Huai Rong Chang)	Chiang Rai	Pa Daed	Rong Chang	Mae Ing (Nam Phung)	SI	0.88	2,700	2536	2537	988-572/4948II
41	Huai Sak Reservoir	Chiang Rai	K.A.Chun Tan	Yang Hoin	Mae Ing (Lower)	SI	0.34	1,750	2537	2538	159-696/5048III
42	Ban Nok Weir (Huai Kaeng)	Chiang Rai	Chiang Khong	Boon Ruang	Mae Ing (Lower)	I	-	2,500	2538	2538	408-115/5048I
43	Huai Lao Reservoir	Chiang Rai	Chiang Khong	Khlong	Mae Ing (Lower)	SI	0.34	1,400	2539	2540	508-278/5049II
44	Mae Roi Rai Weir	Chiang Rai	Theong	Ngau			-	-		2526	
45	Huai Luang Head Regulator	Chiang Rai	Chiang Khong	Khlong			-	Domestic		2531	
46	Ban Rai Pho Thai 1,2, Weirs	Chiang Rai	Theong	Tab Tao			-	250		2532	
47	Mae Khang Reservoir	Chiang Rai	Chiang Khong	Si Don Chai			-	1,500		2532	
48	Huai Yaek Sai Reservoir	Chiang Rai	Chiang Khong	Huai Ao			0.45	1,200		2534	320-193/5049II
49	Ban Khun Huai Khok WRD	Chiang Rai	Theong	Tab Tao			-	-		2534	
50	Ban Huai Hia WRD	Chiang Rai	Theong	Tab Tao			-	-		2534	
51	Ban Kiu WRD	Chiang Rai	Theong	Tab Tao			-	-		2534	
52	Ban Lao Ta Khao WRD	Chiang Rai	Theong	Tab Tao			-	-		2534	
53	Ban Pak Ing Tai WRD	Chiang Rai	Chiang Khong	Si Don Chai			-	-		2534	
54	Ban Ras Rak Sa WRD	Chiang Rai	Theong	Tab Tao			0.001	Domestic		2537	
55	Ban Rom Pho Thai WRD	Chiang Rai	Theong	Tab Tao			0.002	500		2537	
56	Ban Rom Fa Thai Barrage	Chiang Rai	Theong	Tab Tao			0.008	70		2538	
57	Huai San Weir	Chiang Rai	Chiang Khong	Khlong			0.03	1,500		2540	
58	Huai Daed Reservoir	Chiang Rai	Pa Daed	Rong Chang	Mae Ing (Nam Phung)	SI	1.28	2,400	2537	2537	
59	Huai Pong Weir	Chiang Rai	Theong	Ngao				600		2523	
60	Huai Ian Weir	Chiang Rai	Theong	Ngao				1,000		2523	
Total							16.32	61,920.00			

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B. E.)		Coordination
									Started	Completed	
1	2. Phayao Huai So Reservoir*	Phayao	Muang	Mae Na Rua	Mae Ing (Upper)	SI	0.30	1,000	2528	2528	927-062/4947II
2	Huai So Weir	Phayao	Muang	Mae Na Rua	Mae Ing (Upper)	I	-	1,000	2523	2523	929-077/4947II
3	Huai Tun Reservoir	Phayao	Muang	Ban Tun	Mae Ing (Upper)	SI	0.42	2,000	2527	2527	836-255/4947I
4	Thung Klong Weir	Phayao	Muang	Ban Tam	Mae Ing (Upper)	I	-	1,500	2526	2526	857-208/4947II
5	Huai Tap Chang Reservoir	Phayao	Muang	Ban Ton	Mae Ing (Middle)	SI	0.24	1,000	2526	2526	023-370/4947I
6	Huai Kaew Reservoir	Phayao	Muang	Huai Kaew	Mae Ing (Middle)	SI	1.10	1,700	2532	2533	796-331/4947I
7	Huai Yian Reservoir*	Phayao	Muang	Ban Mai	Mae Ing (Middle)	SI	0.75	2,000	2527	2528	973-228/4947II
8	Huai Song Reservoir	Phayao	Muang	Tha Wang Thong	Mae Ing (Middle)	SI	0.03	200	2525	2525	221-319/5047IV
9	Nam Chun Reservoir (System)*	Phayao	Chun	Chun	Mae Ing (Middle)	S	9.60	Domestic	2533	2533	128/458/5047IV
10	Huai Tum Reservoir	Phayao	Chun	Lo	Mae Ing (Middle)	SI	0.40	600	2535	2535	139-540/5047IV
11	Huai Tao Poon Reservoir	Phayao	Chun	Hong Hin	Mae Ing (Middle)	SI	0.03	500	2527	2528	143-592/5048III
12	Huai Pa Miang Reservoir	Phayao	Chun	Hong Hin	Mae Ing (Middle)	SI	-	800	2533	2534	240-470/5047IV
13	Huai Duai Reservoir (Huai Toi)	Phayao	Chun	Thung Ruang Thong	Mae Ing (Middle)	SI	0.08	1,000	2526	2526	250-430/5047IV
14	Huai Yang Kham Reservoir	Phayao	Chun	Huai Kham	Mae Ing (Mae Lao)	SI	0.37	1,200	2531	2532	385-716/5048II
15	Huai Bon Reservoir	Phayao	Chiang Kham	Chiang Raeng	Mae Ing (Mae Lao)	SI	0.37	400	2534	2535	400-732/5048II
16	Huai Pha Lad Reservoir	Phayao	Chiang Kham	Phu Chang	Mae Ing (Mae Lao)	I	-	600	2521	2521	423-737/5048II
17	Huai Cham Thong Reservoir*	Phayao	Chiang Kham	Phu Chang	Mae Ing (Mae Lao)	SI	0.03	200	2522	2522	485-769/5048II
18	Huai Na Ban Weir	Phayao	Chiang Kham	Phu Chang	Mae Ing (Mae Lao)	I	-	200	2525	2525	448-747/5048II
19	Pua Weir	Phayao	Chiang Kham	Phu Chang	Mae Ing (Mae Lao)	I	-	1,500	2529	2529	283-634/5048II
20	San Pu Loei Reservoir	Phayao	Chiang Kham	Nam Wan	Mae Ing (Mae Lao)	SI	0.07	450	2526	2527	317-568/5047I
21	Nong Kaew Dike	Phayao	Chiang Kham	Nam Wan	Mae Ing (Mae Lao)	SI	0.14	1,000	2532	2533	387-448/5047I
22	Wan Khong Weir	Phayao	Chiang Kham	Fai Kwang	Mae Ing (Mae Lao)	I	-	1,000	2525	2525	472-618/5048II
23	Nam Sa Weir*	Phayao	Chiang Kham	Rom Yen	Mae Ing (Mae Lao)	I	-	1,000	2526	2526	462-623/5048II
24	Rong Uam Reservoir*	Phayao	Chiang Kham	Rom Yen	Mae Ing (Mae Lao)	SI	0.32	1,000	2526	2526	456-553/5041I
25	Ban Huai Sa Reservoir*	Phayao	Chiang Kham	Rom Yen	Mae Ing (Mae Lao)	SI	0.45	2,000	2527	2527	464-606/5048II
26	Huai Nam Ton Reservoir*	Phayao	Chiang Kham	Rom Yen	Mae Ing (Mae Lao)	SI	0.12	1,500	2527	2528	131-108/5047III
27	Huai Nok Khao Weir*	Phayao	Dok Kham Tai	Ban Tam	Mae Ing (Middle)	I	-	1,500	2524	2524	142-114/5047III
28	Huai Pa Sak Weir*	Phayao	Dok Kham Tai	Ban Tam	Mae Ing (Middle)	I	-	1,000	2526	2526	118-058/5047III
29	Huai Hung Weir (Sub)	Phayao	Dok Kham Tai	Ban Puan	Mae Ing (Middle)	I	-	Domestic	2522	2522	140-063/5047III
	Huai Hung Weir	Phayao	Dok Kham Tai	Ban Puan	Mae Ing (Middle)	I	-	1,000	2522	2522	
	Muang Fai Huai Hung	Phayao	Dok Kham Tai	Ban Puan	Mae Ing (Middle)	I	-	-	2528	2529	

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B. E.)		Coordination
									Started	Completed	
30	Rong Chang Weir	Phayao	Dok Kham Tai	Ban Puan	Mae Ing (Middle)	I	-	2,000	2523	2523	110-052/5047III
31	Rong Chang Reservoir	Phayao	Dok Kham Tai	Ban Puan	Mae Ing (Middle)	SI	0.29	1,300	2531	2531	136-025/5047III
32	Huai Ton Tum Reservoir	Phayao	Dok Kham Tai	Huai Lan	Mae Ing (Middle)	SI	0.18	1,000	2526	2526	116-363/5047IV
33	Huai Nong Tu Reservoir	Phayao	Dok Kham Tai	Huai Lan	Mae Ing (Middle)	SI	0.25	450	2531	2532	105-391/5047IV
34	Huai Chom Phu Reservoir	Phayao	Dok Kham Tai	San Khong	Mae Ing (Middle)	SI	0.04	200	2525	2525	152-186/5047III
35	Huai Sae Reservoir	Phayao	Dok Kham Tai	San Khong	Mae Ing (Middle)	SI	0.10	800	2527	2528	143-238/5047III
36	Huai Pa Sang Weir*	Phayao	Dok Kham Tai	Pa Sang	Mae Ing (Middle)	I	-	1,500	2524	2524	110-305/5047IV
37	Huai Chom Phu Reservoir	Phayao	Mae Chai	Sri Toi	Mae Ing (Upper)	SI	0.49	1,000	2529	2529	800-410/4947I
38	Nong Nam Daeng Regulator	Phayao	Mae Chai	Mae Suk	Mae Ing (Upper)	D	-	1,000	2522	2522	825-363/4947I
39	Mae Suk Reservoir*	Phayao	Mae Chai	Mae Suk	Mae Ing (Upper)	SI	0.51	1,200	2528	2528	793-373/4947I
40	Pa Faek Reservoir	Phayao	Mae Chai	Pa Faek	Mae Ing (Nam Phung)	I	-	2,000	2523	2523	816-445/4947I
41	Mae Yen Reservoir	Phayao	Mae Chai	Pa Faek	Mae Ing (Nam Phung)	SI	0.33	1,800	2528	2529	757-474/4947IV
42	Mae Chai Weir Improved	Phayao	Mae Chai	Pa Faek	Mae Ing (Upper)	I	-	1,000	2530	2530	780-433/4947IV
43	Huai Ton Yang Reservoir	Phayao	Mae Chai	Pa Faek	Mae Ing (Upper)	SI	0.48	1,000	2530	2531	785-439/4947IV
44	Huai Tham Reservoir	Phayao	Mae Chai	Pa Faek	Mae Ing (Upper)	SI	0.55	1,000	2535	2536	902-089/4947II
45	Huai Waen Khong Reservoir	Phayao	Muang	Mae Na Rua	Mae Ing (Mae Lao)	SI	0.64	1,300	2535	2536	387-448/5047I
46	Ban Kha Naeng Water Developed	Phayao	Chiang Kham	Fai Kwang	Mae Ing (Mae Lao)	-	-	Domestic	2536	2536	556-495/5047I
47	Huai Pha Nhip Reservoir	Phayao	Chiang Kham	Mae lao	Mae Ing (Middle)	SI	0.31	800	2536	2536	143-171/5047III
48	Khrung Weir	Phayao	Chiang Kham	San Khong	Mae Ing (Mae Lao)	I	-	727	2538	2538	448-518/5048II
49	Khun Huai Kang Reservoir	Phayao	Chun	Rom Yen	Mae Ing (Mae Lao)	SI	0.92	1,800	2537	2538	188-351/5047IV
50	Huai Suad Reservoir	Phayao	Chiang Kham	Chun	Mae Ing (Mae Lao)	SI	0.74	2,200	2538	2539	346-401/5047I
51	Nong Hang Dredging	Phayao	K.A. Phu Kam Yao	Fai Kwang	Mae Ing (Mae Lao)	SI	0.11	600	2536	2536	
52	Rong Hang Weir Dredging	Phayao	Chun	Huai Kaew			0.10	1,000	2536	2536	
53	Rong Fan Dredging (Phase I)	Phayao	Chun	Thung Ruang Thong			0.06	Domestic	2536	2536	
54	Nong Rong Phai Dredging	Phayao	Chun	Thung Ruang Thong			0.06	1,000	2536	2536	
55	Lam Nam Yaun Dredging	Phayao	Chun	Lo			0.03	800	2536	2536	
56	Rong Chae Dredging	Phayao	Chiang Kham	Chae Di Kham			0.18	500	2536	2536	
57	Nong Khwang Dredging (Phase I)	Phayao	Chiang Kham	Ang Thong			0.60	500	2536	2536	
58	Nong Khwang Dredging (Phase II)	Phayao	Dok Kham Tai	Dong Suwan			0.17	500	2536	2536	
59	Rong Laung Dredging	Phayao	Dok Kham Tai	Dong Suwan			0.05	800	2536	2537	
60	Rong Khi Dredging	Phayao	Dok Kham Tai	Pa Sang			0.04	400	2536	2536	
61	Nong Nam Daeng Dredging	Phayao	Mae Chai	Huai Lan			0.04	Domestic	2536	2536	

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B. E.)		Coordination
									Started	Completed	
62	Nong Lao Dredging	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.20	1,500	2537	2537	
63	Rong Fan Dredging (Phase III)	Phayao	Chun	Thung Ruang Thong			0.10	1,000	2537	2537	
64	Lam Muang Ban Yaun Dredging	Phayao	Chiang Kham	Yaun			0.02	640	2537	2537	
65	Rong Jen-Rong Hia Dredging	Phayao	K.A. Phu Kam Yao	Dong Jen			-	300	2538	2538	
66	Nong Han Dredging	Phayao	K.A. Phu Sang	Phu Sang			0.02	200	2538	2538	
67	Huai Mao Dredging	Phayao	Chun	Chun			0.07	100	2538	2538	
68	Huai Mae Tam & Rong Lang Dred.	Phayao	Chiang Kham	Nam Wan			0.08	500	2538	2538	
69	Nong Tu Dredging	Phayao	Dok Kham Tai	Huai Lan			0.15	2,000	2538	2538	
70	Rong Jong Dredging	Phayao	Muang	Tha Wang Thong			0.06	300	2538	2538	
71	Ban San Pa Sak Pond	Phayao	Muang	Mae Na Rua			0.02	Domestic	2538	2538	
72	Huai Mae Pum Dredging (Muang Klang)	Phayao	Muang	Mae Pum			-	400	2538	2538	
73	Nong Ang Dredging	Phayao	Chiang Kham	Ang Thong			0.10	1,000	2539	2539	
74	Nong Sam Kha Dredging	Phayao	Chiang Kham	Ang Thong			0.26	1,000	2539	2539	
75	Lam Muang Yao Dredging	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.01	500	2540	2540	
76	Huai Bong Dredging	Phayao	K.A. Phu Sang	Sob Bong			0.01	Domestic	2540	2540	
77	Ing Rod Weir Dredging	Phayao	Chun	Lo			0.25	400	2540	2540	
78	Huai Rong Yang Dredging	Phayao	Chun	Lo			0.01	420	2540	2540	
79	Lam Nam Yaun Dredging	Phayao	Chiang Kham	Chae Di Kham			0.03	500	2540	2540	
80	Wang Khao Dredging	Phayao	Chiang Kham	Rom Yen			0.08	1,200	2540	2540	
81	Huai Mae Prik Dredging	Phayao	Dok Kham Tai	Nong Lom			0.01	Domestic	2540	2540	
82	Mae Kra Thob Dredging	Phayao	Mae Chai	Pa Faek			0.03	Domestic	2540	2540	
83	Huai Klang-Huai Bauk Krok Dredging	Phayao	Mae Chai	Pa Faek			0.01	Domestic	2540	2540	
84	Huai Rim Chai-Mae Ing Dredging	Phayao	Mae Chai	Mae Chai			0.08	100	2540	2540	
85	Huai Bon Reservoir	Phayao	K.A. Phu Sang	Chiang Raeng			0.37	1,000	2534	2534	
86	Mae Ing Weir (No. 3)	Phayao	Muang	Tha Wang Thong			0.03	2,000	2540	2540	
87	Huai Khok Mu Laung Reservoir	Phayao	Mae Chai	Charoenas			0.19	1,000	2540	2540	
88	Huai Sai Reservoir	Phayao	K.A. Phu Sang	Thung Klui			0.75	2,400	2536	2536	
89	Huai Bong Reservoir	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.30	600	2539	2539	
90	Huai Mai Reservoir (Huai Hung)	Phayao	Dok Kham Tai	Nong Lom			0.44	1,300	2539	2539	
91	Huai Maung Reservoir (Huai Hae)	Phayao	Muang	Tun			-	2,500	2539	2539	
92	Huai Saraphee Reservoir	Phayao	Chun	Thung Ruang Thong			0.02	150	2524	2524	
93	Huai Klang Reservoir	Phayao	Chun	Huai Khao Kam			0.08	1,000	2524	2524	

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B. E.)		Coordination
									Started	Completed	
94	Nong Bung Laung Dredging	Phayao	Muang	Cham Pa Whai			0.05	250	2524	2524	
95	Dong Bun Nak Reservoir	Phayao	Mae Chai	Ban Lao			0.02	1,000	2524	2524	
96	PTT. 31 Pond	Phayao	Chiang Kham	Chiang Ban			0.03	Domestic	2526	2526	
97	Ban Charoen Chai School Pond	Phayao	Mae Chai	Sri Toi			-	Domestic	2526	2526	
98	Huai Khan Reservoir	Phayao	Dok Kham Tai	Huai Lan			0.01	400	2527	2527	
99	Ban San Pa Nad Pond	Phayao	Dok Kham Tai	Dok Kham Tai			0.05	Domestic	2528	2528	
100	Ban Rong Hang Pond	Phayao	Chun	Lo			0.01	Domestic	2529	2529	
101	Ban Rong Pond	Phayao	K.A. Phu Kam Yao	Dong Jen			0.05	Domestic	2530	2530	
102	Huai Khong Reservoir Dredging	Phayao	Muang	Tha Wang Thong			0.03	200	2530	2530	
103	Huai Pa Khang Dredging	Phayao	Dok Kham Tai	Pa Sang			-	800	2531	2531	
104	Cham Pa Yang Pond	Phayao	Dok Kham Tai	Nong Lom			-	500	2531	2531	
105	Ban Pong Kham Pond	Phayao	Muang	Tam			-	500	2531	2531	
106	Upper Lam Huai Lang Dredging	Phayao	Muang	Mae Sai			-	1,200	2531	2531	
107	Rong Tiu Barrage	Phayao	K.A. Phu Kam Yao	Dong Jen			-	700	2532	2532	
108	Nong Ban Si Cham Chang Dredging	Phayao	Chun	Hong Hin			-	200	2532	2532	
109	Huai Nguu Pond Dredging	Phayao	Chiang Kham	Nam Wan			-	250	2532	2532	
110	Nong Pan Dredging	Phayao	K.A. Phu Sang	Sob Bong			0.03	300	2534	2534	
111	Nong Rong Phai Dredging	Phayao	Chun	Lo			0.06	200	2534	2534	
112	Nong Khi Rad Dredging	Phayao	Dok Kham Tai	Huai Lan			0.01	200	2534	2534	
113	Muang Rong Tiu Dredging and Improv.	Phayao	K.A. Phu Kam Yao	Dong Jen			-	750	2535	2535	
114	Huai Bong Barrage	Phayao	K.A. Phu Kam Yao	Dong Jen			0.12	800	2535	2535	
115	Ban Kad Thi Pond	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.02	300	2535	2535	
116	Nong In Ta Dredging	Phayao	Dok Kham Tai	Dong Suwan			0.04	350	2535	2535	
117	Ban San Sai Pond	Phayao	Dok Kham Tai	Ban Tham			0.05	150	2535	2535	
118	Ban Cham Pa Whai Nua Pond	Phayao	Muang	Cham Pa Whai			0.03	100	2535	2535	
119	Rong Po Dredging	Phayao	K.A. Phu Kam Yao	Dong Jen			0.09	800	2536	2536	
120	Ban Soi Si Pond	Phayao	Chun	Chun			0.06	300	2536	2536	
121	Dong Pa Tan Pond	Phayao	Chun	Lo			0.05	300	2536	2536	
122	Huai Si Kam Dredging	Phayao	Chiang Kham	Chiang Ban			0.04	100	2536	2536	
123	Ban Pha Lad Pond	Phayao	Chiang Kham	Nam Wan			0.07	200	2536	2536	
124	Huai Na Ta Barrage and Appurtenances	Phayao	Chiang Kham	Fai Kwang			0.02	100	2536	2536	
125	Rong Saphan Ngam Dredging	Phayao	Dok Kham Tai	Dok Kham Tai			0.08	800	2536	2536	

Table 8.2.8 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordination
									Started	Completed	
126	Huai Tham Dredging	Phayao	Dok Kham Tai	Ban Tham			0.02	50	2536	2536	
127	Ban Tam Pond	Phayao	Muang	Tam			0.03	100	2536	2536	
128	Huai Sai Khao Pond	Phayao	Muang	Tha Wang Thong			0.04	Domestic	2536	2536	
129	Rong Aoi Dredging	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.02	800	2537	2537	
130	Thung Pa Yang Pond Barrage	Phayao	K.A. Phu Sang	Chiang Rang			0.06	300	2537	2537	
131	Pa Su San Pond	Phayao	Chun	Chun			0.01	Domestic	2537	2537	
132	Rong Fan Dredging (Phase II)	Phayao	Chun	Thung Ruang Thong			0.20	200	2537	2537	
133	Ban Kiu Chom Phu Pond	Phayao	Chiang Kham	Nam Wan			0.01	Domestic	2537	2537	
134	Ban Rong San Pond	Phayao	Chiang Kham	Rom Yen			0.02	50	2537	2537	
135	Lam Nam Lue Dredging	Phayao	Chiang Kham	Rom Yen			0.04	Domestic	2537	2537	
136	Ban Pee Pond	Phayao	Chiang Kham	Wiang			0.02	Domestic	2537	2537	
137	Ban Cham Bon Pond	Phayao	Chiang Kham	Ang Thong			0.02	Domestic	2537	2537	
138	Ban Wang Khon Daeng Pond	Phayao	Dok Kham Tai	Huai Lan			0.01	500	2537	2537	
139	Rong Khan Dredging	Phayao	Muang	Mae Tam			0.05	500	2537	2537	
140	Ban Kho Pond	Phayao	Muang	Mae Na Rua			0.06	50	2537	2537	
141	Khai Luk Sua Pond	Phayao	Muang	Mae Pum			0.02	Domestic	2537	2537	
142	Dong Bun Nak Pond	Phayao	Mae Chai	Ban Lao			0.01	Domestic	2537	2537	
143	Huai Poo Pond	Phayao	K.A. Phu Sang	Thung Klui			0.03	150	2538	2538	
144	Huai Ngui Pond	Phayao	Chun	Thung Ruang Thong			0.12	300	2538	2538	
145	Huai Mae Tam Dredging	Phayao	Chiang Kham	Nam Wan			-	800	2538	2538	
146	Ban Pracha Phakdi Pond	Phayao	Chiang Kham	Rom Yen			0.02	100	2538	2538	
147	Ban Pang Weir Dredging	Phayao	Dok Kham Tai	Khue Wiang			0.10	1,000	2538	2538	
148	Huai Tham & Appurtenances Dredging	Phayao	Dok Kham Tai	Ban Tham			0.01	150	2538	2538	
149	Ban Thung Laung Pond	Phayao	Dok Kham Tai	Bun Kerd			-	150	2538	2538	
150	Ban Nong Lom Pond	Phayao	Dok Kham Tai	Nong Lom			0.02	200	2538	2538	
151	Thahanbok Phayao Province Pond	Phayao	Muang	Tha Wang Thong			0.03	Domestic	2538	2538	
152	Animal Office Pond	Phayao	Muang	Mae Ka			0.01	Livestock	2538	2538	
153	Ban Rai Na Deov Pond Barrage	Phayao	Muang	Mae Ka			0.02	50	2538	2538	
154	Rong Toei-Huai Bong	Phayao	Muang	Mae Pum			0.05	Domestic	2538	2538	
155	Concrete Lining Pond with Storage Tank	Phayao	Muang	Wiang			0.03	Domestic	2539	2539	
156	Rong Po Pond	Phayao	K.A. Phu Kam Yao	Dong Jen			-	200	2539	2539	
157	Rong Ka Long Dredging	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.02	500	2539	2539	

Table 8.2.3 Small Scale Irrigation Projects in Mae Ing River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B. E.)		Coordination
									Started	Completed	
158	Ban Don Isan Pond Barrage	Phayao	Chiang Kham	Ang Thong			0.02	200	2539	2539	
159	Huai Pha Nhip Pond	Phayao	Dok Kham Tai	San Khong			0.07	Domestic	2539	2539	
160	Huai Lan Reservoir Dredging	Phayao	Dok Kham Tai	Huai Lan			0.03	400	2539	2539	
161	Rong Lang Dredging	Phayao	Muang	Ban Tun			-	600	2539	2539	
162	Huai Bong Weir	Phayao	Muang	Mae Pum			-	750	2539	2539	
163	Huai Pa Rai Weir	Phayao	Mae Chai	Mae Suk			0.03	350	2539	2539	
164	Dredging, improvement & lining concrete	Phayao	K.A. Phu Kam Yao	Dong Jen			0.001	Domestic	2540	2540	
166	Huai Sai Khao Dredging	Phayao	K.A. Phu Kam Yao	Huai Kaew			0.01	800	2540	2540	
167	Huai Kiu Kaew Dredging	Phayao	Chun	Huai Khao Kam			0.03	350	2540	2540	
168	Lam Muang Noi Phrom Rong Bong Dredg	Phayao	Chiang Kham	Fai Kwang			0.01	300	2540	2540	
169	Rong Yian Dredging	Phayao	Dok Kham Tai	Pa Khang			0.01	400	2540	2540	
170	Dredging & lining concrete of	Phayao	Muang	Tha Wang Thong			0.03	1,200	2540	2540	
171	Dong Inca Pond Dredging and Lining	Phayao	Mae Chai	Ban Lao			0.01	350	2540	2540	
Total							28.17	106,637			
Total Ing Basin							44.50	168,557			

Remarks: S = Storage Dam or Reservoir

I = Diversion and Irrigation (Muang Fai)

D = Drainage

* = King's Project

** = National Security Development Project

Table 8.2.9 Border Self- Defense Village Project in Mae Ing River Basin

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
1.Chiang Rai											
1	Ban Pak Ing Tai Weir	Chiang Rai	Chiang Khong	Sri Don Chai	Mae Lao- Mae Ing	I	-	Domestic	2534	2534	
2	Ban Lao Ta Khao Weir	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	I	-	600	2534	2534	
4	Ban Huai Hia Weir	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	I	-	800	2534	2534	
3	Lao Ta Khao and Lao Cheo Pond	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	C	-	2,000	2535	2535	
5	Ban Kiu Weir and System	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	I	-	600	2535	2535	
6	Ban Phaya Phi Phak Weir	Chiang Rai	Theong	Yang Hom	Mae Lao- Mae Ing	I	-	Domestic	2535	2535	
7	Ban Khun Ta Weir	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	I	-	Domestic	2535	2535	
8	Ban Rat Rak Sa Water Development	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	I	-	2,400	2537	2537	
9	Ban Rom Pho Thai Water Development	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	I	-	500	2537	2538	
10	Ban Rom Fah Thai Dike	Chiang Rai	Theong	Tap Tao	Mae Lao- Mae Ing	-	-	200	2538	2538	
Total							0.00	7,100			
2.Phayao											
1	Nam Puai Reservoir	Phayao	Chiang Kham	Phu Chang	Mae Lao- Mae Ing	SI	0.25	1,500	2527	2527	
2	Ban Hua Na reservoir	Phayao	Chiang Kham	Thung Klui	Mae Lao- Mae Ing	SI	0.18	500	2528	2528	
3	Pang Tham Weir	Phayao	Chiang Kham	Rom Yen	Mae Lao- Mae Ing	I	-	500	2529	2529	
4	Huai Sai Reservoir	Phayao	Chiang Kham	Thung Klui	Mae Lao- Mae Ing	I	-	2,400	2537	2537	
5	Ban Huai San Weir and System	Phayao	Chiang Kham	Phu Chang	Mae Lao- Mae Ing	I	-	500	2537	2538	
6	Ban Pang Tham Water Development	Phayao	Chiang Kham	Rom Yen	Mae Lao- Mae Ing	-	-	1,000	2539	2539	
7	Ban Kha Naeng Weir	Phayao	Chiang Kham	Chiang Kham	Mae Lao- Mae Ing	I	-	400	2538	2539	
Total							0.43	6,800			
Total Ing Basin							0.43	13,900			

Remarks

S = Storage Dam or Reservoir

I = Diversion and Irrigation (Muang Fai)

C = Storage in Canal and Flood Plain Area

Table 8.2.10 DEDP Pump Irrigation Projects in Mae Ing River Basin

No.	Code	Project	Tambon	Amphoe	Basin	Project Area (Rai)	Irrigation Area (Rai)	Started	Completed	Coordinate
1. Chiang Rai										
1	5	Wiang Wai	Mae Pao	Phaya Meng Rai	Mae Ing	3,300	2,370	2524	2526	
2	8	Sri Don Chai	Sri Don Chai	Chiang Khong	Mae Ing	4,000	3,690	2524	2526	
3	6	Rong Riu	Wiang	Theong	Mae Ing	3,700	1,990	2524	2528	
4	7	Luang	Khlong	Chiang Khong	Mae Ing	3,200	1,670	2524	2528	
5	9	Nam Phrae	Yang Hom	Theong	Mae Ing	3,000	1,030	2525	2530	
6	11	San Tap Tong	Boon Ruang	Chiang Khong	Mae Ing	3,500	2,540	2527	2530	
7	12	Boon Ruang	Boon Ruang	Chiang Khong	Mae Ing	4,000	1,080	2527	2530	
8	14	Ten	Sathan	Chiang Khong	Mae Ing	4,400	2,270	2530	2531	
9	26	Khlong Tai	Khlong	Chiang Khong	Mae Ing	1,500	1,000	2535	2537	
10	28	Boon Ruang (2)	Dok Kham Tai	Chiang Khong	Mae Ing	1,500	1,000	2536	2537	
11	25	Thung Khun Chai	Wiang	Theong	Mae Lao	1,500	1,500	2535	2537	
12	25	Sri Don Chai (2)	Sri Don Chai	Chiang Khong	Mae Ing	1,500	1,500	2537	A	
13	25	Ten (2)	Sathan	Chiang Khong	Mae Ing	1,500	1,500	2538	A	
14	25	Tang Khao	Wiang	Theong	Mae Ing	1,500	1,500	2538	A	
15	25	Huai Kho	Huai Kho	Chiang Khong	Mae Ing	1,500	1,500	2538	A	
16	25	Tha Wang Pha	San Ma Kha	Pa Daed	Mae Ing	1,500	1,500	2538	A	
Total (Chiang Rai) 11 Projects						33,600	20,140			
Under Construction 5 Projects						7,500	7,500			
2. Phayao										
1	1	Rong Mek	Khong Ruang Thon	Chun	Mae Ing	3,200	1,830	2524	2526	
2	2	Phuang Pha Yom	Hong Hin	Chun	Mae Ing	4,000	1,530	2527	2531	
3	4	Mae Sai Lao	Mae Sai	Muang	Mae Ing	3,000	1,250	2530	2532	
4	5	Sri Muang Chum	Lo	Chun	Mae Ing	1,300	1,300	2533	2535	
5	6	Huai Dok Khem	Khong Suwan	Dok Kham Tai	Mae Ing	1,500	1,000	2535	2537	
6	8	Lo	Lo	Chun	Mae Ing	1,200	800	2536	2537	
7	9	Wang Khon Daeng	Huai Lan	Dok Kham Tai	Mae Ing	1,500	1,000	2536	2537	
8	10	Kha Bon	Pa Sang	Dok Kham Tai	Mae Ing	1,800	1,200	2536	2537	
9	26	Dong	Khong Suwan	Dok Kham Tai	Mae Ing	1,500	1,500	2537	A	
10	26	Neon Som Boon	Huai Lan	Dok Kham Tai	Mae Ing	1,500	1,500	2537	A	
11	26	Thung Tan Sri	Huai Lan	Dok Kham Tai	Mae Ing	1,500	1,500	2537	A	
12	26	Rong Khang	Lo	Chun	Mae Ing	1,500	1,500	2536	A	
13	26	Phuang Pha Yom(2)	Hong Hin	Chun	Mae Ing	1,500	1,500	2538	A	
Total (Phayao) 8 Projects						17,500	9,910			
Under Construction 5 Projects						7,500	7,500			
Total (Ing Basin) 19 Projects						51,100	30,050			
Under Construction 10 Projects						15,000	15,000			

Remarks : A = Under Construction

Table 8.2.11 People's Irrigation Projects in Mae Ing River Basin

No.	Project	Type of Weir	Irrigation Area (Rai)	Coordinate
1	Luk No. 1	Concrete	1,800	
2	Chao Nun	Concrete	1,020	
3	Dok Bua	Concrete	2,000	
4	Hoi Khong	Rockfill	350	
5	Tha Rong	Concrete	600	
6	Hua Ban	Concrete	550	
7	San Ton Tum	Concrete	500	
8	Luk Som Poi	Concrete	400	
9	Thung Nai Lhek	Concrete	550	
10	Kha Mae Mun	Concrete	200	
11	Hua Ban San Pa Phat	Concrete	1,260	
12	Ban San Pa Phat	Concrete	400	
13	Ton Tum	Concrete	1,400	
14	Rong Hia	Concrete	160	
15	Mae Ing Nam Lat	Concrete	220	
16	Ei Lom	Earthfill	750	
17	Noi	Earthfill	150	
18	Lo	Concrete	300	
19	Mai	Concrete	500	
20	Pu Ta or Pu Khieo	Earthfill	1,000	
21	Thung Pa Kha (Luang)	Concrete	2,250	
22	Pu Ai	Earthfill	300	
23	Pu Thue	Concrete	950	
24	Thung Nong Phu	Concrete	1,950	
25	Hat Fan	Concrete	2,200	
26	Hin Kho	Concrete	-	
27	Tha Min	Concrete	1,200	
Total			22,960	

Table 8.2.12 Large Scale and Medium Scale Irrigation Projects in Upper Nan River Basin

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Remarks
									Started	Completed	
	Regional Irrigation Office 2 (Lampang)										
	Nan										
1	Nam Korn	Nan	Chiang Klang	Phaya Kaew	Upper Nan	I	-	3,000	2523	2526	
2	Huai Nam Pua Weir and Reservoir	Nan	Chiang Klang	Phra That	Upper Nan	SI	0.95	4,000	2534	2534	
3	Nam Pua	Nan	Pua	Sathan	Upper Nan	I	-	11,200	2512	2518	
4	Chao Weir	Nan	Pua	Pua	Upper Nan	I	-	5,000	2524	2524	
	Chao Weir (System)	Nan	Pua	Pua	Upper Nan	-	-	-	2525	2525	
	Chao Weir Regulator	Nan	Pua	Pua	Upper Nan	I	-	-	2524	2524	
5	Huai Pa Klang Pond	Nan	Pua	Sila Laeng	Nan Part 2	C	-	3,500	2520	2520	
6	Nam Kaen Reservoir*	Nan	Muang	Nam Kaen	Nan Part 2	SI	3.10	4,000	2532	2533	
7	Huai Haed Reservoir*	Nan	Muang	Fai Kaew	Nan Part 2	SI	2.70	7,700	2524	2524	
8	Nam Samun	Nan	Muang	Thum Tong	Nan-Nam Samun	I	-	10,000	2508	2510	
9	Nan Basin	Nan	Muang	-	Nan Part 2	I	-	62,300	2513	2514	
10	Nam Hang Reservoir*	Nan	Na Noi	Na Noi	Nan-Nam Hang	SI	13.00	6,000	2525	2534	
11	Nam Sa	Nan	Wiang Sa	Pong Sanuk	Nan-Nam Sa	I	-	11,000	2507	2509	
12	Nam Muab Reservoir	Nan	Mae Cha Rim	Mae Cha Rim	Nan-Nam Yao	SI	0.59	3,600	2533	2534	
	Total						20.34	131,300			
	Total Upper Nan Basin										
							20.34	131,300			

Remarks : * = King's Project

S = Storage Dam or Reservoir

I = Diversion and Irrigation (Muang Fai)

C = Storage in Canal and Flood Plain Area

Table 8.2.13 Small Scale Irrigation Projects in Upper Nan River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
Regional Irrigation Office 2 (Lampang)											
	Nan										
1	Huai Lhek Reservoir	Nan	Muang	Bo	Nan Part 2	S	0.32	Domestic	2533	2533	878-023/5147II
2	Huai Pu Pan	Nan	Muang	Tum Tong	Nan-Nam Samun	SI	0.62	1,500	2529	2529	784-850/5146IV
3	Huai Hat Reservoir	Nan	Muang	Fai Kaew	Nan Part 2	I	-	2,500	2528	2528	
4	Huai Sai Khao Reservoir*	Nan	Muang	Fai Kaew	Nan Part 2	SI	0.27	200	2522	2522	900-791/5146I
5	Nam Tuan Reservoir	Nan	Muang	Fai Kaew	Nan Part 2	SI	0.37	1,500	2523	2523	988-811/5146I
6	Rang Rin Huai Laeng	Nan	Muang	Fai Kaew	Nan Part 2	I	-	200	2525	2525	
7	Huai Wha Reservoir*	Nan	Muang	Muang Chang	Nan Part 2	SI	0.72	1,400	2532	2533	942-907/5146I
8	Nam Kian Reservoir*	Nan	Muang	Nam Kaen	Nan Part 2	SI	0.71	2,500	2527	2528	956-742/5146II
9	Na Luang Weir	Nan	Muang	Nam Kaen	Nan Part 2	I	-	1,000	2528	2528	953-670/5146II
10	Huai Fah Reservoir	Nan	Muang	Nam Kaen	Nan Part 2	SI	0.31	1,300	2528	2528	955-656/5146II
11	Nam Ha Weir	Nan	Wiang Sa	Tan Chum	Nan Part 2	I	-	3,000	2520	2520	872-622/5146II
12	Na Kok Reservoir	Nan	Wiang Sa	Tan Chum	Nan Part 2	SI	1.00	2,000	2524	2524	893-622/5146II
13	Nong Ko Reservoir	Nan	Wiang Sa	Tan Chum	Nan Part 2	SI	0.38	550	2534	2535	895-596/5146II
14	Huai Na Luang Reservoir	Nan	Wiang Sa	Na Luang	Nan Part 2	I	-	1,000	2533	2533	889-647/5146II
15	Nong Bua Weir	Nan	Wiang Sa	San	Nan-Nam Hang	-	-	1,000	2520	2520	
16	Nam Muab Weir	Nan	Wiang Sa	Nam Muab	Nan Part 2	I	-	3,000	2524	2524	070-462/5145I
17	Ban Bo Hoi Yaek Weir*	Nan	Wiang Sa	Yap Hua Na	Nan-Nam Sa	I	-	500	2527	2527	486-465/5046II
18	Ban Bo Hoi Weir*	Nan	Wiang Sa	Yap Hua Na	Nan-Nam Sa	I	-	500	2527	2527	486-466/5046II
19	Kha Mae Weir	Nan	Wiang Sa	Ai Na Lai	Nan Part 2	I	-	1,000	2520	2520	
20	Huai Sa Khon Weir	Nan	Wiang Sa	Ai Na Lai	Nan-Nam Hang	I	-	350	2526	2526	817-503/5146III
21	Huai Tae Reservoir	Nan	Na Noi	Chiang Khong	Nan-Nam Hang	SI	0.43	1,200	2529	2530	858-227/5145I
22	Huai Lae Reservoir*	Nan	Na Noi	Chiang Khong	Nan-Nam Hang	SI	0.88	1,000	2533	2534	833-228/5145IV
23	Huai Nam Hok Reservoir	Nan	Na Noi	Sri Saket	Nan-Nam Hang	SI	0.40	2,000	2528	2528	871-244/5145I
24	Nam Hin Weir	Nan	Na Noi	Sathan	Nan-Nam Hang	I	-	950	2527	2527	708-210/5145IV
25	Sathan Weir	Nan	Na Noi	Sathan	Nan-Nam Hang	I	-	1,500	2530	2530	871-188/5145IV

Table 8.2.13 Small Scale Irrigation Projects in Upper Nan River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
26	Nam Hang Reservoir	Nan	Na Noi	Na Noi	Nan-Nam Hang	-	-	-	-	-	012-258/5147II
27	Huai Hang Weir	Nan	Pua	Sathan	Upper Nan	I	-	580	2521	2521	052-228/5147II
28	Huai Na Reservoir	Nan	Pua	Sathan	Upper Nan	SI	0.02	450	2526	2526	052-267/5147II
29	Huai La Reservoir	Nan	Pua	Sathan	Upper Nan	SI	0.16	800	2530	2531	
30	Huai Pa Kha Reservoir*	Nan	Pua	Sila Laeng	Nan Part 2	C	-	200	2520	2520	
31	Huai Phi Ba Weir*	Nan	Pua	Sila Laeng	Upper Nan	-	-	2,000	2520	2520	055-141/5147II
32	Huai Phi Ba Pond*	Nan	Pua	Sila Laeng	Upper Nan	C	-	200	2520	2520	
33	Ban Pa Klang Weir*	Nan	Pua	Sila Laeng	Upper Nan	I	-	2,000	2520	2520	062-156/5147II
34	Ban Pa Klang Pond*	Nan	Pua	Sila Laeng	Upper Nan	C	-	1,000	2521	2521	054-161/5147II
35	Huai Bua Reservoir	Nan	Pua	Sila Phet	Nan Part 2	SI	0.08	1,000	2523	2523	065-144/5147II
36	Huai Bua Weir (Lower)*	Nan	Pua	Sila Phet	Nan Part 2	I	-	-	2521	2521	055-141/5147II
	Huai Bua Weir (Upper)*	Nan	Pua	Sila Phet	Nan Part 2	I	-	-	2521	2521	
	Huai Bua Weir Improved*	Nan	Pua	Sila Phet	Nan Part 2	-	-	-	2522	2522	
37	Nam Yang	Nan	Pua	Sila Phet	Upper Nan	I	-	1,650	2510	2510	
38	Huai Mat Weir*	Nan	Pua	Auan	Nan-Nam Yao	I	-	1,000	2521	2521	048-028/5147II
39	Hang Wang Kha Weir	Nan	Pua	Bo Klua Nua	Nan-Nam Wa	I	-	500	2522	2522	
40	Huai Soi Reservoir	Nan	Pua	Chedi Chai	Upper Nan	SI	0.37	700	2530	2530	941-199/5147II
41	Nam Pua Basin Weir*	Nan	Chiang Klang	Pua	Upper Nan	I	-	3,000	2523	2523	053-392/5147I
42	Nam Liab Reservoir	Nan	Chiang Klang	Chiang Khan	Upper Nan	SI	1.04	1,771	2528	2529	957-287/5147II
43	Don Kaew Weir*	Nan	Chiang Klang	Phra That	Upper Nan	I	-	1,500	2520	2520	011-389/5147I
44	Huai Mun Reservoir	Nan	Chiang Klang	Phra That	Nan Part 2	SI	0.70	1,750	2534	2535	919-358/5147I
45	Ban Tham Wang Kae Weir*	Nan	Chiang Klang	Na Rai Luang	Nan-Nam Yao	I	-	120	2520	2520	
46	Ban Pang Puk Weir*	Nan	Chiang Klang	Na Rai Luang	Nan-Nam Yao	I	-	200	2523	2523	
47	Huai Pang Weir	Nan	Chiang Klang	Na Rai Luang	Nan-Nam Yao	I	-	600	2530	2530	
48	Nam Tat Weir	Nan	Chiang Klang	Na Rai Luang	Nan-Nam Yao	I	-	200	2531	2531	
49	Huai Yot Weir	Nan	Chiang Klang	Yot	Nan-Nam Yao	I	-	300	2525	2525	
50	Nam Ngum Weir	Nan	Chiang Klang	Yot	Nan-Nam Yao	SI	1.22	1,500	2531	2531	

Table 8.2.13 Small Scale Irrigation Projects in Upper Nan River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
51	Nam Ao Reservoir	Nan	Chiang Klang	Phra Phuttabat	Upper Nan	SI	0.24	1,000	2528	2528	958-399/5147I
52	Huai Puk Reservoir	Nan	Tha Wang Pha	Pa Kha	Nan Part 2	SI	1.05	1,500	2527	2528	870-113/5147II
53	Huai Mut Reservoir	Nan	Tha Wang Pha	Yom	Nan Part 2	SI	0.08	450	2526	2526	007-103/5147II
54	Sop Sai Weir	Nan	Tha Wang Pha	Tan Chum	Nan Part 2	I	-	1,250	2520	2520	866-049/5147II
55	Nam Sai Weir	Nan	Tha Wang Pha	Tan Chum	Nan Part 2	I	-	500	2522	2522	863-051/5147II
	Right Main Canal of Nam Sai Weir	Nan	Tha Wang Pha	Tan Chum	Nan Part 2	-	-	-	2522	2522	
56	Rong Mai Sang Reservoir	Nan	Tha Wang Pha	Tan Chum	Nan Part 2	SI	0.07	350	2527	2527	904-058/5147II
57	Rong Dao Reservoir	Nan	Tha Wang Pha	Tan Chum	Nan Part 2	SI	0.05	250	2527	2528	908-063/5147II
58	Huai Hai Reservoir	Nan	Tha Wang Pha	Sri Phum	Nan Part 2	SI	0.28	750	2527	2528	867-077/5147II
59	Nam Liang Weir*	Nan	Thung Chang	Pon	Upper Nan	I	-	200	2521	2521	027-640/5147II
60	Nam Pon Reservoir*	Nan	Thung Chang	Pon	Upper Nan	SI	0.26	1,850	2526	2526	031-598/5148II
61	Nam Ngob Weir	Nan	Thung Chang	Ngob	Upper Nan	I	-	200	2520	2520	989-560/5147I
62	Nam Ngop Reservoir*	Nan	Thung Chang	Ngob	Upper Nan	SI	0.08	1,000	2526	2526	008-558/5147I
63	Nam Lae Reservoir*	Nan	Thung Chang	Lae	Upper Nan	SI	0.10	2,000	2522	2522	993-459/5147I
64	Nam Sot Weir	Nan	Thung Chang	Lae	Upper Nan	I	-	1,500	2525	2525	952-498/5147I
65	Nam Liab Reservoir*	Nan	Thung Chang	Thung chang	Upper Nan	SI	0.11	2,000	2523	2523	998-448/5147I
66	Na Lao Weir	Nan	Mae Charim	Phong	Nan-Nam Yao	I	-	1,800	2531	2532	
67	Huai Phrom Weir*	Nan	Mae Charim	Nong Daeng	Nan-Nam Wa	I	-	200	2520	2522	114-704/5246III
68	Moh Muang Weir*	Nan	Mae Charim	Nong Daeng	Nan-Nam Wa	I	-	800	2520	2520	116-696/5246III
69	Na Kha Weir*	Nan	Mae Charim	Nong Daeng	Nan-Nam Wa	I	-	900	2520	2520	119-701/5246III
70	Ban Na Weir*	Nan	Mae Charim	Nong Daeng	Nan-Nam Wa	I	-	1,000	2522	2522	121-730/5246III
71	Huai Phrom Reservoir	Nan	Mae Charim	Nong Daeng	Nan-Nam Wa	SI	0.83	1,000	2529	2529	110-705/5246III
72	Klang Weir*	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	I	-	1,000	2520	2520	074-639/5146II
73	Nam Nae Weir*	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	I	-	300	2521	2521	166-616/5246III
74	Huai Nam Kin Reservoir*	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	SI	0.02	200	2522	2522	103-670/5146II
75	Huai Lae Reservoir*	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	SI	0.02	200	2522	2522	108-678/5146II
76	Ban Nam Wa Reservoir*	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	SI	0.12	300	2522	2522	135-624/5246III

Table 8.2.13 Small Scale Irrigation Projects in Upper Nan River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
	Diversion Pipe from Nam Sang Reservoir to Ban Nam Wa Reservoir*	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	-	-	-	2524	2524	
77	Huai Hia Weir	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	I	-	50	2522	2522	178-622/5246II
78	Khun Nam Nae Weir*	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	I	-	200	2522	2522	191-625/5246III
79	Huai Yang Weir*	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	I	-	200	2523	2523	136-622/5246III
80	Nam Whan Weir*	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	I	-	200	2523	2523	146-629/5246III
81	To So Weir*	Nan	Mae Charim	Nam Pai	Nan-Nam Wa	I	-	1,700	2520	2520	068-651/5146II
82	Ban Tong Weir*	Nan	Mae Charim	Mae Charim	Nan-Nam Yao	I	-	700	2520	2520	144-849/5246IV
83	Ban Ko Weir*	Nan	Mae Charim	Mae Charim	Nan-Nam Wa	I	-	600	2520	2520	148-798/5246IV
84	Huai Poon Noi Reservoir*	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	SI	0.02	2,000	2523	2523	
85	Nam Poon Weir**	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	I	-	3,000	2523	2523	254-660/5246III
86	Upper Nam Lan Reservoir	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	SI	0.05	200	2523	2523	
87	Nam Lan Reservoir**	Nan	Mae Charim	Mae Charim	Nan-Nam Wa	SI	0.12	600	2523	2523	222-641/5246III
88	Lower Nam Lan Reservoir**	Nan	Mae Charim	Moh Muang	Nan-Nam Wa	SI	0.06	200	2523	2523	
89	Huai Nam Sang Reservoir**	Nan	Mae Charim	Mae Charim	Nan-Nam Wa	SI	0.13	250	2523	2523	153-624/5246III
90	Huai Kaeng Ton Weir**	Nan	Mae Charim	Mae Charim	Nan-Nam Wa	I	-	300	2523	2523	127-595/5246III
91	Nam Ping Weir	Nan	K.A. Na Mun	Ping Luang	Nan Part 3	I	-	200	2526	2526	599-098/5145III
92	Nam Pong Reservoir*	Nan	K.A. Santisuk	Du Phong	Nan-Nam Yao	SI	1.31	3,000	2523	2523	
93	Nam Yang Reservoir*	Nan	K.A. Santisuk	Pa Lao Luang	Nan-Nam Yao	I	-	2,500	2521	2521	061-955/5146II
94	Huai Khon Kaen Reservoir 2*	Nan	K.A. Santisuk	Pa Lao Luang	Nan-Nam Yao	SI	0.37	1,000	2525	2525	036-976/5146I
95	Huai Lak Puan Reservoir*	Nan	K.A. Santisuk	Pa Lao Luang	Nan-Nam Yao	SI	0.06	200	2525	2525	047-987/5146I
96	Huai Khao Lham Reservoir*	Nan	K.A. Santisuk	Pa Lao Luang	Nan-Nam Yao	SI	0.22	1,000	2525	2525	053-973/5146I
97	Huai Khon Kaen Reservoir 1*	Nan	K.A. Santisuk	Pa Lao Luang	Nan-Nam Yao	SI	0.01	500	2525	2525	053-982/5146I
98	Ban Ri Pattana	Nan	K.A. Bo Klua	Bo Klua Nua	Upper Nan	-	-	250	2524	2524	
99	Huai Loi Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	150	2527	2527	265-095/5247II
100	Huai Ta Mao Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	50	2527	2527	273-189/5247III
101	Na Rong Hoi Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	400	2526	2527	269-184/5247III

Table 8.2.13 Small Scale Irrigation Projects in Upper Nan River Basin (cont'd)

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
102	Sa Ann Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	400	2526	2526	265-173/5247III
103	Na Tut Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	400	2526	2526	263-153/5247III
104	Huai Kao Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	300	2526	2526	273-131/5247III
105	Huai Hi Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	150	2526	2526	264-126/5247III
106	Sob Yo Weir**	Nan	K.A. Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	150	2527	2527	277-205/5247III
107	Ban Ri Pattana	Nan	K.A. Bo Klua	Bo Klua Nua	Upper Nan	-	-	250	2533	2534	358-586/5248III
108	Ban Nam Chang	Nan	K.A. Bo Klua	Khun Nan	Nan-Nam Wa	-	-	200	2535	2535	338-579/5248III
109	Nam Cham Reservoir	Nan	Muang	Muang Chang	Nan Part 2	S	0.39	Domestic	2535	2536	934-915/5146I
110	Huai Lap Mun Reservoir	Nan	Wiang Sa	Tan Chum	Nan Part 2	SI	0.71	2,000	2535	2536	946-632/5146II
111	Huai Moo Ao Reservoir	Nan	Pua	Pua	Nan Part 2	S	0.03	Domestic	2536	2536	982-188/5147II
112	Huai Pla Kang Reservoir	Nan	Pua	Pua	Nan Part 2	SI	0.41	500	2536	2536	958-399/5147I
113	Huai Nam Ao Reservoir	Nan	Chiang Klang	Pua	Upper Nan	SI	1.65	1,200	2536	2536	990-162/5147II
114	Huai Khao Lham Reservoir	Nan	Tha Wang Pha	Chom Phra	Nan Part 2	SI	0.15	500	2536	2536	081-914/5146I
115	Huai Pong Reservoir	Nan	K.A. Santisuk	Du Phong	Nan Part 2	SI	0.14	300	2536	2537	980-205/5147II
116	Huai Pa Cha Reservoir	Nan	Pua	Pua	Upper Nan	SI	0.20	1,400	2537	2537	031-969/5146I
117	Huai Din Daeng Reservoir	Nan	K.A. Santisuk	Pa Lao Luang	Nan-Nam Yao	S	0.10	Domestic	2537	2537	999-367/5147I
118	Nam Pua Weir	Nan	Chiang Klang	Phra That	Upper Nan	I	-	Domestic	2536	2537	587-066/5147II
119	Nam Kab Reservoir	Nan	Tha Wang Pha	Sri Phum	Nan Part 2	SI	0.47	1,400	2536	2537	344-793/5246IV
120	Ban Nam Tong	Nan	Mae Charim	Nam Phang	Nan-Nam Wa	I	-	Domestic	2538	2538	949-619/5146II
121	Huai Nam Haen Reservoir	Nan	Wiang Sa	Chom Chan	Nan Part 2	SI	0.37	400	2538	2539	
Total							20.28	106,171			
Total Upper Nan							20.28	106,171			

Remarks : 1. Located in Klong Wang Nam Sai Project Area (Medium Scale Irrigation Project)

2. Located in Nam Pua Project Area (Medium Scale Irrigation Project)

* = King's Project

** = National Security Development Project

S = Storage Dam or Reservoir

C = Storage in Canal and Flood Plain Area

I = Diversion and Irrigation (Muang Fai)

NAN-UPC2.XLS(2)

Table 8.2.14 DEDP Pumping Projects in Upper Nan River Basin

No.	Project	Tambon	Amphoe	Project Area (Rai)	Irrigation Area (Rai)	Started	Completed	Coordinate
1	Nan Boon Ruang	Lai Nan	Wiang Sa	500	500	2532	2534	
2	Lai Nan	Lai Nan	Wiang Sa	2,000	2,000	2525	2527	
3	San	San	Wiang Sa	2,000	1,500	2525	2526	
4	Mai-Phi Ngam	San	Wiang Sa	1,200	1,200	2534	2536	
5	Sathan	Nam Pua	Wiang Sa	2,800	2,640	2525	2527	
6	Huai Kaew	Nam Pua	Wiang Sa	1,200	1,200	2534	2535	
7	Nam Pua	Nam Pua	Wiang Sa	2,700	1,310	2528	2530	
8	Muang Ram	Na Luang	Wiang Sa	1,000	1,000	2531	2535	
9	Na Luang Nok	Na Luang	Wiang Sa	2,000	2,000	2525	2527	
10	Khrok Dam	Tan Chum	Wiang Sa	1,200	1,200	2534	2536	
11	Tan Chum (3)	Tan Chum	Wiang Sa	1,200	1,200	2534	2536	
12	Tit	Tan Chum	Wiang Sa	1,000	1,000	2533	2535	
13	Tan Chum (1)	Tan Chum	Wiang Sa	2,800	1,510	2525	2525	
14	Khung Tai-Ngiu Ngam	Khung	Wiang Sa	3,200	3,150	2525	2526	
15	Tha Li	Khung	Wiang Sa	500	500	2532	2534	
16	Nong	Klang Wiang	Wiang Sa	1,400	1,400	2533	2534	
17	Muang Chang Nua	Muang Chang	Muang	2,500	2,500	2525	2528	
18	Muang Chang Tai	Muang Chang	Muang	1,800	1,020	2525	2527	
19	Rong Tong	Muang Tuk	Muang	2,000	1,160	2534	2535	
20	Hua Na	Na Pang	Muang	2,900	1,370	2533	2534	
21	Tha Nao	Tha Nao	Muang	1,000	1,000	2534	2535	
22	Du Tai	Du Tai	Muang	2,200	1,320	2523	2525	
23	Chiang Rai	Du Tai	Muang	1,200	1,200	2534	2536	
24	Chedi	Du Tai	Muang	1,500	950	2523	2525	
25	Na Pha	Kong Khwai	Muang	1,000	1,000	2531	2531	
26	Nam Khrok Mai	Kong Khwai	Muang	1,000	1,000	2532	2534	
27	Tha Lo	Fai Kaew	Muang	2,800	1,200	2534	2536	
28	Khang Thi	Fai Kaew	Muang	1,800	1,650	2526	2530	

Table 8.2.14 DEDP Pumping Projects in Upper Nan River Basin

No.	Project	Tambon	Amphoe	Project Area (Rai)	Irrigation Area (Rai)	Started	Completed	Coordinate
29	Pong Sanuk	Chedi Chai	Pua	1,200	1,200	2525	2527	
30	Hua Muang	Ngaeng	Pua	2,000	1,580	2524	2526	
31	Tan Chum (2)	Sri Phum	Tha Wang Pha	2,000	1,170	2530	2535	
32	Na Nun (2) Pu Kha	Rim	Tha Wang Pha	2,000	1,800	2525	2527	
33	Chiang Lae	Rim	Tha Wang Pha	900	900	2532	2534	
34	Na Tao	Rim	Tha Wang Pha	1,500	1,000	2532	2538	
35	Nae	Pha Toe	Tha Wang Pha	1,000	1,000	2533	2535	
36	Wang Wa	Tha Wang Pha	Tha Wang Pha	2,500	1,950	2525	2527	
37	Cha Wa	Phra Phuttabat	Chiang Klang	3,000	1,120	2528	2530	
38	Lao	Phra Phuttabat	Chiang Klang	2,100	1,250	2533	2535	
39	Don Thaen	Chiang Khan	Chiang Klang	2,500	1,030	2528	2530	
40	Kho Wang	Du Tai	Muang	2,000	1,400	2536	2539	
41	Tha Kham	Lai Nan	Wiang Sa	500	481	2536	2539	
42	Khung Tai (2)	Khung	Wiang Sa	500	500	2537	2539	
43	Wang Muang	Chedi Chai	Pua	1,500	900	2537	2539	
44	Tha Lo-Nong Nguak	Ngaeng	Pua	1,500	1,234	2538	2539	
45	Don Chai	Wiang Klang	Wiang Sa	1,500	900	2538	2539	
46	Sa Luk	San	Wiang Sa	1,500	766	2538	2539	
47	Sa Nian	Sa Nian	Muang	1,300	0	2536	E	
48	Don Nam Khrok	Kong Khwai	Muang	1,500	0	2538	E	
49	Hat Det	Muang Chang	Muang	1,500	0	2538	E	
50	Huai Pu Chang	Khung	Wiang Sa	1,500	0	2538	E	
51	Don Kaeng	Tan Chum	Tha Wang Pha	1,500	0	2539	E	
52	Mai Santi Phap	Nam Pua	Wiang Sa	2,431	0	2540	E	
Total 46 Stations				78,100	58,861			
Total Upper Nan Basin 46 Stations				78,100	58,861			
Waited for Electrical System 6 Stations				9,731	9,731			

Remarks : E = Waited for Electrical System

Table 8.2.15 Border Self-Defense Village Projects in Upper Nan River Basin

No.	Project	Changwat	Amphoe	Tambon	Basin	Type	Storage Capacity (MCM)	Irrigation Area (Rai)	Construction Period (B.E.)		Coordinate
									Started	Completed	
	Regional Irrigation Office 2 (Lampang)										
	Nan										
1	Ban Huai Sa Tang Weir and System	Nan	Thung Chang	Ngob	Upper Nan	I	-	Domestic	2531	2531	
2	Ban Huai Sa Tang Weir Improved	Nan	Thung Chang	Ngob	Upper Nan	C	-	Domestic	2535	2535	
3	Ban Lhu Mai and System	Nan	Chiang Klang	Chon Daen	Nan-Nam Yao	I	-	Domestic	2531	2531	
4	Ban Na Kok and System	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	Domestic	2531	2531	
5	Ban Na Kok Pond	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	C	-	50	2535	2535	
6	Ban Na Khao and System	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	Domestic	2531	2531	
7	Ban Sob Mang and system	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	Domestic	2531	2531	
8	Huai Sali Weir	Nan	Wiang Sa	Nam Muab	Nan Part 3	I	-	200	2532	2532	
9	Nam Siang System	Nan	Thung Chang	Pon	Upper Nan	-	-	Domestic	2533	2533	
10	Ban Phak Hiak and Ban Na Khwang System	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	Domestic	2535	2535	
11	Ban Sob Yang Weir and System	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	Domestic	2535	2535	
12	Ban Nam Sot System	Nan	Thung Chang	Lae	Upper Nan	I	-	-	2537	2537	
13	Na Tit Weir and System	Nan	Bo Klua	Bo Klua Tai	Nan-Nam Wa	I	-	500	2537	2537	
14	Ban Pong Tom Weir and System	Nan	Bo Klua	Khun Nan	Nan-Nam Wa	I	-	400	2537	2537	
15	Ban Mae Sa Nan and System	Nan	K.A. Santisuk	Phong	Nan-Nam Yao	I	-	-	2537	2537	
16	Ban Sa Wa Weir	Nan	Bo Klua	Bo Klua Nua	Nan-Nam Wa	I	-	300	2538	2538	
17	Ban Don Phrai Wan and System*	Nan	K.A. Santisuk	Phong	Nan-Nam Yao	I	-	100	2538	2538	
18	Ban King Nam 2 and System*	Nan	Mae Charim	Nam Pang	Nan-Nam Wa	I	-	-	2538	2538	
	Total						-	1,550			
	Total Upper nan						-	1,550			

Remarks : S = Storage Dam or Reservoir

C = Storage in Canal and Flood Plain Area

I = Diversion and Irrigation (Muang Fai)

* = King's Project