

## ภาคผนวก ข

ข-1 ปริมาตรที่ใช้ในการกักเก็บของเขื่อนคลองสะเดา ในปี 1979

### VOLUME COMPUTATIONS

#### UPPER SURFACE

Grid File: C:/SURFER6/VOLUME2532.GRD  
Grid size as read: 50 cols by 42 rows  
Delta X: 104.592  
Delta Y: 103.049  
X-Range: 723850 to 728975  
Y-Range: 665775 to 670000  
Z-Range: 41.2285 to 121.112

#### LOWER SURFACE

Level Surface defined by Z = 68 เมตร MSL (ระดับน้ำกักเก็บสูงสุด)

#### VOLUMES

Approximated Volume by  
Trapezoidal Rule: 1.30254E+008  
Simpson's Rule: 1.30201E+008  
Simpson's 3/8 Rule: 1.30108E+008

#### CUT & FILL VOLUMES

Positive Volume [Cut]: 1.82043E+008  
Negative Volume [Fill]: 5.18015E+007 = 51.8015 ล้านลูกบาศก์เมตร  
Cut minus Fill: 1.30242E+008

#### AREAS

Positive Planar Area  
(Upper above Lower): 1.45285E+007  
Negative Planar Area  
(Lower above Upper): 7.12466E+006  
Blanked Planar Area: 0  
Total Planar Area: 2.16531E+007  
Positive Surface Area  
(Upper above Lower): 1.45452E+007  
Negative Surface Area  
(Lower above Upper): 7.1353E+006

## LOWER SURFACE

Level Surface defined by Z = 52 เมตร MSL (ระดับน้ำกักเก็บต่ำสุด)

## VOLUMES

Approximated Volume by

Trapezoidal Rule: 4.76704E+008

Simpson's Rule: 4.76651E+008

Simpson's 3/8 Rule: 4.76558E+008

## CUT & FILL VOLUMES

Positive Volume [Cut]: 4.77215E+008

Negative Volume [Fill]: 523583 ลูกบาศก์เมตร

Cut minus Fill: 4.76692E+008

## AREAS

Positive Planar Area

(Upper above Lower): 2.13405E+007

Negative Planar Area

(Lower above Upper): 312633

Blanked Planar Area: 0

Total Planar Area: 2.16531E+007

Positive Surface Area

(Upper above Lower): 2.13674E+007

Negative Surface Area

(Lower above Upper): 313031

## ช-2 ปริมาตรที่ใช้ในการกักเก็บของเขื่อนคลองสะเดา ในปี 2001

### VOLUME COMPUTATIONS

#### UPPER SURFACE

Grid File: F:/SURFER6/KSD2544.GRD

Grid size as read: 50 cols by 49 rows

Delta X: 104.592

Delta Y: 88.0208

X-Range: 723850 to 728975

Y-Range: 665775 to 670000

Z-Range: 40.6318 to 120.025

#### LOWER SURFACE

Level Surface defined by  $Z = 68$  เมตร MSL (ระดับน้ำกักเก็บสูงสุด)

#### VOLUMES

Approximated Volume by

Trapezoidal Rule:  $1.38475E+008$

Simpson's Rule:  $1.38254E+008$

Simpson's 3/8 Rule:  $1.37764E+008$

#### CUT & FILL VOLUMES

Positive Volume [Cut]:  $1.90174E+008$

Negative Volume [Fill]:  $5.1702E+007 = 51.702$  ล้านลูกบาศก์เมตร

Cut minus Fill:  $1.38472E+008$

#### AREAS

Positive Planar Area

(Upper above Lower):  $1.45393E+007$

Negative Planar Area

(Lower above Upper):  $7.1138E+006$

Blanked Planar Area: 0

Total Planar Area:  $2.16531E+007$

Positive Surface Area

(Upper above Lower):  $1.45562E+007$

Negative Surface Area

(Lower above Upper):  $7.12483E+006$