

Eassalu IX uuringuruumis välja eraldatud aktiivse tarbevaru 30. ploki katendi maht ja varu maht aktiivse tarbevaru plokis 30 ja aktiivse tarbevaru plokis 31. Arvutiprogramm Surfer raport.

Katendi (muld) maht

Grid Volume Computations

Upper Surface

Grid File Name: I:\LEPINGUD III\EASSALU MAARDLA\EASSALU IX
DOZERLAND\SURFER 2025\outtopo.grd
Grid Size: 753 rows x 641 columns
X Minimum: 511598.52
X Maximum: 512238.359
X Spacing: 0.99974843749997
Y Minimum: 6472719.38
Y Maximum: 6473471.265
Y Spacing: 0.99984707446779
Z Minimum: 17.061067043899
Z Maximum: 23.737025965039

Lower Surface

Grid File Name: I:\LEPINGUD III\EASSALU MAARDLA\EASSALU IX
DOZERLAND\SURFER 2025\outkatend.grd
Grid Size: 753 rows x 641 columns
X Minimum: 511598.52
X Maximum: 512238.359
X Spacing: 0.99974843749997
Y Minimum: 6472719.38
Y Maximum: 6473471.265
Y Spacing: 0.99984707446779
Z Minimum: 16.261067043899
Z Maximum: 23.00638511274

Volumes

Z Scale Factor: 1

Total Volumes by:

Trapezoidal Rule: 25685.640019547
Simpson's Rule: 25685.445809496
Simpson's 3/8 Rule: 25686.465542113

Cut & Fill Volumes

Positive Volume [Cut]: 25685.659537352
Negative Volume [Fill]: 0.019517798495694
Net Volume [Cut-Fill]: 25685.640019554 **ehk katendi (muld)
maht kokku on 26,0 tuh m³.**

Varu maht kokku

Grid Volume Computations

Upper Surface

Grid File Name: I:\LEPINGUD III\EASSALU MAARDLA\EASSALU IX
DOZERLAND\SURFER 2025\outkatend.grd
Grid Size: 753 rows x 641 columns
X Minimum: 511598.52
X Maximum: 512238.359
X Spacing: 0.99974843749997
Y Minimum: 6472719.38
Y Maximum: 6473471.265
Y Spacing: 0.99984707446779
Z Minimum: 16.261067043899
Z Maximum: 23.00638511274

Lower Surface

Grid File Name: I:\LEPINGUD III\EASSALU MAARDLA\EASSALU IX
DOZERLAND\SURFER 2025\outlamam.grd
Grid Size: 753 rows x 641 columns
X Minimum: 511598.52
X Maximum: 512238.359
X Spacing: 0.99974843749997
Y Minimum: 6472719.38
Y Maximum: 6473471.251
Y Spacing: 0.99982845744718
Z Minimum: 14.27311589451
Z Maximum: 18.28569062908

Volumes

Z Scale Factor: 1

Total Volumes by:

Trapezoidal Rule: 182268.24174753
Simpson's Rule: 182271.44593411
Simpson's 3/8 Rule: 182268.10299693

Cut & Fill Volumes

Positive Volume [Cut]: 182268.24174754
Negative Volume [Fill]: 0
Net Volume [Cut-Fill]: 182268.24174754

**ehk varu maht plokis 30 ja plokis 31 on kokku 182
tuh m³.**

Varu maht veetaseme absoluutsest kõrgusest 17,3 m madalamal (plokk 31 aT)

Grid Volume Computations

Upper Surface

Level Surface defined by $Z = 17.3$

Lower Surface

Grid File Name:	I:\LEPINGUD III\EASSALU MAARDLA\EASSALU IX
DOZERLAND\SURFER 2025\outlamam.grd	
Grid Size:	753 rows x 641 columns
X Minimum:	511598.52
X Maximum:	512238.359
X Spacing:	0.99974843749997
Y Minimum:	6472719.38
Y Maximum:	6473471.251
Y Spacing:	0.99982845744718
Z Minimum:	14.27311589451
Z Maximum:	18.28569062908

Volumes

Z Scale Factor:	1
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Total Volumes by:

Trapezoidal Rule:	45264.719771628
Simpson's Rule:	45266.279670499
Simpson's 3/8 Rule:	45261.929285671

Cut & Fill Volumes

Positive Volume [Cut]:	48803.048059514 ehk varu maht veetasemest madalamal on 49 tuh m³
Negative Volume [Fill]:	3538.3282878863
Net Volume [Cut-Fill]:	45264.719771628

Eassalu IX uuringuruumi ehitusliiva aktiivse tarbevaru 31. ploki varu maht on **49 tuh m³** (põhjaveetaseme keskmine abs kõrgus on 17,30 m). Seega on põhjaveetasemest (keskmine abs kõrgus 17,30 m) kõrgemale jääva ehitusliiva aktiivse tarbevaru 30. ploki maht **133 tuh m³** (182-49).