

PM10 and Settling Dust

Results Summary

Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM10

PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
24-HR	1ST	185.21292	ug/m^3	748985.00	4517872.00	27.09	0.00	235.00	2.12.2020, 24
24-HR	35TH	82.06883	ug/m^3	748985.00	4517872.00	27.09	0.00	235.00	8.09.2020, 24
ANNUAL		31.69729	ug/m^3	759385.00	4514472.00	54.76	0.00	54.76	
24		83.00000	COUNT	732985.00	4517072.00	42.31	0.00	411.00	

PM10 - Deposition - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
24-HR	1ST	0.08856	g/m^2	738985.00	4515672.00	20.57	0.00	59.00	
24-HR	35TH	0.02692	g/m^2	738985.00	4515672.00	20.57	0.00	59.00	
ANNUAL		2.71533	g/m^2	738985.00	4515672.00	20.57	0.00	59.00	

PROJECT TITLE:

**Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM10**

COMMENTS:

24-Hr PM10

SOURCES:

44

RECEPTORS:

1482

OUTPUT TYPE:

Concentration

MAX:

185 ug/m³

COMPANY NAME:

**Metgün-Eze-Atis Joint
Venture**

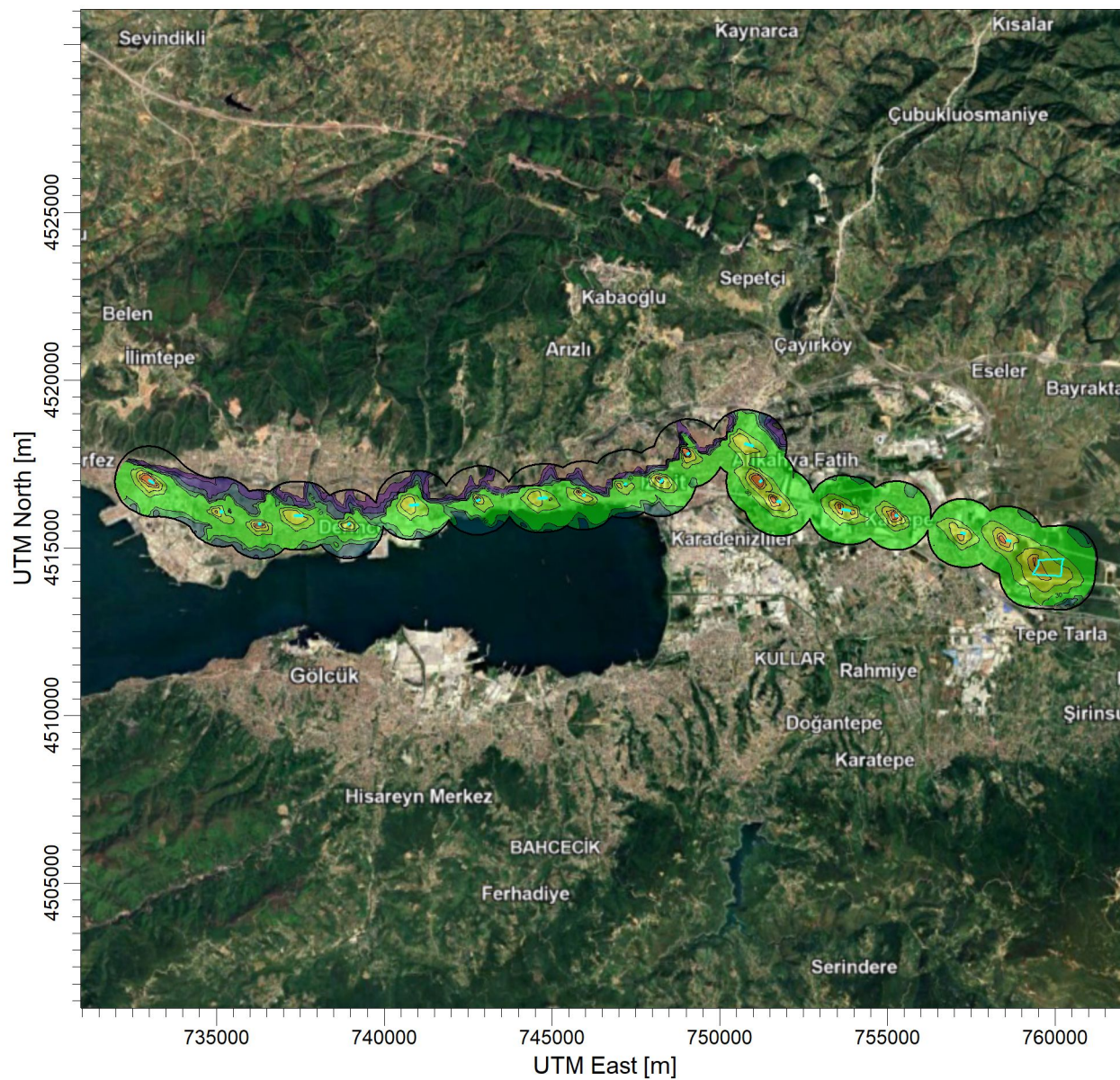
SCALE:

1:202,789

0 5 km

PROJECT NO.:

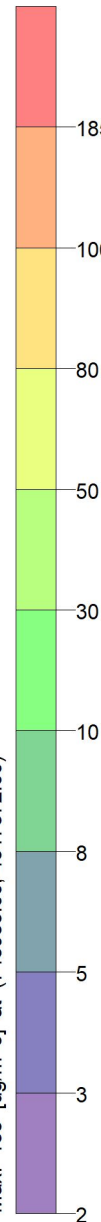
R00



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

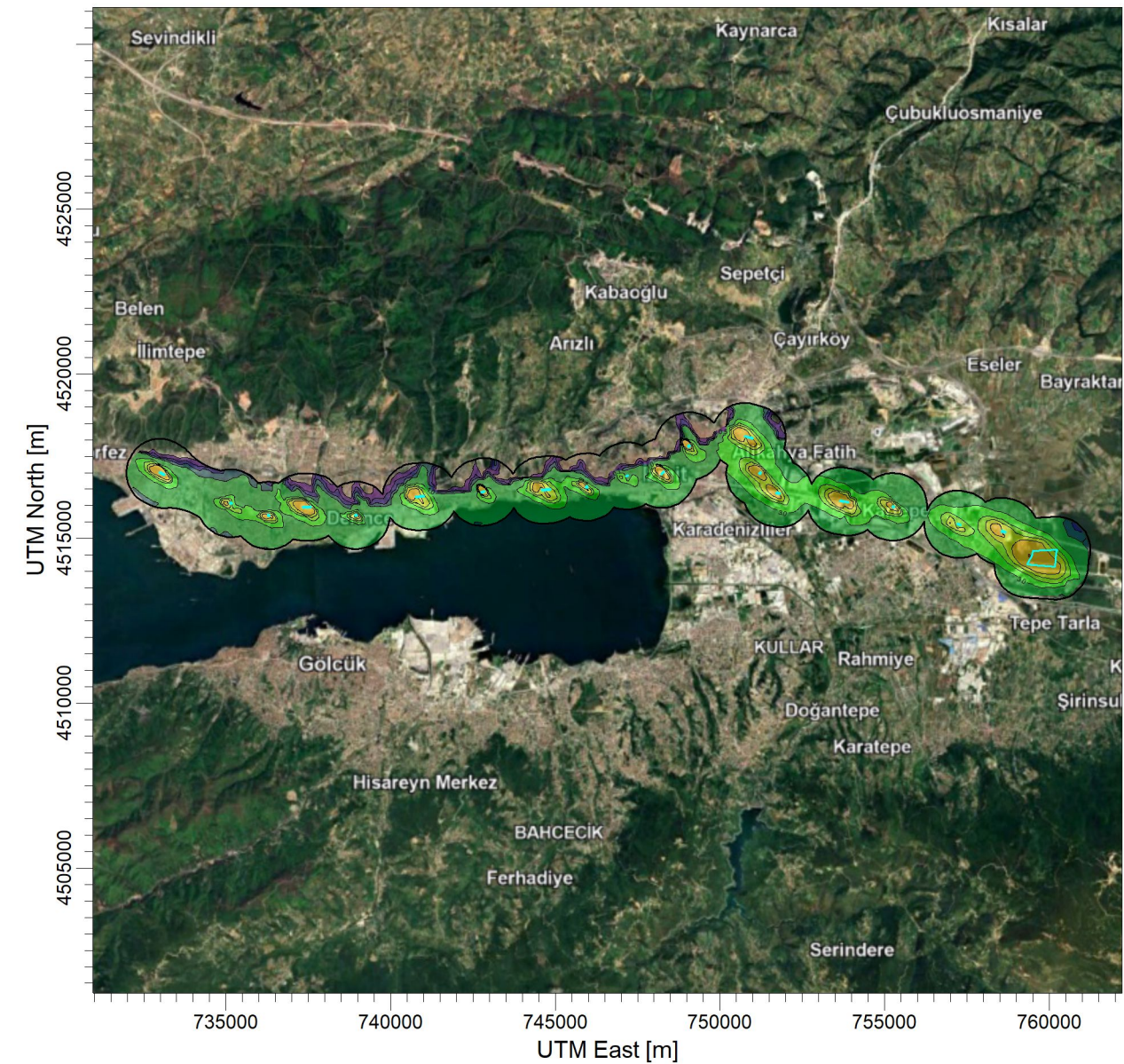
ug/m³

Max: 185 [ug/m³] at (748985.00, 4517872.00)



PROJECT TITLE:
**Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM10**

COMMENTS:
Annual PM10



ug/m³

31.7

30.0

10.0

7.0

5.0

3.0

1.0

0.7

0.5

0.3

PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 1 YEARS FOR SOURCE GROUP: ALL
Max: 31.7 [ug/m³] at (759385.00, 4514472.00)

SOURCES:

44

RECEPTORS:

1482

OUTPUT TYPE:
Concentration

MAX:
31.7 ug/m³

COMPANY NAME:
**Metgün-Eze-Atis Joint
Venture**

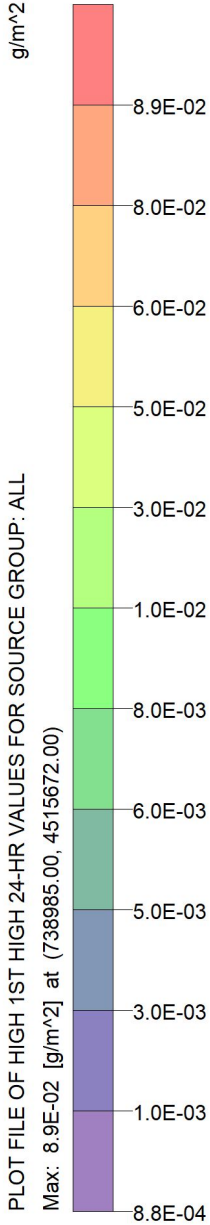
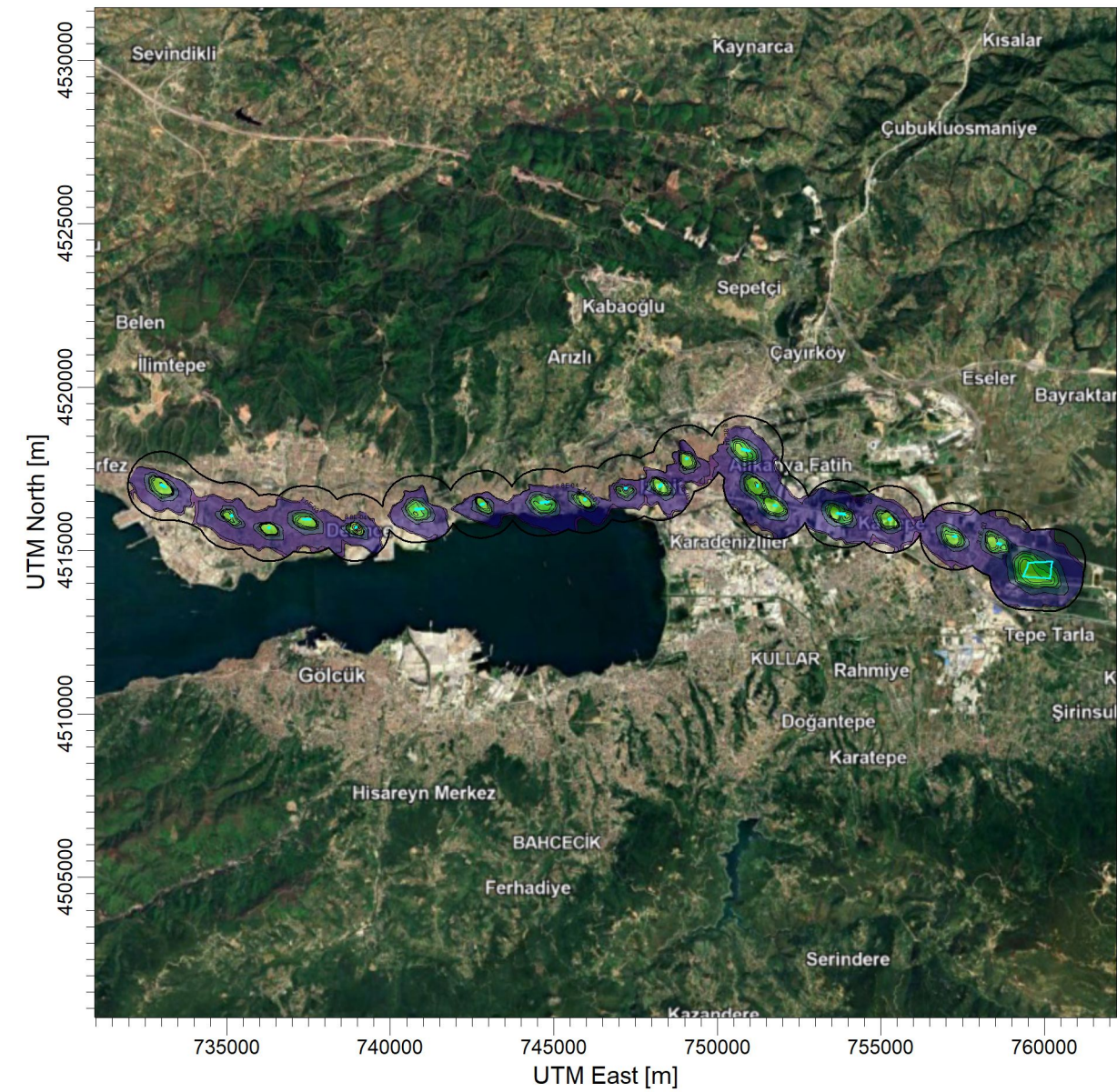
SCALE: 1:203,792

0 5 km

PROJECT NO.:
R00

PROJECT TITLE:
**Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM10**

COMMENTS:
24-Hr Settled Dust



PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL
Max: 8.9E-02 [g/m²] at (738985.00, 4515672.00)

SOURCES:

44

RECEPTORS:

1482

OUTPUT TYPE:

Total Depos.

MAX:

8.9E-02 g/m²

COMPANY NAME:

**Metgün-Eze-Atis Joint
Venture**

SCALE:

1:210,384

0

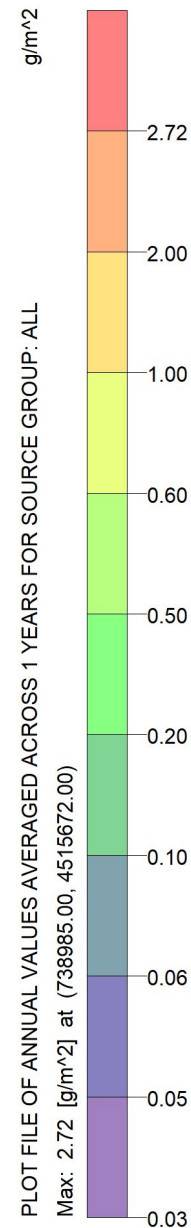
5 km

PROJECT NO.:

R00

Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM10

Annual Settled Dust



44

1482

Total Depos.

2.72 g/m²

Metgün-Eze-Atis Joint Venture

1:203,792

A scale bar representing a distance of 5 km. It is divided into four equal segments by three vertical tick marks. The label '0' is at the left end and '5 km' is at the right end.

R00

PM2.5

Results Summary

Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM2.5

PM2.5 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
24-HR	1ST	62.12703	ug/m^3	748985.00	4517872.00	27.09	0.00	235.00	2.12.2020, 24
ANNUAL		9.78163	ug/m^3	759385.00	4514472.00	54.76	0.00	54.76	

PROJECT TITLE:

**Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM2.5**

COMMENTS:

24-Hr PM2.5

SOURCES:

44

RECEPTORS:

1482

OUTPUT TYPE:

Concentration

MAX:

62.1 ug/m³

COMPANY NAME:

**Metgün-Eze-Atis Joint
Venture**

SCALE:

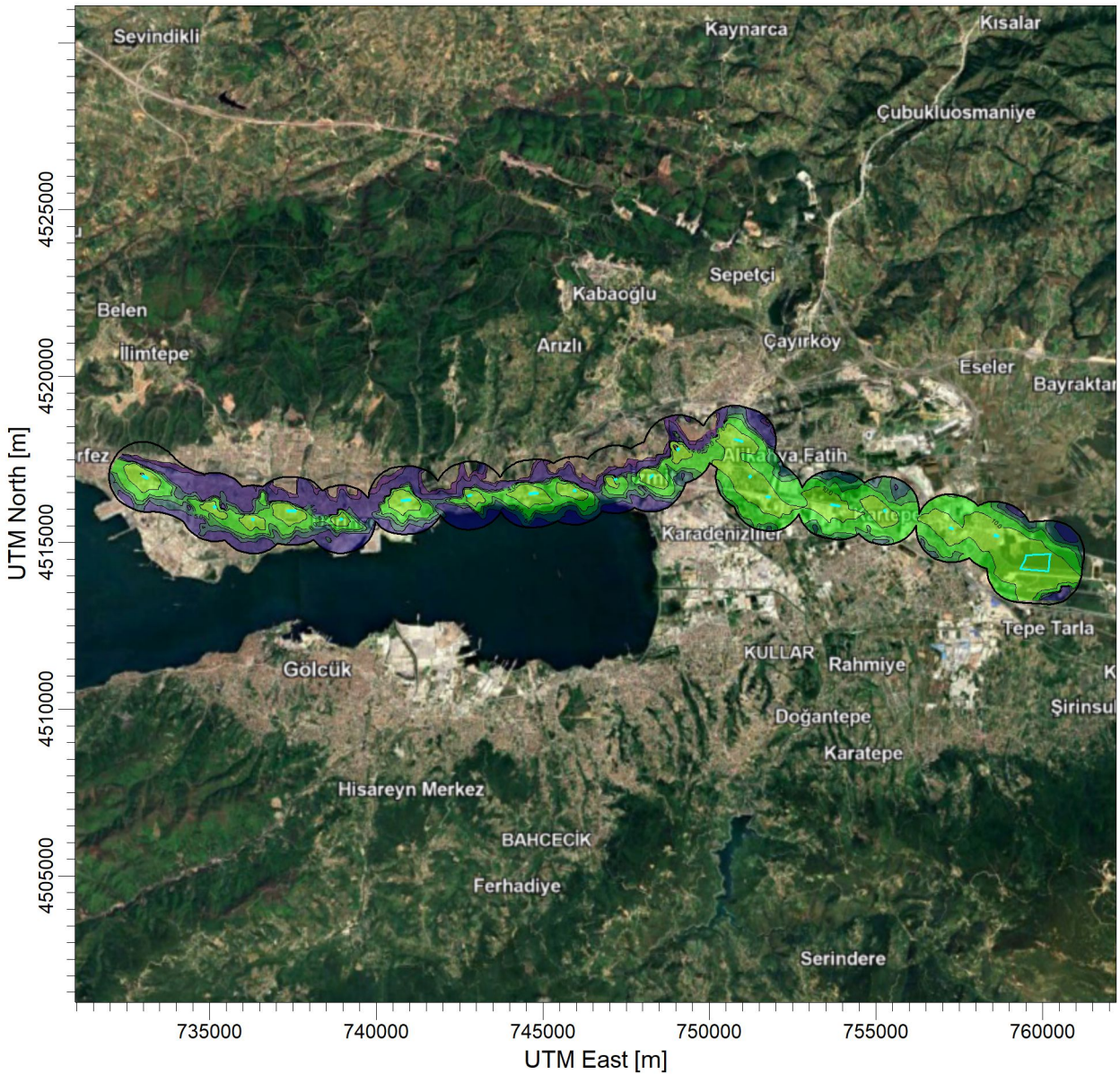
1:203,792

0

5 km

PROJECT NO.:

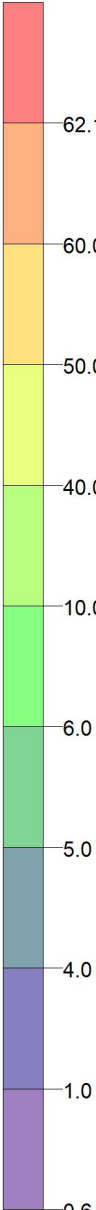
R00



ug/m³

PLOT FILE OF HIGH 1ST HIGH 24-HR VALUES FOR SOURCE GROUP: ALL

Max: 62.1 [ug/m³] at (748985.00, 4517872.00)

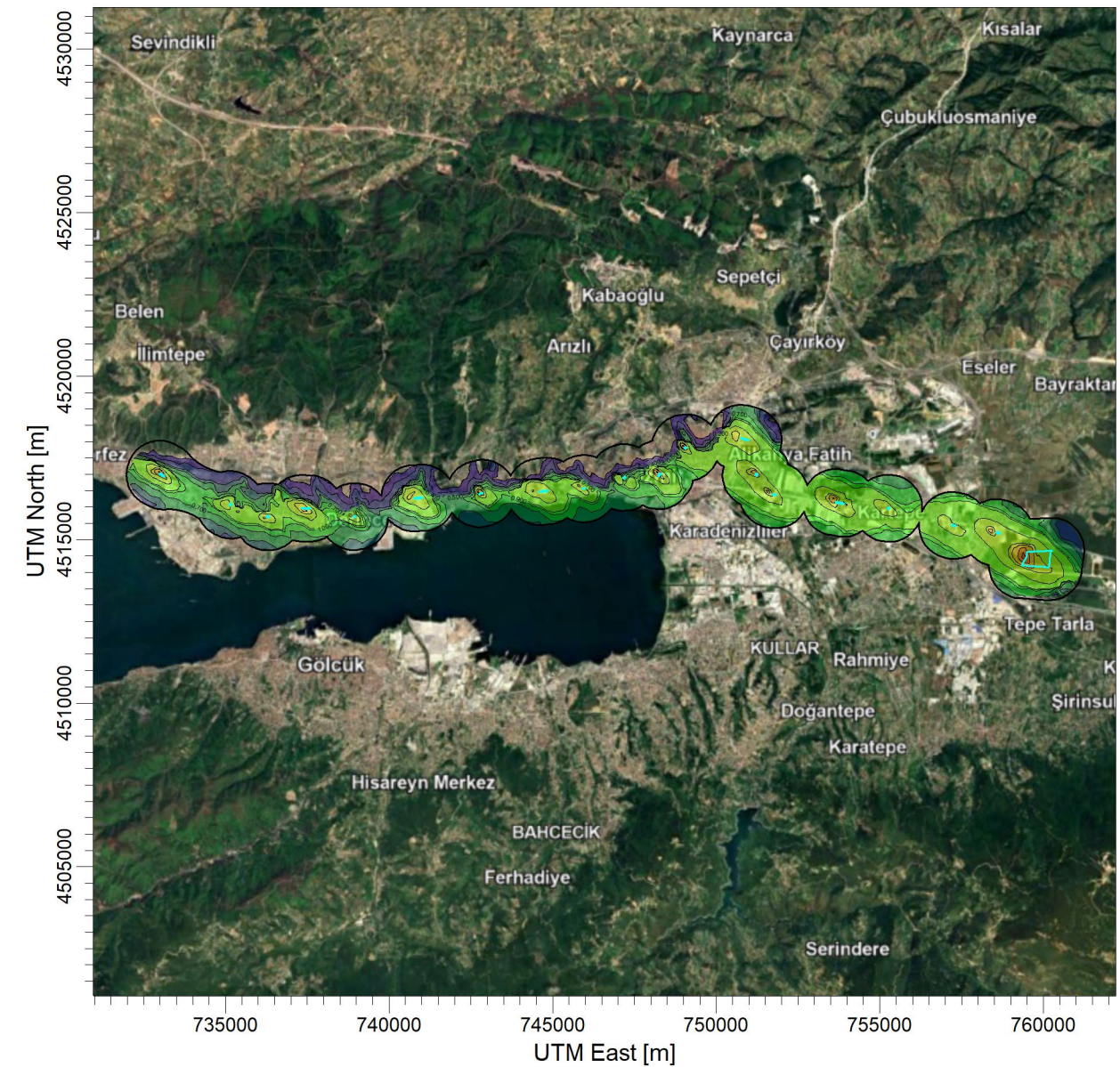


PROJECT TITLE:

**Kocaeli North Light-Rail Transit (Körfezray Metro) Project
PM2.5**

COMMENTS:

Annual PM2.5



ug/m³

PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 1 YEARS FOR SOURCE GROUP: ALL

Max: 9.782 [ug/m³] at (759385.00, 4514472.00)

SOURCES:

44

RECEPTORS:

1482

OUTPUT TYPE:

Concentration

MAX:

9.782 ug/m³

COMPANY NAME:

**Metgün-Eze-Atis Joint
Venture**

SCALE:

1:205,828

0

5 km

PROJECT NO.:

R00