

ISCST3x VERSION 4.4.3
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Run Began on 4/20/2008 at 16:57:06

** BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling
Trains\Napa\05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.dat

** Trinity Consultants

CO STARTING
CO TITLEONE NCRA Cumulative DPM Impacts
CO TITLETWO Maximum train overlap at North/South Bound Direction
CO MODELOPT DFAULT CONC URBAN
CO AVERTIME ANNUAL
CO POLLUTID OTHER
CO TERRHGTS FLAT
CO FLAGPOLE 1.2
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION NCRA_S1 AREA -4.5 135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S2 AREA -4.5 45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S3 AREA -4.5 -45.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S4 AREA -4.5 -135.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO LOCATION NCRA_S5 AREA -4.5 -225.0 0
** SRCDESCR NCRA Cumulative Trains 2, 3 &4_North-South
SO SRCPARAM NCRA_S1 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S2 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S3 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S4 2.110000E-08 4.953 9 90 0 2.3
SO SRCPARAM NCRA_S5 2.110000E-08 4.953 9 90 0 2.3
SO SRCGROUP NCRA_S1 NCRA_S1
SO SRCGROUP NCRA_S2 NCRA_S2
SO SRCGROUP NCRA_S3 NCRA_S3
SO SRCGROUP NCRA_S4 NCRA_S4
SO SRCGROUP NCRA_S5 NCRA_S5
SO SRCGROUP ALL
SO FINISHED

RE STARTING

RE DISCCART	-100.0	-250.0	1.2
RE DISCCART	-90.0	-250.0	1.2
RE DISCCART	-80.0	-250.0	1.2
RE DISCCART	-70.0	-250.0	1.2
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RE DISCCART	-17.0	-250.0	1.2
RE DISCCART	-15.0	-250.0	1.2
RE DISCCART	-13.0	-250.0	1.2
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RE DISCCART	13.0	-250.0	1.2
RE DISCCART	15.0	-250.0	1.2
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RE DISCCART	70.0	-250.0	1.2
RE DISCCART	80.0	-250.0	1.2
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RE DISCCART	-13.0	-240.0	1.2

RE DISCCART -11.0 -240.0 1.2
RE DISCCART -9.0 -240.0 1.2
RE DISCCART 9.0 -240.0 1.2
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RE DISCCART 70.0 -230.0 1.2

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RE DISCCART	-25.0	-210.0	1.2
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RE DISCCART	30.0	-170.0	1.2

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RE DISCCART	-20.0	-150.0	1.2
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RE DISCCART	-100.0	-130.0	1.2
RE DISCCART	-90.0	-130.0	1.2
RE DISCCART	-80.0	-130.0	1.2
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RE DISCCART	13.0	-130.0	1.2
RE DISCCART	15.0	-130.0	1.2
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RE DISCCART	90.0	-130.0	1.2
RE DISCCART	100.0	-130.0	1.2
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RE DISCCART	40.0	160.0	1.2
RE DISCCART	50.0	160.0	1.2
RE DISCCART	60.0	160.0	1.2
RE DISCCART	70.0	160.0	1.2
RE DISCCART	80.0	160.0	1.2
RE DISCCART	90.0	160.0	1.2
RE DISCCART	100.0	160.0	1.2
RE DISCCART	-100.0	170.0	1.2
RE DISCCART	-90.0	170.0	1.2
RE DISCCART	-80.0	170.0	1.2
RE DISCCART	-70.0	170.0	1.2
RE DISCCART	-60.0	170.0	1.2
RE DISCCART	-50.0	170.0	1.2
RE DISCCART	-40.0	170.0	1.2
RE DISCCART	-30.0	170.0	1.2
RE DISCCART	-25.0	170.0	1.2
RE DISCCART	-20.0	170.0	1.2
RE DISCCART	-17.0	170.0	1.2
RE DISCCART	-15.0	170.0	1.2
RE DISCCART	-13.0	170.0	1.2
RE DISCCART	-11.0	170.0	1.2
RE DISCCART	-9.0	170.0	1.2

RE DISCCART	9.0	170.0	1.2
RE DISCCART	11.0	170.0	1.2
RE DISCCART	13.0	170.0	1.2
RE DISCCART	15.0	170.0	1.2
RE DISCCART	17.0	170.0	1.2
RE DISCCART	20.0	170.0	1.2
RE DISCCART	25.0	170.0	1.2
RE DISCCART	30.0	170.0	1.2
RE DISCCART	40.0	170.0	1.2
RE DISCCART	50.0	170.0	1.2
RE DISCCART	60.0	170.0	1.2
RE DISCCART	70.0	170.0	1.2
RE DISCCART	80.0	170.0	1.2
RE DISCCART	90.0	170.0	1.2
RE DISCCART	100.0	170.0	1.2
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RE DISCCART	-80.0	180.0	1.2
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RE DISCCART	-60.0	180.0	1.2
RE DISCCART	-50.0	180.0	1.2
RE DISCCART	-40.0	180.0	1.2
RE DISCCART	-30.0	180.0	1.2
RE DISCCART	-25.0	180.0	1.2
RE DISCCART	-20.0	180.0	1.2
RE DISCCART	-17.0	180.0	1.2
RE DISCCART	-15.0	180.0	1.2
RE DISCCART	-13.0	180.0	1.2
RE DISCCART	-11.0	180.0	1.2
RE DISCCART	-9.0	180.0	1.2
RE DISCCART	9.0	180.0	1.2
RE DISCCART	11.0	180.0	1.2
RE DISCCART	13.0	180.0	1.2
RE DISCCART	15.0	180.0	1.2
RE DISCCART	17.0	180.0	1.2
RE DISCCART	20.0	180.0	1.2
RE DISCCART	25.0	180.0	1.2
RE DISCCART	30.0	180.0	1.2
RE DISCCART	40.0	180.0	1.2
RE DISCCART	50.0	180.0	1.2
RE DISCCART	60.0	180.0	1.2
RE DISCCART	70.0	180.0	1.2
RE DISCCART	80.0	180.0	1.2
RE DISCCART	90.0	180.0	1.2

RE DISCCART	100.0	180.0	1.2
RE DISCCART	-100.0	190.0	1.2
RE DISCCART	-90.0	190.0	1.2
RE DISCCART	-80.0	190.0	1.2
RE DISCCART	-70.0	190.0	1.2
RE DISCCART	-60.0	190.0	1.2
RE DISCCART	-50.0	190.0	1.2
RE DISCCART	-40.0	190.0	1.2
RE DISCCART	-30.0	190.0	1.2
RE DISCCART	-25.0	190.0	1.2
RE DISCCART	-20.0	190.0	1.2
RE DISCCART	-17.0	190.0	1.2
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RE DISCCART	-11.0	190.0	1.2
RE DISCCART	-9.0	190.0	1.2
RE DISCCART	9.0	190.0	1.2
RE DISCCART	11.0	190.0	1.2
RE DISCCART	13.0	190.0	1.2
RE DISCCART	15.0	190.0	1.2
RE DISCCART	17.0	190.0	1.2
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RE DISCCART	25.0	190.0	1.2
RE DISCCART	30.0	190.0	1.2
RE DISCCART	40.0	190.0	1.2
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RE DISCCART	60.0	190.0	1.2
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RE DISCCART	90.0	190.0	1.2
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RE DISCCART	-90.0	200.0	1.2
RE DISCCART	-80.0	200.0	1.2
RE DISCCART	-70.0	200.0	1.2
RE DISCCART	-60.0	200.0	1.2
RE DISCCART	-50.0	200.0	1.2
RE DISCCART	-40.0	200.0	1.2
RE DISCCART	-30.0	200.0	1.2
RE DISCCART	-25.0	200.0	1.2
RE DISCCART	-20.0	200.0	1.2
RE DISCCART	-17.0	200.0	1.2
RE DISCCART	-15.0	200.0	1.2
RE DISCCART	-13.0	200.0	1.2

RE DISCCART	-11.0	200.0	1.2
RE DISCCART	-9.0	200.0	1.2
RE DISCCART	9.0	200.0	1.2
RE DISCCART	11.0	200.0	1.2
RE DISCCART	13.0	200.0	1.2
RE DISCCART	15.0	200.0	1.2
RE DISCCART	17.0	200.0	1.2
RE DISCCART	20.0	200.0	1.2
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RE DISCCART	40.0	200.0	1.2
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RE DISCCART	60.0	200.0	1.2
RE DISCCART	70.0	200.0	1.2
RE DISCCART	80.0	200.0	1.2
RE DISCCART	90.0	200.0	1.2
RE DISCCART	100.0	200.0	1.2
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RE DISCCART	-90.0	210.0	1.2
RE DISCCART	-80.0	210.0	1.2
RE DISCCART	-70.0	210.0	1.2
RE DISCCART	-60.0	210.0	1.2
RE DISCCART	-50.0	210.0	1.2
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RE DISCCART	-25.0	210.0	1.2
RE DISCCART	-20.0	210.0	1.2
RE DISCCART	-17.0	210.0	1.2
RE DISCCART	-15.0	210.0	1.2
RE DISCCART	-13.0	210.0	1.2
RE DISCCART	-11.0	210.0	1.2
RE DISCCART	-9.0	210.0	1.2
RE DISCCART	9.0	210.0	1.2
RE DISCCART	11.0	210.0	1.2
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RE DISCCART	17.0	210.0	1.2
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RE DISCCART	30.0	210.0	1.2
RE DISCCART	40.0	210.0	1.2
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RE DISCCART	70.0	210.0	1.2

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RE DISCCART	-25.0	220.0	1.2
RE DISCCART	-20.0	220.0	1.2
RE DISCCART	-17.0	220.0	1.2
RE DISCCART	-15.0	220.0	1.2
RE DISCCART	-13.0	220.0	1.2
RE DISCCART	-11.0	220.0	1.2
RE DISCCART	-9.0	220.0	1.2
RE DISCCART	9.0	220.0	1.2
RE DISCCART	11.0	220.0	1.2
RE DISCCART	13.0	220.0	1.2
RE DISCCART	15.0	220.0	1.2
RE DISCCART	17.0	220.0	1.2
RE DISCCART	20.0	220.0	1.2
RE DISCCART	25.0	220.0	1.2
RE DISCCART	30.0	220.0	1.2
RE DISCCART	40.0	220.0	1.2
RE DISCCART	50.0	220.0	1.2
RE DISCCART	60.0	220.0	1.2
RE DISCCART	70.0	220.0	1.2
RE DISCCART	80.0	220.0	1.2
RE DISCCART	90.0	220.0	1.2
RE DISCCART	100.0	220.0	1.2
RE DISCCART	-100.0	230.0	1.2
RE DISCCART	-90.0	230.0	1.2
RE DISCCART	-80.0	230.0	1.2
RE DISCCART	-70.0	230.0	1.2
RE DISCCART	-60.0	230.0	1.2
RE DISCCART	-50.0	230.0	1.2
RE DISCCART	-40.0	230.0	1.2
RE DISCCART	-30.0	230.0	1.2
RE DISCCART	-25.0	230.0	1.2
RE DISCCART	-20.0	230.0	1.2
RE DISCCART	-17.0	230.0	1.2

RE DISCCART	-15.0	230.0	1.2
RE DISCCART	-13.0	230.0	1.2
RE DISCCART	-11.0	230.0	1.2
RE DISCCART	-9.0	230.0	1.2
RE DISCCART	9.0	230.0	1.2
RE DISCCART	11.0	230.0	1.2
RE DISCCART	13.0	230.0	1.2
RE DISCCART	15.0	230.0	1.2
RE DISCCART	17.0	230.0	1.2
RE DISCCART	20.0	230.0	1.2
RE DISCCART	25.0	230.0	1.2
RE DISCCART	30.0	230.0	1.2
RE DISCCART	40.0	230.0	1.2
RE DISCCART	50.0	230.0	1.2
RE DISCCART	60.0	230.0	1.2
RE DISCCART	70.0	230.0	1.2
RE DISCCART	80.0	230.0	1.2
RE DISCCART	90.0	230.0	1.2
RE DISCCART	100.0	230.0	1.2
RE DISCCART	-100.0	240.0	1.2
RE DISCCART	-90.0	240.0	1.2
RE DISCCART	-80.0	240.0	1.2
RE DISCCART	-70.0	240.0	1.2
RE DISCCART	-60.0	240.0	1.2
RE DISCCART	-50.0	240.0	1.2
RE DISCCART	-40.0	240.0	1.2
RE DISCCART	-30.0	240.0	1.2
RE DISCCART	-25.0	240.0	1.2
RE DISCCART	-20.0	240.0	1.2
RE DISCCART	-17.0	240.0	1.2
RE DISCCART	-15.0	240.0	1.2
RE DISCCART	-13.0	240.0	1.2
RE DISCCART	-11.0	240.0	1.2
RE DISCCART	-9.0	240.0	1.2
RE DISCCART	9.0	240.0	1.2
RE DISCCART	11.0	240.0	1.2
RE DISCCART	13.0	240.0	1.2
RE DISCCART	15.0	240.0	1.2
RE DISCCART	17.0	240.0	1.2
RE DISCCART	20.0	240.0	1.2
RE DISCCART	25.0	240.0	1.2
RE DISCCART	30.0	240.0	1.2
RE DISCCART	40.0	240.0	1.2
RE DISCCART	50.0	240.0	1.2

RE DISCCART 60.0 240.0 1.2
RE DISCCART 70.0 240.0 1.2
RE DISCCART 80.0 240.0 1.2
RE DISCCART 90.0 240.0 1.2
RE DISCCART 100.0 240.0 1.2
RE DISCCART -100.0 250.0 1.2
RE DISCCART -90.0 250.0 1.2
RE DISCCART -80.0 250.0 1.2
RE DISCCART -70.0 250.0 1.2
RE DISCCART -60.0 250.0 1.2
RE DISCCART -50.0 250.0 1.2
RE DISCCART -40.0 250.0 1.2
RE DISCCART -30.0 250.0 1.2
RE DISCCART -25.0 250.0 1.2
RE DISCCART -20.0 250.0 1.2
RE DISCCART -17.0 250.0 1.2
RE DISCCART -15.0 250.0 1.2
RE DISCCART -13.0 250.0 1.2
RE DISCCART -11.0 250.0 1.2
RE DISCCART -9.0 250.0 1.2
RE DISCCART 9.0 250.0 1.2
RE DISCCART 11.0 250.0 1.2
RE DISCCART 13.0 250.0 1.2
RE DISCCART 15.0 250.0 1.2
RE DISCCART 17.0 250.0 1.2
RE DISCCART 20.0 250.0 1.2
RE DISCCART 25.0 250.0 1.2
RE DISCCART 30.0 250.0 1.2
RE DISCCART 40.0 250.0 1.2
RE DISCCART 50.0 250.0 1.2
RE DISCCART 60.0 250.0 1.2
RE DISCCART 70.0 250.0 1.2
RE DISCCART 80.0 250.0 1.2
RE DISCCART 90.0 250.0 1.2
RE DISCCART 100.0 250.0 1.2
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP013RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2001

ME UAIRDATA 4901 2001

ME STARTEND 2001 01 01 1 2001 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0

** OUTFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.lst"

** RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound.RAW"

** RAWFMT 2

** HILLBOUN 0 0 0 0

*** SETUP Finishes Successfully ***

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 1

CONC URBAN FLAT FLGPOL DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Accepts FLAGPOLE Receptor Heights.

**Model Calculates ANNUAL Averages Only

**This Run Includes: 5 Source(s); 6 Source Group(s); and 1530 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor =

0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.3 MB of RAM.

**Input Runstream File: C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\05NCRA-1.DAT

**Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\05NCRA-1.LST

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 2

CONC URBAN FLAT FLGPOL DFAULT

*** AREA SOURCE DATA ***

EMISSION RATE SOURCE SCALAR VARY BY ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X Y (METERS) (METERS)		BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)
NCRA_S1	0	0.21100E-07	-4.5	135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S2	0	0.21100E-07	-4.5	45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S3	0	0.21100E-07	-4.5	-45.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S4	0	0.21100E-07	-4.5	-135.0	0.0	4.95	9.00	90.00	0.00	2.30
NCRA_S5	0	0.21100E-07	-4.5	-225.0	0.0	4.95	9.00	90.00	0.00	2.30

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 3

CONC URBAN FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

NCRA_S1 NCRA_S1 ,

NCRA_S2 NCRA_S2 ,

NCRA_S3 NCRA_S3 ,

NCRA_S4 NCRA_S4 ,

NCRA_S5 NCRA_S5 ,

ALL NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 4

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0, -250.0, 0.0, 1.2);	(-90.0, -250.0, 0.0, 1.2);
(-80.0, -250.0, 0.0, 1.2);	(-70.0, -250.0, 0.0, 1.2);
(-60.0, -250.0, 0.0, 1.2);	(-50.0, -250.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-40.0, -250.0, 0.0, 1.2);	(-30.0, -250.0, 0.0, 1.2);
(-25.0, -250.0, 0.0, 1.2);	(-20.0, -250.0, 0.0, 1.2);
(-17.0, -250.0, 0.0, 1.2);	(-15.0, -250.0, 0.0, 1.2);
(-13.0, -250.0, 0.0, 1.2);	(-11.0, -250.0, 0.0, 1.2);
(-9.0, -250.0, 0.0, 1.2);	(9.0, -250.0, 0.0, 1.2);
(11.0, -250.0, 0.0, 1.2);	(13.0, -250.0, 0.0, 1.2);
(15.0, -250.0, 0.0, 1.2);	(17.0, -250.0, 0.0, 1.2);
(20.0, -250.0, 0.0, 1.2);	(25.0, -250.0, 0.0, 1.2);
(30.0, -250.0, 0.0, 1.2);	(40.0, -250.0, 0.0, 1.2);
(50.0, -250.0, 0.0, 1.2);	(60.0, -250.0, 0.0, 1.2);
(70.0, -250.0, 0.0, 1.2);	(80.0, -250.0, 0.0, 1.2);
(90.0, -250.0, 0.0, 1.2);	(100.0, -250.0, 0.0, 1.2);
(-100.0, -240.0, 0.0, 1.2);	(-90.0, -240.0, 0.0, 1.2);
(-80.0, -240.0, 0.0, 1.2);	(-70.0, -240.0, 0.0, 1.2);
(-60.0, -240.0, 0.0, 1.2);	(-50.0, -240.0, 0.0, 1.2);
(-40.0, -240.0, 0.0, 1.2);	(-30.0, -240.0, 0.0, 1.2);
(-25.0, -240.0, 0.0, 1.2);	(-20.0, -240.0, 0.0, 1.2);
(-17.0, -240.0, 0.0, 1.2);	(-15.0, -240.0, 0.0, 1.2);
(-13.0, -240.0, 0.0, 1.2);	(-11.0, -240.0, 0.0, 1.2);
(-9.0, -240.0, 0.0, 1.2);	(9.0, -240.0, 0.0, 1.2);
(11.0, -240.0, 0.0, 1.2);	(13.0, -240.0, 0.0, 1.2);
(15.0, -240.0, 0.0, 1.2);	(17.0, -240.0, 0.0, 1.2);
(20.0, -240.0, 0.0, 1.2);	(25.0, -240.0, 0.0, 1.2);
(30.0, -240.0, 0.0, 1.2);	(40.0, -240.0, 0.0, 1.2);
(50.0, -240.0, 0.0, 1.2);	(60.0, -240.0, 0.0, 1.2);
(70.0, -240.0, 0.0, 1.2);	(80.0, -240.0, 0.0, 1.2);
(90.0, -240.0, 0.0, 1.2);	(100.0, -240.0, 0.0, 1.2);
(-100.0, -230.0, 0.0, 1.2);	(-90.0, -230.0, 0.0, 1.2);
(-80.0, -230.0, 0.0, 1.2);	(-70.0, -230.0, 0.0, 1.2);
(-60.0, -230.0, 0.0, 1.2);	(-50.0, -230.0, 0.0, 1.2);
(-40.0, -230.0, 0.0, 1.2);	(-30.0, -230.0, 0.0, 1.2);
(-25.0, -230.0, 0.0, 1.2);	(-20.0, -230.0, 0.0, 1.2);
(-17.0, -230.0, 0.0, 1.2);	(-15.0, -230.0, 0.0, 1.2);
(-13.0, -230.0, 0.0, 1.2);	(-11.0, -230.0, 0.0, 1.2);
(-9.0, -230.0, 0.0, 1.2);	(9.0, -230.0, 0.0, 1.2);
(11.0, -230.0, 0.0, 1.2);	(13.0, -230.0, 0.0, 1.2);
(15.0, -230.0, 0.0, 1.2);	(17.0, -230.0, 0.0, 1.2);
(20.0, -230.0, 0.0, 1.2);	(25.0, -230.0, 0.0, 1.2);
(30.0, -230.0, 0.0, 1.2);	(40.0, -230.0, 0.0, 1.2);
(50.0, -230.0, 0.0, 1.2);	(60.0, -230.0, 0.0, 1.2);
(70.0, -230.0, 0.0, 1.2);	(80.0, -230.0, 0.0, 1.2);
(90.0, -230.0, 0.0, 1.2);	(100.0, -230.0, 0.0, 1.2);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -220.0, 0.0, 1.2);	(-90.0, -220.0, 0.0, 1.2);
(-80.0, -220.0, 0.0, 1.2);	(-70.0, -220.0, 0.0, 1.2);
(-60.0, -220.0, 0.0, 1.2);	(-50.0, -220.0, 0.0, 1.2);
(-40.0, -220.0, 0.0, 1.2);	(-30.0, -220.0, 0.0, 1.2);
(-25.0, -220.0, 0.0, 1.2);	(-20.0, -220.0, 0.0, 1.2);
(-17.0, -220.0, 0.0, 1.2);	(-15.0, -220.0, 0.0, 1.2);
(-13.0, -220.0, 0.0, 1.2);	(-11.0, -220.0, 0.0, 1.2);
(-9.0, -220.0, 0.0, 1.2);	(9.0, -220.0, 0.0, 1.2);
(11.0, -220.0, 0.0, 1.2);	(13.0, -220.0, 0.0, 1.2);
(15.0, -220.0, 0.0, 1.2);	(17.0, -220.0, 0.0, 1.2);
(20.0, -220.0, 0.0, 1.2);	(25.0, -220.0, 0.0, 1.2);
(30.0, -220.0, 0.0, 1.2);	(40.0, -220.0, 0.0, 1.2);
(50.0, -220.0, 0.0, 1.2);	(60.0, -220.0, 0.0, 1.2);
(70.0, -220.0, 0.0, 1.2);	(80.0, -220.0, 0.0, 1.2);
(90.0, -220.0, 0.0, 1.2);	(100.0, -220.0, 0.0, 1.2);
(-100.0, -210.0, 0.0, 1.2);	(-90.0, -210.0, 0.0, 1.2);
(-80.0, -210.0, 0.0, 1.2);	(-70.0, -210.0, 0.0, 1.2);
(-60.0, -210.0, 0.0, 1.2);	(-50.0, -210.0, 0.0, 1.2);
(-40.0, -210.0, 0.0, 1.2);	(-30.0, -210.0, 0.0, 1.2);
(-25.0, -210.0, 0.0, 1.2);	(-20.0, -210.0, 0.0, 1.2);
(-17.0, -210.0, 0.0, 1.2);	(-15.0, -210.0, 0.0, 1.2);
(-13.0, -210.0, 0.0, 1.2);	(-11.0, -210.0, 0.0, 1.2);
(-9.0, -210.0, 0.0, 1.2);	(9.0, -210.0, 0.0, 1.2);
(11.0, -210.0, 0.0, 1.2);	(13.0, -210.0, 0.0, 1.2);
(15.0, -210.0, 0.0, 1.2);	(17.0, -210.0, 0.0, 1.2);
(20.0, -210.0, 0.0, 1.2);	(25.0, -210.0, 0.0, 1.2);
(30.0, -210.0, 0.0, 1.2);	(40.0, -210.0, 0.0, 1.2);
(50.0, -210.0, 0.0, 1.2);	(60.0, -210.0, 0.0, 1.2);
(70.0, -210.0, 0.0, 1.2);	(80.0, -210.0, 0.0, 1.2);
(90.0, -210.0, 0.0, 1.2);	(100.0, -210.0, 0.0, 1.2);
(-100.0, -200.0, 0.0, 1.2);	(-90.0, -200.0, 0.0, 1.2);
(-80.0, -200.0, 0.0, 1.2);	(-70.0, -200.0, 0.0, 1.2);
(-60.0, -200.0, 0.0, 1.2);	(-50.0, -200.0, 0.0, 1.2);
(-40.0, -200.0, 0.0, 1.2);	(-30.0, -200.0, 0.0, 1.2);
(-25.0, -200.0, 0.0, 1.2);	(-20.0, -200.0, 0.0, 1.2);
(-17.0, -200.0, 0.0, 1.2);	(-15.0, -200.0, 0.0, 1.2);
(-13.0, -200.0, 0.0, 1.2);	(-11.0, -200.0, 0.0, 1.2);
(-9.0, -200.0, 0.0, 1.2);	(9.0, -200.0, 0.0, 1.2);
(11.0, -200.0, 0.0, 1.2);	(13.0, -200.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(15.0,	-200.0,	0.0,	1.2);	(17.0,	-200.0,	0.0,	1.2);
(20.0,	-200.0,	0.0,	1.2);	(25.0,	-200.0,	0.0,	1.2);
(30.0,	-200.0,	0.0,	1.2);	(40.0,	-200.0,	0.0,	1.2);
(50.0,	-200.0,	0.0,	1.2);	(60.0,	-200.0,	0.0,	1.2);
(70.0,	-200.0,	0.0,	1.2);	(80.0,	-200.0,	0.0,	1.2);
(90.0,	-200.0,	0.0,	1.2);	(100.0,	-200.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 6

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-190.0,	0.0,	1.2);	(-90.0,	-190.0,	0.0,	1.2);
(-80.0,	-190.0,	0.0,	1.2);	(-70.0,	-190.0,	0.0,	1.2);
(-60.0,	-190.0,	0.0,	1.2);	(-50.0,	-190.0,	0.0,	1.2);
(-40.0,	-190.0,	0.0,	1.2);	(-30.0,	-190.0,	0.0,	1.2);
(-25.0,	-190.0,	0.0,	1.2);	(-20.0,	-190.0,	0.0,	1.2);
(-17.0,	-190.0,	0.0,	1.2);	(-15.0,	-190.0,	0.0,	1.2);
(-13.0,	-190.0,	0.0,	1.2);	(-11.0,	-190.0,	0.0,	1.2);
(-9.0,	-190.0,	0.0,	1.2);	(9.0,	-190.0,	0.0,	1.2);
(11.0,	-190.0,	0.0,	1.2);	(13.0,	-190.0,	0.0,	1.2);
(15.0,	-190.0,	0.0,	1.2);	(17.0,	-190.0,	0.0,	1.2);
(20.0,	-190.0,	0.0,	1.2);	(25.0,	-190.0,	0.0,	1.2);
(30.0,	-190.0,	0.0,	1.2);	(40.0,	-190.0,	0.0,	1.2);
(50.0,	-190.0,	0.0,	1.2);	(60.0,	-190.0,	0.0,	1.2);
(70.0,	-190.0,	0.0,	1.2);	(80.0,	-190.0,	0.0,	1.2);
(90.0,	-190.0,	0.0,	1.2);	(100.0,	-190.0,	0.0,	1.2);
(-100.0,	-180.0,	0.0,	1.2);	(-90.0,	-180.0,	0.0,	1.2);
(-80.0,	-180.0,	0.0,	1.2);	(-70.0,	-180.0,	0.0,	1.2);
(-60.0,	-180.0,	0.0,	1.2);	(-50.0,	-180.0,	0.0,	1.2);
(-40.0,	-180.0,	0.0,	1.2);	(-30.0,	-180.0,	0.0,	1.2);
(-25.0,	-180.0,	0.0,	1.2);	(-20.0,	-180.0,	0.0,	1.2);
(-17.0,	-180.0,	0.0,	1.2);	(-15.0,	-180.0,	0.0,	1.2);
(-13.0,	-180.0,	0.0,	1.2);	(-11.0,	-180.0,	0.0,	1.2);
(-9.0,	-180.0,	0.0,	1.2);	(9.0,	-180.0,	0.0,	1.2);
(11.0,	-180.0,	0.0,	1.2);	(13.0,	-180.0,	0.0,	1.2);
(15.0,	-180.0,	0.0,	1.2);	(17.0,	-180.0,	0.0,	1.2);
(20.0,	-180.0,	0.0,	1.2);	(25.0,	-180.0,	0.0,	1.2);
(30.0,	-180.0,	0.0,	1.2);	(40.0,	-180.0,	0.0,	1.2);
(50.0,	-180.0,	0.0,	1.2);	(60.0,	-180.0,	0.0,	1.2);
(70.0,	-180.0,	0.0,	1.2);	(80.0,	-180.0,	0.0,	1.2);
(90.0,	-180.0,	0.0,	1.2);	(100.0,	-180.0,	0.0,	1.2);
(-100.0,	-170.0,	0.0,	1.2);	(-90.0,	-170.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-80.0,	-170.0,	0.0,	1.2);	(-70.0,	-170.0,	0.0,	1.2);
(-60.0,	-170.0,	0.0,	1.2);	(-50.0,	-170.0,	0.0,	1.2);
(-40.0,	-170.0,	0.0,	1.2);	(-30.0,	-170.0,	0.0,	1.2);
(-25.0,	-170.0,	0.0,	1.2);	(-20.0,	-170.0,	0.0,	1.2);
(-17.0,	-170.0,	0.0,	1.2);	(-15.0,	-170.0,	0.0,	1.2);
(-13.0,	-170.0,	0.0,	1.2);	(-11.0,	-170.0,	0.0,	1.2);
(-9.0,	-170.0,	0.0,	1.2);	(9.0,	-170.0,	0.0,	1.2);
(11.0,	-170.0,	0.0,	1.2);	(13.0,	-170.0,	0.0,	1.2);
(15.0,	-170.0,	0.0,	1.2);	(17.0,	-170.0,	0.0,	1.2);
(20.0,	-170.0,	0.0,	1.2);	(25.0,	-170.0,	0.0,	1.2);
(30.0,	-170.0,	0.0,	1.2);	(40.0,	-170.0,	0.0,	1.2);
(50.0,	-170.0,	0.0,	1.2);	(60.0,	-170.0,	0.0,	1.2);
(70.0,	-170.0,	0.0,	1.2);	(80.0,	-170.0,	0.0,	1.2);
(90.0,	-170.0,	0.0,	1.2);	(100.0,	-170.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 7

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-160.0,	0.0,	1.2);	(-90.0,	-160.0,	0.0,	1.2);
(-80.0,	-160.0,	0.0,	1.2);	(-70.0,	-160.0,	0.0,	1.2);
(-60.0,	-160.0,	0.0,	1.2);	(-50.0,	-160.0,	0.0,	1.2);
(-40.0,	-160.0,	0.0,	1.2);	(-30.0,	-160.0,	0.0,	1.2);
(-25.0,	-160.0,	0.0,	1.2);	(-20.0,	-160.0,	0.0,	1.2);
(-17.0,	-160.0,	0.0,	1.2);	(-15.0,	-160.0,	0.0,	1.2);
(-13.0,	-160.0,	0.0,	1.2);	(-11.0,	-160.0,	0.0,	1.2);
(-9.0,	-160.0,	0.0,	1.2);	(9.0,	-160.0,	0.0,	1.2);
(11.0,	-160.0,	0.0,	1.2);	(13.0,	-160.0,	0.0,	1.2);
(15.0,	-160.0,	0.0,	1.2);	(17.0,	-160.0,	0.0,	1.2);
(20.0,	-160.0,	0.0,	1.2);	(25.0,	-160.0,	0.0,	1.2);
(30.0,	-160.0,	0.0,	1.2);	(40.0,	-160.0,	0.0,	1.2);
(50.0,	-160.0,	0.0,	1.2);	(60.0,	-160.0,	0.0,	1.2);
(70.0,	-160.0,	0.0,	1.2);	(80.0,	-160.0,	0.0,	1.2);
(90.0,	-160.0,	0.0,	1.2);	(100.0,	-160.0,	0.0,	1.2);
(-100.0,	-150.0,	0.0,	1.2);	(-90.0,	-150.0,	0.0,	1.2);
(-80.0,	-150.0,	0.0,	1.2);	(-70.0,	-150.0,	0.0,	1.2);
(-60.0,	-150.0,	0.0,	1.2);	(-50.0,	-150.0,	0.0,	1.2);
(-40.0,	-150.0,	0.0,	1.2);	(-30.0,	-150.0,	0.0,	1.2);
(-25.0,	-150.0,	0.0,	1.2);	(-20.0,	-150.0,	0.0,	1.2);
(-17.0,	-150.0,	0.0,	1.2);	(-15.0,	-150.0,	0.0,	1.2);
(-13.0,	-150.0,	0.0,	1.2);	(-11.0,	-150.0,	0.0,	1.2);
(-9.0,	-150.0,	0.0,	1.2);	(9.0,	-150.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(11.0, -150.0, 0.0, 1.2);	(13.0, -150.0, 0.0, 1.2);
(15.0, -150.0, 0.0, 1.2);	(17.0, -150.0, 0.0, 1.2);
(20.0, -150.0, 0.0, 1.2);	(25.0, -150.0, 0.0, 1.2);
(30.0, -150.0, 0.0, 1.2);	(40.0, -150.0, 0.0, 1.2);
(50.0, -150.0, 0.0, 1.2);	(60.0, -150.0, 0.0, 1.2);
(70.0, -150.0, 0.0, 1.2);	(80.0, -150.0, 0.0, 1.2);
(90.0, -150.0, 0.0, 1.2);	(100.0, -150.0, 0.0, 1.2);
(-100.0, -140.0, 0.0, 1.2);	(-90.0, -140.0, 0.0, 1.2);
(-80.0, -140.0, 0.0, 1.2);	(-70.0, -140.0, 0.0, 1.2);
(-60.0, -140.0, 0.0, 1.2);	(-50.0, -140.0, 0.0, 1.2);
(-40.0, -140.0, 0.0, 1.2);	(-30.0, -140.0, 0.0, 1.2);
(-25.0, -140.0, 0.0, 1.2);	(-20.0, -140.0, 0.0, 1.2);
(-17.0, -140.0, 0.0, 1.2);	(-15.0, -140.0, 0.0, 1.2);
(-13.0, -140.0, 0.0, 1.2);	(-11.0, -140.0, 0.0, 1.2);
(-9.0, -140.0, 0.0, 1.2);	(9.0, -140.0, 0.0, 1.2);
(11.0, -140.0, 0.0, 1.2);	(13.0, -140.0, 0.0, 1.2);
(15.0, -140.0, 0.0, 1.2);	(17.0, -140.0, 0.0, 1.2);
(20.0, -140.0, 0.0, 1.2);	(25.0, -140.0, 0.0, 1.2);
(30.0, -140.0, 0.0, 1.2);	(40.0, -140.0, 0.0, 1.2);
(50.0, -140.0, 0.0, 1.2);	(60.0, -140.0, 0.0, 1.2);
(70.0, -140.0, 0.0, 1.2);	(80.0, -140.0, 0.0, 1.2);
(90.0, -140.0, 0.0, 1.2);	(100.0, -140.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 8

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -130.0, 0.0, 1.2);	(-90.0, -130.0, 0.0, 1.2);
(-80.0, -130.0, 0.0, 1.2);	(-70.0, -130.0, 0.0, 1.2);
(-60.0, -130.0, 0.0, 1.2);	(-50.0, -130.0, 0.0, 1.2);
(-40.0, -130.0, 0.0, 1.2);	(-30.0, -130.0, 0.0, 1.2);
(-25.0, -130.0, 0.0, 1.2);	(-20.0, -130.0, 0.0, 1.2);
(-17.0, -130.0, 0.0, 1.2);	(-15.0, -130.0, 0.0, 1.2);
(-13.0, -130.0, 0.0, 1.2);	(-11.0, -130.0, 0.0, 1.2);
(-9.0, -130.0, 0.0, 1.2);	(9.0, -130.0, 0.0, 1.2);
(11.0, -130.0, 0.0, 1.2);	(13.0, -130.0, 0.0, 1.2);
(15.0, -130.0, 0.0, 1.2);	(17.0, -130.0, 0.0, 1.2);
(20.0, -130.0, 0.0, 1.2);	(25.0, -130.0, 0.0, 1.2);
(30.0, -130.0, 0.0, 1.2);	(40.0, -130.0, 0.0, 1.2);
(50.0, -130.0, 0.0, 1.2);	(60.0, -130.0, 0.0, 1.2);
(70.0, -130.0, 0.0, 1.2);	(80.0, -130.0, 0.0, 1.2);
(90.0, -130.0, 0.0, 1.2);	(100.0, -130.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-100.0,	-120.0,	0.0,	1.2);	(-90.0,	-120.0,	0.0,	1.2);
(-80.0,	-120.0,	0.0,	1.2);	(-70.0,	-120.0,	0.0,	1.2);
(-60.0,	-120.0,	0.0,	1.2);	(-50.0,	-120.0,	0.0,	1.2);
(-40.0,	-120.0,	0.0,	1.2);	(-30.0,	-120.0,	0.0,	1.2);
(-25.0,	-120.0,	0.0,	1.2);	(-20.0,	-120.0,	0.0,	1.2);
(-17.0,	-120.0,	0.0,	1.2);	(-15.0,	-120.0,	0.0,	1.2);
(-13.0,	-120.0,	0.0,	1.2);	(-11.0,	-120.0,	0.0,	1.2);
(-9.0,	-120.0,	0.0,	1.2);	(9.0,	-120.0,	0.0,	1.2);
(11.0,	-120.0,	0.0,	1.2);	(13.0,	-120.0,	0.0,	1.2);
(15.0,	-120.0,	0.0,	1.2);	(17.0,	-120.0,	0.0,	1.2);
(20.0,	-120.0,	0.0,	1.2);	(25.0,	-120.0,	0.0,	1.2);
(30.0,	-120.0,	0.0,	1.2);	(40.0,	-120.0,	0.0,	1.2);
(50.0,	-120.0,	0.0,	1.2);	(60.0,	-120.0,	0.0,	1.2);
(70.0,	-120.0,	0.0,	1.2);	(80.0,	-120.0,	0.0,	1.2);
(90.0,	-120.0,	0.0,	1.2);	(100.0,	-120.0,	0.0,	1.2);
(-100.0,	-110.0,	0.0,	1.2);	(-90.0,	-110.0,	0.0,	1.2);
(-80.0,	-110.0,	0.0,	1.2);	(-70.0,	-110.0,	0.0,	1.2);
(-60.0,	-110.0,	0.0,	1.2);	(-50.0,	-110.0,	0.0,	1.2);
(-40.0,	-110.0,	0.0,	1.2);	(-30.0,	-110.0,	0.0,	1.2);
(-25.0,	-110.0,	0.0,	1.2);	(-20.0,	-110.0,	0.0,	1.2);
(-17.0,	-110.0,	0.0,	1.2);	(-15.0,	-110.0,	0.0,	1.2);
(-13.0,	-110.0,	0.0,	1.2);	(-11.0,	-110.0,	0.0,	1.2);
(-9.0,	-110.0,	0.0,	1.2);	(9.0,	-110.0,	0.0,	1.2);
(11.0,	-110.0,	0.0,	1.2);	(13.0,	-110.0,	0.0,	1.2);
(15.0,	-110.0,	0.0,	1.2);	(17.0,	-110.0,	0.0,	1.2);
(20.0,	-110.0,	0.0,	1.2);	(25.0,	-110.0,	0.0,	1.2);
(30.0,	-110.0,	0.0,	1.2);	(40.0,	-110.0,	0.0,	1.2);
(50.0,	-110.0,	0.0,	1.2);	(60.0,	-110.0,	0.0,	1.2);
(70.0,	-110.0,	0.0,	1.2);	(80.0,	-110.0,	0.0,	1.2);
(90.0,	-110.0,	0.0,	1.2);	(100.0,	-110.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 9

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-100.0,	0.0,	1.2);	(-90.0,	-100.0,	0.0,	1.2);
(-80.0,	-100.0,	0.0,	1.2);	(-70.0,	-100.0,	0.0,	1.2);
(-60.0,	-100.0,	0.0,	1.2);	(-50.0,	-100.0,	0.0,	1.2);
(-40.0,	-100.0,	0.0,	1.2);	(-30.0,	-100.0,	0.0,	1.2);
(-25.0,	-100.0,	0.0,	1.2);	(-20.0,	-100.0,	0.0,	1.2);
(-17.0,	-100.0,	0.0,	1.2);	(-15.0,	-100.0,	0.0,	1.2);
(-13.0,	-100.0,	0.0,	1.2);	(-11.0,	-100.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-9.0, -100.0, 0.0, 1.2);	(-9.0, -100.0, 0.0, 1.2);
(11.0, -100.0, 0.0, 1.2);	(13.0, -100.0, 0.0, 1.2);
(15.0, -100.0, 0.0, 1.2);	(17.0, -100.0, 0.0, 1.2);
(20.0, -100.0, 0.0, 1.2);	(25.0, -100.0, 0.0, 1.2);
(30.0, -100.0, 0.0, 1.2);	(40.0, -100.0, 0.0, 1.2);
(50.0, -100.0, 0.0, 1.2);	(60.0, -100.0, 0.0, 1.2);
(70.0, -100.0, 0.0, 1.2);	(80.0, -100.0, 0.0, 1.2);
(90.0, -100.0, 0.0, 1.2);	(100.0, -100.0, 0.0, 1.2);
(-100.0, -90.0, 0.0, 1.2);	(-90.0, -90.0, 0.0, 1.2);
(-80.0, -90.0, 0.0, 1.2);	(-70.0, -90.0, 0.0, 1.2);
(-60.0, -90.0, 0.0, 1.2);	(-50.0, -90.0, 0.0, 1.2);
(-40.0, -90.0, 0.0, 1.2);	(-30.0, -90.0, 0.0, 1.2);
(-25.0, -90.0, 0.0, 1.2);	(-20.0, -90.0, 0.0, 1.2);
(-17.0, -90.0, 0.0, 1.2);	(-15.0, -90.0, 0.0, 1.2);
(-13.0, -90.0, 0.0, 1.2);	(-11.0, -90.0, 0.0, 1.2);
(-9.0, -90.0, 0.0, 1.2);	(9.0, -90.0, 0.0, 1.2);
(11.0, -90.0, 0.0, 1.2);	(13.0, -90.0, 0.0, 1.2);
(15.0, -90.0, 0.0, 1.2);	(17.0, -90.0, 0.0, 1.2);
(20.0, -90.0, 0.0, 1.2);	(25.0, -90.0, 0.0, 1.2);
(30.0, -90.0, 0.0, 1.2);	(40.0, -90.0, 0.0, 1.2);
(50.0, -90.0, 0.0, 1.2);	(60.0, -90.0, 0.0, 1.2);
(70.0, -90.0, 0.0, 1.2);	(80.0, -90.0, 0.0, 1.2);
(90.0, -90.0, 0.0, 1.2);	(100.0, -90.0, 0.0, 1.2);
(-100.0, -80.0, 0.0, 1.2);	(-90.0, -80.0, 0.0, 1.2);
(-80.0, -80.0, 0.0, 1.2);	(-70.0, -80.0, 0.0, 1.2);
(-60.0, -80.0, 0.0, 1.2);	(-50.0, -80.0, 0.0, 1.2);
(-40.0, -80.0, 0.0, 1.2);	(-30.0, -80.0, 0.0, 1.2);
(-25.0, -80.0, 0.0, 1.2);	(-20.0, -80.0, 0.0, 1.2);
(-17.0, -80.0, 0.0, 1.2);	(-15.0, -80.0, 0.0, 1.2);
(-13.0, -80.0, 0.0, 1.2);	(-11.0, -80.0, 0.0, 1.2);
(-9.0, -80.0, 0.0, 1.2);	(9.0, -80.0, 0.0, 1.2);
(11.0, -80.0, 0.0, 1.2);	(13.0, -80.0, 0.0, 1.2);
(15.0, -80.0, 0.0, 1.2);	(17.0, -80.0, 0.0, 1.2);
(20.0, -80.0, 0.0, 1.2);	(25.0, -80.0, 0.0, 1.2);
(30.0, -80.0, 0.0, 1.2);	(40.0, -80.0, 0.0, 1.2);
(50.0, -80.0, 0.0, 1.2);	(60.0, -80.0, 0.0, 1.2);
(70.0, -80.0, 0.0, 1.2);	(80.0, -80.0, 0.0, 1.2);
(90.0, -80.0, 0.0, 1.2);	(100.0, -80.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
(METERS)

(-100.0, -70.0, 0.0, 1.2);	(-90.0, -70.0, 0.0, 1.2);
(-80.0, -70.0, 0.0, 1.2);	(-70.0, -70.0, 0.0, 1.2);
(-60.0, -70.0, 0.0, 1.2);	(-50.0, -70.0, 0.0, 1.2);
(-40.0, -70.0, 0.0, 1.2);	(-30.0, -70.0, 0.0, 1.2);
(-25.0, -70.0, 0.0, 1.2);	(-20.0, -70.0, 0.0, 1.2);
(-17.0, -70.0, 0.0, 1.2);	(-15.0, -70.0, 0.0, 1.2);
(-13.0, -70.0, 0.0, 1.2);	(-11.0, -70.0, 0.0, 1.2);
(-9.0, -70.0, 0.0, 1.2);	(9.0, -70.0, 0.0, 1.2);
(11.0, -70.0, 0.0, 1.2);	(13.0, -70.0, 0.0, 1.2);
(15.0, -70.0, 0.0, 1.2);	(17.0, -70.0, 0.0, 1.2);
(20.0, -70.0, 0.0, 1.2);	(25.0, -70.0, 0.0, 1.2);
(30.0, -70.0, 0.0, 1.2);	(40.0, -70.0, 0.0, 1.2);
(50.0, -70.0, 0.0, 1.2);	(60.0, -70.0, 0.0, 1.2);
(70.0, -70.0, 0.0, 1.2);	(80.0, -70.0, 0.0, 1.2);
(90.0, -70.0, 0.0, 1.2);	(100.0, -70.0, 0.0, 1.2);
(-100.0, -60.0, 0.0, 1.2);	(-90.0, -60.0, 0.0, 1.2);
(-80.0, -60.0, 0.0, 1.2);	(-70.0, -60.0, 0.0, 1.2);
(-60.0, -60.0, 0.0, 1.2);	(-50.0, -60.0, 0.0, 1.2);
(-40.0, -60.0, 0.0, 1.2);	(-30.0, -60.0, 0.0, 1.2);
(-25.0, -60.0, 0.0, 1.2);	(-20.0, -60.0, 0.0, 1.2);
(-17.0, -60.0, 0.0, 1.2);	(-15.0, -60.0, 0.0, 1.2);
(-13.0, -60.0, 0.0, 1.2);	(-11.0, -60.0, 0.0, 1.2);
(-9.0, -60.0, 0.0, 1.2);	(9.0, -60.0, 0.0, 1.2);
(11.0, -60.0, 0.0, 1.2);	(13.0, -60.0, 0.0, 1.2);
(15.0, -60.0, 0.0, 1.2);	(17.0, -60.0, 0.0, 1.2);
(20.0, -60.0, 0.0, 1.2);	(25.0, -60.0, 0.0, 1.2);
(30.0, -60.0, 0.0, 1.2);	(40.0, -60.0, 0.0, 1.2);
(50.0, -60.0, 0.0, 1.2);	(60.0, -60.0, 0.0, 1.2);
(70.0, -60.0, 0.0, 1.2);	(80.0, -60.0, 0.0, 1.2);
(90.0, -60.0, 0.0, 1.2);	(100.0, -60.0, 0.0, 1.2);
(-100.0, -50.0, 0.0, 1.2);	(-90.0, -50.0, 0.0, 1.2);
(-80.0, -50.0, 0.0, 1.2);	(-70.0, -50.0, 0.0, 1.2);
(-60.0, -50.0, 0.0, 1.2);	(-50.0, -50.0, 0.0, 1.2);
(-40.0, -50.0, 0.0, 1.2);	(-30.0, -50.0, 0.0, 1.2);
(-25.0, -50.0, 0.0, 1.2);	(-20.0, -50.0, 0.0, 1.2);
(-17.0, -50.0, 0.0, 1.2);	(-15.0, -50.0, 0.0, 1.2);
(-13.0, -50.0, 0.0, 1.2);	(-11.0, -50.0, 0.0, 1.2);
(-9.0, -50.0, 0.0, 1.2);	(9.0, -50.0, 0.0, 1.2);
(11.0, -50.0, 0.0, 1.2);	(13.0, -50.0, 0.0, 1.2);
(15.0, -50.0, 0.0, 1.2);	(17.0, -50.0, 0.0, 1.2);
(20.0, -50.0, 0.0, 1.2);	(25.0, -50.0, 0.0, 1.2);
(30.0, -50.0, 0.0, 1.2);	(40.0, -50.0, 0.0, 1.2);
(50.0, -50.0, 0.0, 1.2);	(60.0, -50.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(70.0, -50.0, 0.0, 1.2); (80.0, -50.0, 0.0, 1.2);
(90.0, -50.0, 0.0, 1.2); (100.0, -50.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, -40.0, 0.0, 1.2); (-90.0, -40.0, 0.0, 1.2);
(-80.0, -40.0, 0.0, 1.2); (-70.0, -40.0, 0.0, 1.2);
(-60.0, -40.0, 0.0, 1.2); (-50.0, -40.0, 0.0, 1.2);
(-40.0, -40.0, 0.0, 1.2); (-30.0, -40.0, 0.0, 1.2);
(-25.0, -40.0, 0.0, 1.2); (-20.0, -40.0, 0.0, 1.2);
(-17.0, -40.0, 0.0, 1.2); (-15.0, -40.0, 0.0, 1.2);
(-13.0, -40.0, 0.0, 1.2); (-11.0, -40.0, 0.0, 1.2);
(-9.0, -40.0, 0.0, 1.2); (9.0, -40.0, 0.0, 1.2);
(11.0, -40.0, 0.0, 1.2); (13.0, -40.0, 0.0, 1.2);
(15.0, -40.0, 0.0, 1.2); (17.0, -40.0, 0.0, 1.2);
(20.0, -40.0, 0.0, 1.2); (25.0, -40.0, 0.0, 1.2);
(30.0, -40.0, 0.0, 1.2); (40.0, -40.0, 0.0, 1.2);
(50.0, -40.0, 0.0, 1.2); (60.0, -40.0, 0.0, 1.2);
(70.0, -40.0, 0.0, 1.2); (80.0, -40.0, 0.0, 1.2);
(90.0, -40.0, 0.0, 1.2); (100.0, -40.0, 0.0, 1.2);
(-100.0, -30.0, 0.0, 1.2); (-90.0, -30.0, 0.0, 1.2);
(-80.0, -30.0, 0.0, 1.2); (-70.0, -30.0, 0.0, 1.2);
(-60.0, -30.0, 0.0, 1.2); (-50.0, -30.0, 0.0, 1.2);
(-40.0, -30.0, 0.0, 1.2); (-30.0, -30.0, 0.0, 1.2);
(-25.0, -30.0, 0.0, 1.2); (-20.0, -30.0, 0.0, 1.2);
(-17.0, -30.0, 0.0, 1.2); (-15.0, -30.0, 0.0, 1.2);
(-13.0, -30.0, 0.0, 1.2); (-11.0, -30.0, 0.0, 1.2);
(-9.0, -30.0, 0.0, 1.2); (9.0, -30.0, 0.0, 1.2);
(11.0, -30.0, 0.0, 1.2); (13.0, -30.0, 0.0, 1.2);
(15.0, -30.0, 0.0, 1.2); (17.0, -30.0, 0.0, 1.2);
(20.0, -30.0, 0.0, 1.2); (25.0, -30.0, 0.0, 1.2);
(30.0, -30.0, 0.0, 1.2); (40.0, -30.0, 0.0, 1.2);
(50.0, -30.0, 0.0, 1.2); (60.0, -30.0, 0.0, 1.2);
(70.0, -30.0, 0.0, 1.2); (80.0, -30.0, 0.0, 1.2);
(90.0, -30.0, 0.0, 1.2); (100.0, -30.0, 0.0, 1.2);
(-100.0, -20.0, 0.0, 1.2); (-90.0, -20.0, 0.0, 1.2);
(-80.0, -20.0, 0.0, 1.2); (-70.0, -20.0, 0.0, 1.2);
(-60.0, -20.0, 0.0, 1.2); (-50.0, -20.0, 0.0, 1.2);
(-40.0, -20.0, 0.0, 1.2); (-30.0, -20.0, 0.0, 1.2);
(-25.0, -20.0, 0.0, 1.2); (-20.0, -20.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-17.0,	-20.0,	0.0,	1.2);	(-15.0,	-20.0,	0.0,	1.2);
(-13.0,	-20.0,	0.0,	1.2);	(-11.0,	-20.0,	0.0,	1.2);
(-9.0,	-20.0,	0.0,	1.2);	(9.0,	-20.0,	0.0,	1.2);
(11.0,	-20.0,	0.0,	1.2);	(13.0,	-20.0,	0.0,	1.2);
(15.0,	-20.0,	0.0,	1.2);	(17.0,	-20.0,	0.0,	1.2);
(20.0,	-20.0,	0.0,	1.2);	(25.0,	-20.0,	0.0,	1.2);
(30.0,	-20.0,	0.0,	1.2);	(40.0,	-20.0,	0.0,	1.2);
(50.0,	-20.0,	0.0,	1.2);	(60.0,	-20.0,	0.0,	1.2);
(70.0,	-20.0,	0.0,	1.2);	(80.0,	-20.0,	0.0,	1.2);
(90.0,	-20.0,	0.0,	1.2);	(100.0,	-20.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 12

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	-10.0,	0.0,	1.2);	(-90.0,	-10.0,	0.0,	1.2);
(-80.0,	-10.0,	0.0,	1.2);	(-70.0,	-10.0,	0.0,	1.2);
(-60.0,	-10.0,	0.0,	1.2);	(-50.0,	-10.0,	0.0,	1.2);
(-40.0,	-10.0,	0.0,	1.2);	(-30.0,	-10.0,	0.0,	1.2);
(-25.0,	-10.0,	0.0,	1.2);	(-20.0,	-10.0,	0.0,	1.2);
(-17.0,	-10.0,	0.0,	1.2);	(-15.0,	-10.0,	0.0,	1.2);
(-13.0,	-10.0,	0.0,	1.2);	(-11.0,	-10.0,	0.0,	1.2);
(-9.0,	-10.0,	0.0,	1.2);	(9.0,	-10.0,	0.0,	1.2);
(11.0,	-10.0,	0.0,	1.2);	(13.0,	-10.0,	0.0,	1.2);
(15.0,	-10.0,	0.0,	1.2);	(17.0,	-10.0,	0.0,	1.2);
(20.0,	-10.0,	0.0,	1.2);	(25.0,	-10.0,	0.0,	1.2);
(30.0,	-10.0,	0.0,	1.2);	(40.0,	-10.0,	0.0,	1.2);
(50.0,	-10.0,	0.0,	1.2);	(60.0,	-10.0,	0.0,	1.2);
(70.0,	-10.0,	0.0,	1.2);	(80.0,	-10.0,	0.0,	1.2);
(90.0,	-10.0,	0.0,	1.2);	(100.0,	-10.0,	0.0,	1.2);
(-100.0,	0.0,	0.0,	1.2);	(-90.0,	0.0,	0.0,	1.2);
(-80.0,	0.0,	0.0,	1.2);	(-70.0,	0.0,	0.0,	1.2);
(-60.0,	0.0,	0.0,	1.2);	(-50.0,	0.0,	0.0,	1.2);
(-40.0,	0.0,	0.0,	1.2);	(-30.0,	0.0,	0.0,	1.2);
(-25.0,	0.0,	0.0,	1.2);	(-20.0,	0.0,	0.0,	1.2);
(-17.0,	0.0,	0.0,	1.2);	(-15.0,	0.0,	0.0,	1.2);
(-13.0,	0.0,	0.0,	1.2);	(-11.0,	0.0,	0.0,	1.2);
(-9.0,	0.0,	0.0,	1.2);	(9.0,	0.0,	0.0,	1.2);
(11.0,	0.0,	0.0,	1.2);	(13.0,	0.0,	0.0,	1.2);
(15.0,	0.0,	0.0,	1.2);	(17.0,	0.0,	0.0,	1.2);
(20.0,	0.0,	0.0,	1.2);	(25.0,	0.0,	0.0,	1.2);
(30.0,	0.0,	0.0,	1.2);	(40.0,	0.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(50.0,	0.0,	0.0,	1.2);	(60.0,	0.0,	0.0,	1.2);
(70.0,	0.0,	0.0,	1.2);	(80.0,	0.0,	0.0,	1.2);
(90.0,	0.0,	0.0,	1.2);	(100.0,	0.0,	0.0,	1.2);
(-100.0,	10.0,	0.0,	1.2);	(-90.0,	10.0,	0.0,	1.2);
(-80.0,	10.0,	0.0,	1.2);	(-70.0,	10.0,	0.0,	1.2);
(-60.0,	10.0,	0.0,	1.2);	(-50.0,	10.0,	0.0,	1.2);
(-40.0,	10.0,	0.0,	1.2);	(-30.0,	10.0,	0.0,	1.2);
(-25.0,	10.0,	0.0,	1.2);	(-20.0,	10.0,	0.0,	1.2);
(-17.0,	10.0,	0.0,	1.2);	(-15.0,	10.0,	0.0,	1.2);
(-13.0,	10.0,	0.0,	1.2);	(-11.0,	10.0,	0.0,	1.2);
(-9.0,	10.0,	0.0,	1.2);	(9.0,	10.0,	0.0,	1.2);
(11.0,	10.0,	0.0,	1.2);	(13.0,	10.0,	0.0,	1.2);
(15.0,	10.0,	0.0,	1.2);	(17.0,	10.0,	0.0,	1.2);
(20.0,	10.0,	0.0,	1.2);	(25.0,	10.0,	0.0,	1.2);
(30.0,	10.0,	0.0,	1.2);	(40.0,	10.0,	0.0,	1.2);
(50.0,	10.0,	0.0,	1.2);	(60.0,	10.0,	0.0,	1.2);
(70.0,	10.0,	0.0,	1.2);	(80.0,	10.0,	0.0,	1.2);
(90.0,	10.0,	0.0,	1.2);	(100.0,	10.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 13

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	20.0,	0.0,	1.2);	(-90.0,	20.0,	0.0,	1.2);
(-80.0,	20.0,	0.0,	1.2);	(-70.0,	20.0,	0.0,	1.2);
(-60.0,	20.0,	0.0,	1.2);	(-50.0,	20.0,	0.0,	1.2);
(-40.0,	20.0,	0.0,	1.2);	(-30.0,	20.0,	0.0,	1.2);
(-25.0,	20.0,	0.0,	1.2);	(-20.0,	20.0,	0.0,	1.2);
(-17.0,	20.0,	0.0,	1.2);	(-15.0,	20.0,	0.0,	1.2);
(-13.0,	20.0,	0.0,	1.2);	(-11.0,	20.0,	0.0,	1.2);
(-9.0,	20.0,	0.0,	1.2);	(9.0,	20.0,	0.0,	1.2);
(11.0,	20.0,	0.0,	1.2);	(13.0,	20.0,	0.0,	1.2);
(15.0,	20.0,	0.0,	1.2);	(17.0,	20.0,	0.0,	1.2);
(20.0,	20.0,	0.0,	1.2);	(25.0,	20.0,	0.0,	1.2);
(30.0,	20.0,	0.0,	1.2);	(40.0,	20.0,	0.0,	1.2);
(50.0,	20.0,	0.0,	1.2);	(60.0,	20.0,	0.0,	1.2);
(70.0,	20.0,	0.0,	1.2);	(80.0,	20.0,	0.0,	1.2);
(90.0,	20.0,	0.0,	1.2);	(100.0,	20.0,	0.0,	1.2);
(-100.0,	30.0,	0.0,	1.2);	(-90.0,	30.0,	0.0,	1.2);
(-80.0,	30.0,	0.0,	1.2);	(-70.0,	30.0,	0.0,	1.2);
(-60.0,	30.0,	0.0,	1.2);	(-50.0,	30.0,	0.0,	1.2);
(-40.0,	30.0,	0.0,	1.2);	(-30.0,	30.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-25.0,	30.0,	0.0,	1.2);	(-20.0,	30.0,	0.0,	1.2);
(-17.0,	30.0,	0.0,	1.2);	(-15.0,	30.0,	0.0,	1.2);
(-13.0,	30.0,	0.0,	1.2);	(-11.0,	30.0,	0.0,	1.2);
(-9.0,	30.0,	0.0,	1.2);	(9.0,	30.0,	0.0,	1.2);
(11.0,	30.0,	0.0,	1.2);	(13.0,	30.0,	0.0,	1.2);
(15.0,	30.0,	0.0,	1.2);	(17.0,	30.0,	0.0,	1.2);
(20.0,	30.0,	0.0,	1.2);	(25.0,	30.0,	0.0,	1.2);
(30.0,	30.0,	0.0,	1.2);	(40.0,	30.0,	0.0,	1.2);
(50.0,	30.0,	0.0,	1.2);	(60.0,	30.0,	0.0,	1.2);
(70.0,	30.0,	0.0,	1.2);	(80.0,	30.0,	0.0,	1.2);
(90.0,	30.0,	0.0,	1.2);	(100.0,	30.0,	0.0,	1.2);
(-100.0,	40.0,	0.0,	1.2);	(-90.0,	40.0,	0.0,	1.2);
(-80.0,	40.0,	0.0,	1.2);	(-70.0,	40.0,	0.0,	1.2);
(-60.0,	40.0,	0.0,	1.2);	(-50.0,	40.0,	0.0,	1.2);
(-40.0,	40.0,	0.0,	1.2);	(-30.0,	40.0,	0.0,	1.2);
(-25.0,	40.0,	0.0,	1.2);	(-20.0,	40.0,	0.0,	1.2);
(-17.0,	40.0,	0.0,	1.2);	(-15.0,	40.0,	0.0,	1.2);
(-13.0,	40.0,	0.0,	1.2);	(-11.0,	40.0,	0.0,	1.2);
(-9.0,	40.0,	0.0,	1.2);	(9.0,	40.0,	0.0,	1.2);
(11.0,	40.0,	0.0,	1.2);	(13.0,	40.0,	0.0,	1.2);
(15.0,	40.0,	0.0,	1.2);	(17.0,	40.0,	0.0,	1.2);
(20.0,	40.0,	0.0,	1.2);	(25.0,	40.0,	0.0,	1.2);
(30.0,	40.0,	0.0,	1.2);	(40.0,	40.0,	0.0,	1.2);
(50.0,	40.0,	0.0,	1.2);	(60.0,	40.0,	0.0,	1.2);
(70.0,	40.0,	0.0,	1.2);	(80.0,	40.0,	0.0,	1.2);
(90.0,	40.0,	0.0,	1.2);	(100.0,	40.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 14

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	50.0,	0.0,	1.2);	(-90.0,	50.0,	0.0,	1.2);
(-80.0,	50.0,	0.0,	1.2);	(-70.0,	50.0,	0.0,	1.2);
(-60.0,	50.0,	0.0,	1.2);	(-50.0,	50.0,	0.0,	1.2);
(-40.0,	50.0,	0.0,	1.2);	(-30.0,	50.0,	0.0,	1.2);
(-25.0,	50.0,	0.0,	1.2);	(-20.0,	50.0,	0.0,	1.2);
(-17.0,	50.0,	0.0,	1.2);	(-15.0,	50.0,	0.0,	1.2);
(-13.0,	50.0,	0.0,	1.2);	(-11.0,	50.0,	0.0,	1.2);
(-9.0,	50.0,	0.0,	1.2);	(9.0,	50.0,	0.0,	1.2);
(11.0,	50.0,	0.0,	1.2);	(13.0,	50.0,	0.0,	1.2);
(15.0,	50.0,	0.0,	1.2);	(17.0,	50.0,	0.0,	1.2);
(20.0,	50.0,	0.0,	1.2);	(25.0,	50.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(30.0,	50.0,	0.0,	1.2);	(40.0,	50.0,	0.0,	1.2);
(50.0,	50.0,	0.0,	1.2);	(60.0,	50.0,	0.0,	1.2);
(70.0,	50.0,	0.0,	1.2);	(80.0,	50.0,	0.0,	1.2);
(90.0,	50.0,	0.0,	1.2);	(100.0,	50.0,	0.0,	1.2);
(-100.0,	60.0,	0.0,	1.2);	(-90.0,	60.0,	0.0,	1.2);
(-80.0,	60.0,	0.0,	1.2);	(-70.0,	60.0,	0.0,	1.2);
(-60.0,	60.0,	0.0,	1.2);	(-50.0,	60.0,	0.0,	1.2);
(-40.0,	60.0,	0.0,	1.2);	(-30.0,	60.0,	0.0,	1.2);
(-25.0,	60.0,	0.0,	1.2);	(-20.0,	60.0,	0.0,	1.2);
(-17.0,	60.0,	0.0,	1.2);	(-15.0,	60.0,	0.0,	1.2);
(-13.0,	60.0,	0.0,	1.2);	(-11.0,	60.0,	0.0,	1.2);
(-9.0,	60.0,	0.0,	1.2);	(9.0,	60.0,	0.0,	1.2);
(11.0,	60.0,	0.0,	1.2);	(13.0,	60.0,	0.0,	1.2);
(15.0,	60.0,	0.0,	1.2);	(17.0,	60.0,	0.0,	1.2);
(20.0,	60.0,	0.0,	1.2);	(25.0,	60.0,	0.0,	1.2);
(30.0,	60.0,	0.0,	1.2);	(40.0,	60.0,	0.0,	1.2);
(50.0,	60.0,	0.0,	1.2);	(60.0,	60.0,	0.0,	1.2);
(70.0,	60.0,	0.0,	1.2);	(80.0,	60.0,	0.0,	1.2);
(90.0,	60.0,	0.0,	1.2);	(100.0,	60.0,	0.0,	1.2);
(-100.0,	70.0,	0.0,	1.2);	(-90.0,	70.0,	0.0,	1.2);
(-80.0,	70.0,	0.0,	1.2);	(-70.0,	70.0,	0.0,	1.2);
(-60.0,	70.0,	0.0,	1.2);	(-50.0,	70.0,	0.0,	1.2);
(-40.0,	70.0,	0.0,	1.2);	(-30.0,	70.0,	0.0,	1.2);
(-25.0,	70.0,	0.0,	1.2);	(-20.0,	70.0,	0.0,	1.2);
(-17.0,	70.0,	0.0,	1.2);	(-15.0,	70.0,	0.0,	1.2);
(-13.0,	70.0,	0.0,	1.2);	(-11.0,	70.0,	0.0,	1.2);
(-9.0,	70.0,	0.0,	1.2);	(9.0,	70.0,	0.0,	1.2);
(11.0,	70.0,	0.0,	1.2);	(13.0,	70.0,	0.0,	1.2);
(15.0,	70.0,	0.0,	1.2);	(17.0,	70.0,	0.0,	1.2);
(20.0,	70.0,	0.0,	1.2);	(25.0,	70.0,	0.0,	1.2);
(30.0,	70.0,	0.0,	1.2);	(40.0,	70.0,	0.0,	1.2);
(50.0,	70.0,	0.0,	1.2);	(60.0,	70.0,	0.0,	1.2);
(70.0,	70.0,	0.0,	1.2);	(80.0,	70.0,	0.0,	1.2);
(90.0,	70.0,	0.0,	1.2);	(100.0,	70.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 15

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	80.0,	0.0,	1.2);	(-90.0,	80.0,	0.0,	1.2);
(-80.0,	80.0,	0.0,	1.2);	(-70.0,	80.0,	0.0,	1.2);
(-60.0,	80.0,	0.0,	1.2);	(-50.0,	80.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-40.0,	80.0,	0.0,	1.2);	(-30.0,	80.0,	0.0,	1.2);
(-25.0,	80.0,	0.0,	1.2);	(-20.0,	80.0,	0.0,	1.2);
(-17.0,	80.0,	0.0,	1.2);	(-15.0,	80.0,	0.0,	1.2);
(-13.0,	80.0,	0.0,	1.2);	(-11.0,	80.0,	0.0,	1.2);
(-9.0,	80.0,	0.0,	1.2);	(9.0,	80.0,	0.0,	1.2);
(11.0,	80.0,	0.0,	1.2);	(13.0,	80.0,	0.0,	1.2);
(15.0,	80.0,	0.0,	1.2);	(17.0,	80.0,	0.0,	1.2);
(20.0,	80.0,	0.0,	1.2);	(25.0,	80.0,	0.0,	1.2);
(30.0,	80.0,	0.0,	1.2);	(40.0,	80.0,	0.0,	1.2);
(50.0,	80.0,	0.0,	1.2);	(60.0,	80.0,	0.0,	1.2);
(70.0,	80.0,	0.0,	1.2);	(80.0,	80.0,	0.0,	1.2);
(90.0,	80.0,	0.0,	1.2);	(100.0,	80.0,	0.0,	1.2);
(-100.0,	90.0,	0.0,	1.2);	(-90.0,	90.0,	0.0,	1.2);
(-80.0,	90.0,	0.0,	1.2);	(-70.0,	90.0,	0.0,	1.2);
(-60.0,	90.0,	0.0,	1.2);	(-50.0,	90.0,	0.0,	1.2);
(-40.0,	90.0,	0.0,	1.2);	(-30.0,	90.0,	0.0,	1.2);
(-25.0,	90.0,	0.0,	1.2);	(-20.0,	90.0,	0.0,	1.2);
(-17.0,	90.0,	0.0,	1.2);	(-15.0,	90.0,	0.0,	1.2);
(-13.0,	90.0,	0.0,	1.2);	(-11.0,	90.0,	0.0,	1.2);
(-9.0,	90.0,	0.0,	1.2);	(9.0,	90.0,	0.0,	1.2);
(11.0,	90.0,	0.0,	1.2);	(13.0,	90.0,	0.0,	1.2);
(15.0,	90.0,	0.0,	1.2);	(17.0,	90.0,	0.0,	1.2);
(20.0,	90.0,	0.0,	1.2);	(25.0,	90.0,	0.0,	1.2);
(30.0,	90.0,	0.0,	1.2);	(40.0,	90.0,	0.0,	1.2);
(50.0,	90.0,	0.0,	1.2);	(60.0,	90.0,	0.0,	1.2);
(70.0,	90.0,	0.0,	1.2);	(80.0,	90.0,	0.0,	1.2);
(90.0,	90.0,	0.0,	1.2);	(100.0,	90.0,	0.0,	1.2);
(-100.0,	100.0,	0.0,	1.2);	(-90.0,	100.0,	0.0,	1.2);
(-80.0,	100.0,	0.0,	1.2);	(-70.0,	100.0,	0.0,	1.2);
(-60.0,	100.0,	0.0,	1.2);	(-50.0,	100.0,	0.0,	1.2);
(-40.0,	100.0,	0.0,	1.2);	(-30.0,	100.0,	0.0,	1.2);
(-25.0,	100.0,	0.0,	1.2);	(-20.0,	100.0,	0.0,	1.2);
(-17.0,	100.0,	0.0,	1.2);	(-15.0,	100.0,	0.0,	1.2);
(-13.0,	100.0,	0.0,	1.2);	(-11.0,	100.0,	0.0,	1.2);
(-9.0,	100.0,	0.0,	1.2);	(9.0,	100.0,	0.0,	1.2);
(11.0,	100.0,	0.0,	1.2);	(13.0,	100.0,	0.0,	1.2);
(15.0,	100.0,	0.0,	1.2);	(17.0,	100.0,	0.0,	1.2);
(20.0,	100.0,	0.0,	1.2);	(25.0,	100.0,	0.0,	1.2);
(30.0,	100.0,	0.0,	1.2);	(40.0,	100.0,	0.0,	1.2);
(50.0,	100.0,	0.0,	1.2);	(60.0,	100.0,	0.0,	1.2);
(70.0,	100.0,	0.0,	1.2);	(80.0,	100.0,	0.0,	1.2);
(90.0,	100.0,	0.0,	1.2);	(100.0,	100.0,	0.0,	1.2);

**MODELOPTs:
PAGE 16
CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0, 110.0, 0.0, 1.2);	(-90.0, 110.0, 0.0, 1.2);
(-80.0, 110.0, 0.0, 1.2);	(-70.0, 110.0, 0.0, 1.2);
(-60.0, 110.0, 0.0, 1.2);	(-50.0, 110.0, 0.0, 1.2);
(-40.0, 110.0, 0.0, 1.2);	(-30.0, 110.0, 0.0, 1.2);
(-25.0, 110.0, 0.0, 1.2);	(-20.0, 110.0, 0.0, 1.2);
(-17.0, 110.0, 0.0, 1.2);	(-15.0, 110.0, 0.0, 1.2);
(-13.0, 110.0, 0.0, 1.2);	(-11.0, 110.0, 0.0, 1.2);
(-9.0, 110.0, 0.0, 1.2);	(9.0, 110.0, 0.0, 1.2);
(11.0, 110.0, 0.0, 1.2);	(13.0, 110.0, 0.0, 1.2);
(15.0, 110.0, 0.0, 1.2);	(17.0, 110.0, 0.0, 1.2);
(20.0, 110.0, 0.0, 1.2);	(25.0, 110.0, 0.0, 1.2);
(30.0, 110.0, 0.0, 1.2);	(40.0, 110.0, 0.0, 1.2);
(50.0, 110.0, 0.0, 1.2);	(60.0, 110.0, 0.0, 1.2);
(70.0, 110.0, 0.0, 1.2);	(80.0, 110.0, 0.0, 1.2);
(90.0, 110.0, 0.0, 1.2);	(100.0, 110.0, 0.0, 1.2);
(-100.0, 120.0, 0.0, 1.2);	(-90.0, 120.0, 0.0, 1.2);
(-80.0, 120.0, 0.0, 1.2);	(-70.0, 120.0, 0.0, 1.2);
(-60.0, 120.0, 0.0, 1.2);	(-50.0, 120.0, 0.0, 1.2);
(-40.0, 120.0, 0.0, 1.2);	(-30.0, 120.0, 0.0, 1.2);
(-25.0, 120.0, 0.0, 1.2);	(-20.0, 120.0, 0.0, 1.2);
(-17.0, 120.0, 0.0, 1.2);	(-15.0, 120.0, 0.0, 1.2);
(-13.0, 120.0, 0.0, 1.2);	(-11.0, 120.0, 0.0, 1.2);
(-9.0, 120.0, 0.0, 1.2);	(9.0, 120.0, 0.0, 1.2);
(11.0, 120.0, 0.0, 1.2);	(13.0, 120.0, 0.0, 1.2);
(15.0, 120.0, 0.0, 1.2);	(17.0, 120.0, 0.0, 1.2);
(20.0, 120.0, 0.0, 1.2);	(25.0, 120.0, 0.0, 1.2);
(30.0, 120.0, 0.0, 1.2);	(40.0, 120.0, 0.0, 1.2);
(50.0, 120.0, 0.0, 1.2);	(60.0, 120.0, 0.0, 1.2);
(70.0, 120.0, 0.0, 1.2);	(80.0, 120.0, 0.0, 1.2);
(90.0, 120.0, 0.0, 1.2);	(100.0, 120.0, 0.0, 1.2);
(-100.0, 130.0, 0.0, 1.2);	(-90.0, 130.0, 0.0, 1.2);
(-80.0, 130.0, 0.0, 1.2);	(-70.0, 130.0, 0.0, 1.2);
(-60.0, 130.0, 0.0, 1.2);	(-50.0, 130.0, 0.0, 1.2);
(-40.0, 130.0, 0.0, 1.2);	(-30.0, 130.0, 0.0, 1.2);
(-25.0, 130.0, 0.0, 1.2);	(-20.0, 130.0, 0.0, 1.2);
(-17.0, 130.0, 0.0, 1.2);	(-15.0, 130.0, 0.0, 1.2);
(-13.0, 130.0, 0.0, 1.2);	(-11.0, 130.0, 0.0, 1.2);
(-9.0, 130.0, 0.0, 1.2);	(9.0, 130.0, 0.0, 1.2);
(11.0, 130.0, 0.0, 1.2);	(13.0, 130.0, 0.0, 1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(15.0,	130.0,	0.0,	1.2);	(17.0,	130.0,	0.0,	1.2);
(20.0,	130.0,	0.0,	1.2);	(25.0,	130.0,	0.0,	1.2);
(30.0,	130.0,	0.0,	1.2);	(40.0,	130.0,	0.0,	1.2);
(50.0,	130.0,	0.0,	1.2);	(60.0,	130.0,	0.0,	1.2);
(70.0,	130.0,	0.0,	1.2);	(80.0,	130.0,	0.0,	1.2);
(90.0,	130.0,	0.0,	1.2);	(100.0,	130.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 17

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	140.0,	0.0,	1.2);	(-90.0,	140.0,	0.0,	1.2);
(-80.0,	140.0,	0.0,	1.2);	(-70.0,	140.0,	0.0,	1.2);
(-60.0,	140.0,	0.0,	1.2);	(-50.0,	140.0,	0.0,	1.2);
(-40.0,	140.0,	0.0,	1.2);	(-30.0,	140.0,	0.0,	1.2);
(-25.0,	140.0,	0.0,	1.2);	(-20.0,	140.0,	0.0,	1.2);
(-17.0,	140.0,	0.0,	1.2);	(-15.0,	140.0,	0.0,	1.2);
(-13.0,	140.0,	0.0,	1.2);	(-11.0,	140.0,	0.0,	1.2);
(-9.0,	140.0,	0.0,	1.2);	(9.0,	140.0,	0.0,	1.2);
(11.0,	140.0,	0.0,	1.2);	(13.0,	140.0,	0.0,	1.2);
(15.0,	140.0,	0.0,	1.2);	(17.0,	140.0,	0.0,	1.2);
(20.0,	140.0,	0.0,	1.2);	(25.0,	140.0,	0.0,	1.2);
(30.0,	140.0,	0.0,	1.2);	(40.0,	140.0,	0.0,	1.2);
(50.0,	140.0,	0.0,	1.2);	(60.0,	140.0,	0.0,	1.2);
(70.0,	140.0,	0.0,	1.2);	(80.0,	140.0,	0.0,	1.2);
(90.0,	140.0,	0.0,	1.2);	(100.0,	140.0,	0.0,	1.2);
(-100.0,	150.0,	0.0,	1.2);	(-90.0,	150.0,	0.0,	1.2);
(-80.0,	150.0,	0.0,	1.2);	(-70.0,	150.0,	0.0,	1.2);
(-60.0,	150.0,	0.0,	1.2);	(-50.0,	150.0,	0.0,	1.2);
(-40.0,	150.0,	0.0,	1.2);	(-30.0,	150.0,	0.0,	1.2);
(-25.0,	150.0,	0.0,	1.2);	(-20.0,	150.0,	0.0,	1.2);
(-17.0,	150.0,	0.0,	1.2);	(-15.0,	150.0,	0.0,	1.2);
(-13.0,	150.0,	0.0,	1.2);	(-11.0,	150.0,	0.0,	1.2);
(-9.0,	150.0,	0.0,	1.2);	(9.0,	150.0,	0.0,	1.2);
(11.0,	150.0,	0.0,	1.2);	(13.0,	150.0,	0.0,	1.2);
(15.0,	150.0,	0.0,	1.2);	(17.0,	150.0,	0.0,	1.2);
(20.0,	150.0,	0.0,	1.2);	(25.0,	150.0,	0.0,	1.2);
(30.0,	150.0,	0.0,	1.2);	(40.0,	150.0,	0.0,	1.2);
(50.0,	150.0,	0.0,	1.2);	(60.0,	150.0,	0.0,	1.2);
(70.0,	150.0,	0.0,	1.2);	(80.0,	150.0,	0.0,	1.2);
(90.0,	150.0,	0.0,	1.2);	(100.0,	150.0,	0.0,	1.2);
(-100.0,	160.0,	0.0,	1.2);	(-90.0,	160.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-80.0,	160.0,	0.0,	1.2);	(-70.0,	160.0,	0.0,	1.2);
(-60.0,	160.0,	0.0,	1.2);	(-50.0,	160.0,	0.0,	1.2);
(-40.0,	160.0,	0.0,	1.2);	(-30.0,	160.0,	0.0,	1.2);
(-25.0,	160.0,	0.0,	1.2);	(-20.0,	160.0,	0.0,	1.2);
(-17.0,	160.0,	0.0,	1.2);	(-15.0,	160.0,	0.0,	1.2);
(-13.0,	160.0,	0.0,	1.2);	(-11.0,	160.0,	0.0,	1.2);
(-9.0,	160.0,	0.0,	1.2);	(9.0,	160.0,	0.0,	1.2);
(11.0,	160.0,	0.0,	1.2);	(13.0,	160.0,	0.0,	1.2);
(15.0,	160.0,	0.0,	1.2);	(17.0,	160.0,	0.0,	1.2);
(20.0,	160.0,	0.0,	1.2);	(25.0,	160.0,	0.0,	1.2);
(30.0,	160.0,	0.0,	1.2);	(40.0,	160.0,	0.0,	1.2);
(50.0,	160.0,	0.0,	1.2);	(60.0,	160.0,	0.0,	1.2);
(70.0,	160.0,	0.0,	1.2);	(80.0,	160.0,	0.0,	1.2);
(90.0,	160.0,	0.0,	1.2);	(100.0,	160.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 18

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	170.0,	0.0,	1.2);	(-90.0,	170.0,	0.0,	1.2);
(-80.0,	170.0,	0.0,	1.2);	(-70.0,	170.0,	0.0,	1.2);
(-60.0,	170.0,	0.0,	1.2);	(-50.0,	170.0,	0.0,	1.2);
(-40.0,	170.0,	0.0,	1.2);	(-30.0,	170.0,	0.0,	1.2);
(-25.0,	170.0,	0.0,	1.2);	(-20.0,	170.0,	0.0,	1.2);
(-17.0,	170.0,	0.0,	1.2);	(-15.0,	170.0,	0.0,	1.2);
(-13.0,	170.0,	0.0,	1.2);	(-11.0,	170.0,	0.0,	1.2);
(-9.0,	170.0,	0.0,	1.2);	(9.0,	170.0,	0.0,	1.2);
(11.0,	170.0,	0.0,	1.2);	(13.0,	170.0,	0.0,	1.2);
(15.0,	170.0,	0.0,	1.2);	(17.0,	170.0,	0.0,	1.2);
(20.0,	170.0,	0.0,	1.2);	(25.0,	170.0,	0.0,	1.2);
(30.0,	170.0,	0.0,	1.2);	(40.0,	170.0,	0.0,	1.2);
(50.0,	170.0,	0.0,	1.2);	(60.0,	170.0,	0.0,	1.2);
(70.0,	170.0,	0.0,	1.2);	(80.0,	170.0,	0.0,	1.2);
(90.0,	170.0,	0.0,	1.2);	(100.0,	170.0,	0.0,	1.2);
(-100.0,	180.0,	0.0,	1.2);	(-90.0,	180.0,	0.0,	1.2);
(-80.0,	180.0,	0.0,	1.2);	(-70.0,	180.0,	0.0,	1.2);
(-60.0,	180.0,	0.0,	1.2);	(-50.0,	180.0,	0.0,	1.2);
(-40.0,	180.0,	0.0,	1.2);	(-30.0,	180.0,	0.0,	1.2);
(-25.0,	180.0,	0.0,	1.2);	(-20.0,	180.0,	0.0,	1.2);
(-17.0,	180.0,	0.0,	1.2);	(-15.0,	180.0,	0.0,	1.2);
(-13.0,	180.0,	0.0,	1.2);	(-11.0,	180.0,	0.0,	1.2);
(-9.0,	180.0,	0.0,	1.2);	(9.0,	180.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(11.0,	180.0,	0.0,	1.2);	(13.0,	180.0,	0.0,	1.2);
(15.0,	180.0,	0.0,	1.2);	(17.0,	180.0,	0.0,	1.2);
(20.0,	180.0,	0.0,	1.2);	(25.0,	180.0,	0.0,	1.2);
(30.0,	180.0,	0.0,	1.2);	(40.0,	180.0,	0.0,	1.2);
(50.0,	180.0,	0.0,	1.2);	(60.0,	180.0,	0.0,	1.2);
(70.0,	180.0,	0.0,	1.2);	(80.0,	180.0,	0.0,	1.2);
(90.0,	180.0,	0.0,	1.2);	(100.0,	180.0,	0.0,	1.2);
(-100.0,	190.0,	0.0,	1.2);	(-90.0,	190.0,	0.0,	1.2);
(-80.0,	190.0,	0.0,	1.2);	(-70.0,	190.0,	0.0,	1.2);
(-60.0,	190.0,	0.0,	1.2);	(-50.0,	190.0,	0.0,	1.2);
(-40.0,	190.0,	0.0,	1.2);	(-30.0,	190.0,	0.0,	1.2);
(-25.0,	190.0,	0.0,	1.2);	(-20.0,	190.0,	0.0,	1.2);
(-17.0,	190.0,	0.0,	1.2);	(-15.0,	190.0,	0.0,	1.2);
(-13.0,	190.0,	0.0,	1.2);	(-11.0,	190.0,	0.0,	1.2);
(-9.0,	190.0,	0.0,	1.2);	(9.0,	190.0,	0.0,	1.2);
(11.0,	190.0,	0.0,	1.2);	(13.0,	190.0,	0.0,	1.2);
(15.0,	190.0,	0.0,	1.2);	(17.0,	190.0,	0.0,	1.2);
(20.0,	190.0,	0.0,	1.2);	(25.0,	190.0,	0.0,	1.2);
(30.0,	190.0,	0.0,	1.2);	(40.0,	190.0,	0.0,	1.2);
(50.0,	190.0,	0.0,	1.2);	(60.0,	190.0,	0.0,	1.2);
(70.0,	190.0,	0.0,	1.2);	(80.0,	190.0,	0.0,	1.2);
(90.0,	190.0,	0.0,	1.2);	(100.0,	190.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 19

CONC

URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(-100.0,	200.0,	0.0,	1.2);	(-90.0,	200.0,	0.0,	1.2);
(-80.0,	200.0,	0.0,	1.2);	(-70.0,	200.0,	0.0,	1.2);
(-60.0,	200.0,	0.0,	1.2);	(-50.0,	200.0,	0.0,	1.2);
(-40.0,	200.0,	0.0,	1.2);	(-30.0,	200.0,	0.0,	1.2);
(-25.0,	200.0,	0.0,	1.2);	(-20.0,	200.0,	0.0,	1.2);
(-17.0,	200.0,	0.0,	1.2);	(-15.0,	200.0,	0.0,	1.2);
(-13.0,	200.0,	0.0,	1.2);	(-11.0,	200.0,	0.0,	1.2);
(-9.0,	200.0,	0.0,	1.2);	(9.0,	200.0,	0.0,	1.2);
(11.0,	200.0,	0.0,	1.2);	(13.0,	200.0,	0.0,	1.2);
(15.0,	200.0,	0.0,	1.2);	(17.0,	200.0,	0.0,	1.2);
(20.0,	200.0,	0.0,	1.2);	(25.0,	200.0,	0.0,	1.2);
(30.0,	200.0,	0.0,	1.2);	(40.0,	200.0,	0.0,	1.2);
(50.0,	200.0,	0.0,	1.2);	(60.0,	200.0,	0.0,	1.2);
(70.0,	200.0,	0.0,	1.2);	(80.0,	200.0,	0.0,	1.2);
(90.0,	200.0,	0.0,	1.2);	(100.0,	200.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-100.0,	210.0,	0.0,	1.2);	(-90.0,	210.0,	0.0,	1.2);
(-80.0,	210.0,	0.0,	1.2);	(-70.0,	210.0,	0.0,	1.2);
(-60.0,	210.0,	0.0,	1.2);	(-50.0,	210.0,	0.0,	1.2);
(-40.0,	210.0,	0.0,	1.2);	(-30.0,	210.0,	0.0,	1.2);
(-25.0,	210.0,	0.0,	1.2);	(-20.0,	210.0,	0.0,	1.2);
(-17.0,	210.0,	0.0,	1.2);	(-15.0,	210.0,	0.0,	1.2);
(-13.0,	210.0,	0.0,	1.2);	(-11.0,	210.0,	0.0,	1.2);
(-9.0,	210.0,	0.0,	1.2);	(9.0,	210.0,	0.0,	1.2);
(11.0,	210.0,	0.0,	1.2);	(13.0,	210.0,	0.0,	1.2);
(15.0,	210.0,	0.0,	1.2);	(17.0,	210.0,	0.0,	1.2);
(20.0,	210.0,	0.0,	1.2);	(25.0,	210.0,	0.0,	1.2);
(30.0,	210.0,	0.0,	1.2);	(40.0,	210.0,	0.0,	1.2);
(50.0,	210.0,	0.0,	1.2);	(60.0,	210.0,	0.0,	1.2);
(70.0,	210.0,	0.0,	1.2);	(80.0,	210.0,	0.0,	1.2);
(90.0,	210.0,	0.0,	1.2);	(100.0,	210.0,	0.0,	1.2);
(-100.0,	220.0,	0.0,	1.2);	(-90.0,	220.0,	0.0,	1.2);
(-80.0,	220.0,	0.0,	1.2);	(-70.0,	220.0,	0.0,	1.2);
(-60.0,	220.0,	0.0,	1.2);	(-50.0,	220.0,	0.0,	1.2);
(-40.0,	220.0,	0.0,	1.2);	(-30.0,	220.0,	0.0,	1.2);
(-25.0,	220.0,	0.0,	1.2);	(-20.0,	220.0,	0.0,	1.2);
(-17.0,	220.0,	0.0,	1.2);	(-15.0,	220.0,	0.0,	1.2);
(-13.0,	220.0,	0.0,	1.2);	(-11.0,	220.0,	0.0,	1.2);
(-9.0,	220.0,	0.0,	1.2);	(9.0,	220.0,	0.0,	1.2);
(11.0,	220.0,	0.0,	1.2);	(13.0,	220.0,	0.0,	1.2);
(15.0,	220.0,	0.0,	1.2);	(17.0,	220.0,	0.0,	1.2);
(20.0,	220.0,	0.0,	1.2);	(25.0,	220.0,	0.0,	1.2);
(30.0,	220.0,	0.0,	1.2);	(40.0,	220.0,	0.0,	1.2);
(50.0,	220.0,	0.0,	1.2);	(60.0,	220.0,	0.0,	1.2);
(70.0,	220.0,	0.0,	1.2);	(80.0,	220.0,	0.0,	1.2);
(90.0,	220.0,	0.0,	1.2);	(100.0,	220.0,	0.0,	1.2);

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 20

CONC URBAN FLAT FLGPOL DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZFLAG)
 (METERS)

(-100.0,	230.0,	0.0,	1.2);	(-90.0,	230.0,	0.0,	1.2);
(-80.0,	230.0,	0.0,	1.2);	(-70.0,	230.0,	0.0,	1.2);
(-60.0,	230.0,	0.0,	1.2);	(-50.0,	230.0,	0.0,	1.2);
(-40.0,	230.0,	0.0,	1.2);	(-30.0,	230.0,	0.0,	1.2);
(-25.0,	230.0,	0.0,	1.2);	(-20.0,	230.0,	0.0,	1.2);
(-17.0,	230.0,	0.0,	1.2);	(-15.0,	230.0,	0.0,	1.2);
(-13.0,	230.0,	0.0,	1.2);	(-11.0,	230.0,	0.0,	1.2);

05NCRA_NAPA01-300_DPM_TRAV_ANN N-S Bound

(-9.0, 230.0, 0.0, 1.2);	(9.0, 230.0, 0.0, 1.2);
(11.0, 230.0, 0.0, 1.2);	(13.0, 230.0, 0.0, 1.2);
(15.0, 230.0, 0.0, 1.2);	(17.0, 230.0, 0.0, 1.2);
(20.0, 230.0, 0.0, 1.2);	(25.0, 230.0, 0.0, 1.2);
(30.0, 230.0, 0.0, 1.2);	(40.0, 230.0, 0.0, 1.2);
(50.0, 230.0, 0.0, 1.2);	(60.0, 230.0, 0.0, 1.2);
(70.0, 230.0, 0.0, 1.2);	(80.0, 230.0, 0.0, 1.2);
(90.0, 230.0, 0.0, 1.2);	(100.0, 230.0, 0.0, 1.2);
(-100.0, 240.0, 0.0, 1.2);	(-90.0, 240.0, 0.0, 1.2);
(-80.0, 240.0, 0.0, 1.2);	(-70.0, 240.0, 0.0, 1.2);
(-60.0, 240.0, 0.0, 1.2);	(-50.0, 240.0, 0.0, 1.2);
(-40.0, 240.0, 0.0, 1.2);	(-30.0, 240.0, 0.0, 1.2);
(-25.0, 240.0, 0.0, 1.2);	(-20.0, 240.0, 0.0, 1.2);
(-17.0, 240.0, 0.0, 1.2);	(-15.0, 240.0, 0.0, 1.2);
(-13.0, 240.0, 0.0, 1.2);	(-11.0, 240.0, 0.0, 1.2);
(-9.0, 240.0, 0.0, 1.2);	(9.0, 240.0, 0.0, 1.2);
(11.0, 240.0, 0.0, 1.2);	(13.0, 240.0, 0.0, 1.2);
(15.0, 240.0, 0.0, 1.2);	(17.0, 240.0, 0.0, 1.2);
(20.0, 240.0, 0.0, 1.2);	(25.0, 240.0, 0.0, 1.2);
(30.0, 240.0, 0.0, 1.2);	(40.0, 240.0, 0.0, 1.2);
(50.0, 240.0, 0.0, 1.2);	(60.0, 240.0, 0.0, 1.2);
(70.0, 240.0, 0.0, 1.2);	(80.0, 240.0, 0.0, 1.2);
(90.0, 240.0, 0.0, 1.2);	(100.0, 240.0, 0.0, 1.2);
(-100.0, 250.0, 0.0, 1.2);	(-90.0, 250.0, 0.0, 1.2);
(-80.0, 250.0, 0.0, 1.2);	(-70.0, 250.0, 0.0, 1.2);
(-60.0, 250.0, 0.0, 1.2);	(-50.0, 250.0, 0.0, 1.2);
(-40.0, 250.0, 0.0, 1.2);	(-30.0, 250.0, 0.0, 1.2);
(-25.0, 250.0, 0.0, 1.2);	(-20.0, 250.0, 0.0, 1.2);
(-17.0, 250.0, 0.0, 1.2);	(-15.0, 250.0, 0.0, 1.2);
(-13.0, 250.0, 0.0, 1.2);	(-11.0, 250.0, 0.0, 1.2);
(-9.0, 250.0, 0.0, 1.2);	(9.0, 250.0, 0.0, 1.2);
(11.0, 250.0, 0.0, 1.2);	(13.0, 250.0, 0.0, 1.2);
(15.0, 250.0, 0.0, 1.2);	(17.0, 250.0, 0.0, 1.2);
(20.0, 250.0, 0.0, 1.2);	(25.0, 250.0, 0.0, 1.2);
(30.0, 250.0, 0.0, 1.2);	(40.0, 250.0, 0.0, 1.2);
(50.0, 250.0, 0.0, 1.2);	(60.0, 250.0, 0.0, 1.2);
(70.0, 250.0, 0.0, 1.2);	(80.0, 250.0, 0.0, 1.2);
(90.0, 250.0, 0.0, 1.2);	(100.0, 250.0, 0.0, 1.2);

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 21

CONC

URBAN FLAT FLGPOL DFAULT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

YR	MN	DY	HR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
01	01	01	01	206.0	1.12	276.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	02	207.9	1.00	276.2	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	03	224.0	1.00	275.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	04	222.0	1.39	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	05	196.3	1.21	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	06	199.2	1.00	275.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	07	233.1	1.00	275.3	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	08	172.6	1.25	274.7	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	09	185.7	1.16	275.1	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	10	163.4	1.00	278.8	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	11	356.7	1.00	282.5	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	12	31.6	1.21	286.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	13	25.2	1.21	289.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	14	317.4	2.06	290.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	15	278.4	2.15	291.0	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	16	58.6	2.19	290.0	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	17	44.9	1.61	287.6	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	18	335.9	1.07	284.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	19	278.7	1.07	282.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	20	266.8	1.00	280.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	21	229.7	1.12	278.2	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	22	224.0	1.12	277.4	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	23	204.9	1.21	276.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
01	01	01	24	220.0	1.16	276.0	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08
16:57:07

*** Maximum train overlap at North/South Bound Direction ***

**MODELOPTs:
PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00011	-90.00	-250.00	0.00011
-80.00	-250.00	0.00011	-70.00	-250.00	0.00011
-60.00	-250.00	0.00011	-50.00	-250.00	0.00010
-40.00	-250.00	0.00010	-30.00	-250.00	0.00010
-25.00	-250.00	0.00010	-20.00	-250.00	0.00010
-17.00	-250.00	0.00010	-15.00	-250.00	0.00009
-13.00	-250.00	0.00009	-11.00	-250.00	0.00009
-9.00	-250.00	0.00009	9.00	-250.00	0.00009
11.00	-250.00	0.00009	13.00	-250.00	0.00009
15.00	-250.00	0.00009	17.00	-250.00	0.00008
20.00	-250.00	0.00008	25.00	-250.00	0.00008
30.00	-250.00	0.00008	40.00	-250.00	0.00008
50.00	-250.00	0.00007	60.00	-250.00	0.00007
70.00	-250.00	0.00007	80.00	-250.00	0.00006
90.00	-250.00	0.00006	100.00	-250.00	0.00006
-100.00	-240.00	0.00012	-90.00	-240.00	0.00011
-80.00	-240.00	0.00011	-70.00	-240.00	0.00011

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-240.00	0.00011	-50.00	-240.00	0.00011
-40.00	-240.00	0.00011	-30.00	-240.00	0.00010
-25.00	-240.00	0.00010	-20.00	-240.00	0.00010
-17.00	-240.00	0.00010	-15.00	-240.00	0.00010
-13.00	-240.00	0.00010	-11.00	-240.00	0.00010
-9.00	-240.00	0.00010	9.00	-240.00	0.00009
11.00	-240.00	0.00009	13.00	-240.00	0.00009
15.00	-240.00	0.00009	17.00	-240.00	0.00009
20.00	-240.00	0.00009	25.00	-240.00	0.00009
30.00	-240.00	0.00008	40.00	-240.00	0.00008
50.00	-240.00	0.00008	60.00	-240.00	0.00007
70.00	-240.00	0.00007	80.00	-240.00	0.00007
90.00	-240.00	0.00006	100.00	-240.00	0.00006
-100.00	-230.00	0.00012	-90.00	-230.00	0.00012
-80.00	-230.00	0.00012	-70.00	-230.00	0.00012
-60.00	-230.00	0.00012	-50.00	-230.00	0.00011
-40.00	-230.00	0.00011	-30.00	-230.00	0.00011
-25.00	-230.00	0.00011	-20.00	-230.00	0.00011
-17.00	-230.00	0.00010	-15.00	-230.00	0.00010
-13.00	-230.00	0.00010	-11.00	-230.00	0.00010
-9.00	-230.00	0.00010	9.00	-230.00	0.00009
11.00	-230.00	0.00009	13.00	-230.00	0.00009
15.00	-230.00	0.00009	17.00	-230.00	0.00009

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:
PAGE 24

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

*** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00009	25.00	-230.00	0.00009
30.00	-230.00	0.00009	40.00	-230.00	0.00008
50.00	-230.00	0.00008	60.00	-230.00	0.00008
70.00	-230.00	0.00007	80.00	-230.00	0.00007
90.00	-230.00	0.00006	100.00	-230.00	0.00006
-100.00	-220.00	0.00013	-90.00	-220.00	0.00013
-80.00	-220.00	0.00012	-70.00	-220.00	0.00012
-60.00	-220.00	0.00012	-50.00	-220.00	0.00012
-40.00	-220.00	0.00012	-30.00	-220.00	0.00011
-25.00	-220.00	0.00011	-20.00	-220.00	0.00011
-17.00	-220.00	0.00011	-15.00	-220.00	0.00011

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-220.00	0.00011	-11.00	-220.00	0.00011
-9.00	-220.00	0.00011	9.00	-220.00	0.00010
11.00	-220.00	0.00010	13.00	-220.00	0.00010
15.00	-220.00	0.00010	17.00	-220.00	0.00010
20.00	-220.00	0.00009	25.00	-220.00	0.00009
30.00	-220.00	0.00009	40.00	-220.00	0.00009
50.00	-220.00	0.00008	60.00	-220.00	0.00008
70.00	-220.00	0.00007	80.00	-220.00	0.00007
90.00	-220.00	0.00007	100.00	-220.00	0.00006
-100.00	-210.00	0.00013	-90.00	-210.00	0.00013
-80.00	-210.00	0.00013	-70.00	-210.00	0.00013
-60.00	-210.00	0.00013	-50.00	-210.00	0.00013
-40.00	-210.00	0.00012	-30.00	-210.00	0.00012
-25.00	-210.00	0.00012	-20.00	-210.00	0.00012
-17.00	-210.00	0.00011	-15.00	-210.00	0.00011
-13.00	-210.00	0.00011	-11.00	-210.00	0.00011
-9.00	-210.00	0.00011	9.00	-210.00	0.00010
11.00	-210.00	0.00010	13.00	-210.00	0.00010
15.00	-210.00	0.00010	17.00	-210.00	0.00010
20.00	-210.00	0.00010	25.00	-210.00	0.00010
30.00	-210.00	0.00009	40.00	-210.00	0.00009
50.00	-210.00	0.00009	60.00	-210.00	0.00008
70.00	-210.00	0.00008	80.00	-210.00	0.00007
90.00	-210.00	0.00007	100.00	-210.00	0.00006
-100.00	-200.00	0.00014	-90.00	-200.00	0.00014
-80.00	-200.00	0.00014	-70.00	-200.00	0.00014
-60.00	-200.00	0.00013	-50.00	-200.00	0.00013
-40.00	-200.00	0.00013	-30.00	-200.00	0.00013
-25.00	-200.00	0.00012	-20.00	-200.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 25
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00012	-15.00	-200.00	0.00012
-13.00	-200.00	0.00012	-11.00	-200.00	0.00012
-9.00	-200.00	0.00012	9.00	-200.00	0.00011
11.00	-200.00	0.00011	13.00	-200.00	0.00011
15.00	-200.00	0.00011	17.00	-200.00	0.00011

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-200.00	0.00010	25.00	-200.00	0.00010
30.00	-200.00	0.00010	40.00	-200.00	0.00009
50.00	-200.00	0.00009	60.00	-200.00	0.00008
70.00	-200.00	0.00008	80.00	-200.00	0.00007
90.00	-200.00	0.00007	100.00	-200.00	0.00007
-100.00	-190.00	0.00015	-90.00	-190.00	0.00015
-80.00	-190.00	0.00014	-70.00	-190.00	0.00014
-60.00	-190.00	0.00014	-50.00	-190.00	0.00014
-40.00	-190.00	0.00014	-30.00	-190.00	0.00013
-25.00	-190.00	0.00013	-20.00	-190.00	0.00013
-17.00	-190.00	0.00013	-15.00	-190.00	0.00013
-13.00	-190.00	0.00012	-11.00	-190.00	0.00012
-9.00	-190.00	0.00012	9.00	-190.00	0.00011
11.00	-190.00	0.00011	13.00	-190.00	0.00011
15.00	-190.00	0.00011	17.00	-190.00	0.00011
20.00	-190.00	0.00011	25.00	-190.00	0.00011
30.00	-190.00	0.00010	40.00	-190.00	0.00010
50.00	-190.00	0.00009	60.00	-190.00	0.00009
70.00	-190.00	0.00008	80.00	-190.00	0.00008
90.00	-190.00	0.00007	100.00	-190.00	0.00007
-100.00	-180.00	0.00015	-90.00	-180.00	0.00015
-80.00	-180.00	0.00015	-70.00	-180.00	0.00015
-60.00	-180.00	0.00015	-50.00	-180.00	0.00015
-40.00	-180.00	0.00014	-30.00	-180.00	0.00014
-25.00	-180.00	0.00014	-20.00	-180.00	0.00014
-17.00	-180.00	0.00013	-15.00	-180.00	0.00013
-13.00	-180.00	0.00013	-11.00	-180.00	0.00013
-9.00	-180.00	0.00013	9.00	-180.00	0.00012
11.00	-180.00	0.00012	13.00	-180.00	0.00012
15.00	-180.00	0.00012	17.00	-180.00	0.00012
20.00	-180.00	0.00011	25.00	-180.00	0.00011
30.00	-180.00	0.00011	40.00	-180.00	0.00010
50.00	-180.00	0.00010	60.00	-180.00	0.00009
70.00	-180.00	0.00009	80.00	-180.00	0.00008
90.00	-180.00	0.00007	100.00	-180.00	0.00007

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 26

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

 INCLUDING SOURCE(S): NCRA_S1 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound						
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-170.00	0.00016	-90.00	-170.00	0.00016	
-80.00	-170.00	0.00016	-70.00	-170.00	0.00016	
-60.00	-170.00	0.00016	-50.00	-170.00	0.00015	
-40.00	-170.00	0.00015	-30.00	-170.00	0.00015	
-25.00	-170.00	0.00014	-20.00	-170.00	0.00014	
-17.00	-170.00	0.00014	-15.00	-170.00	0.00014	
-13.00	-170.00	0.00014	-11.00	-170.00	0.00014	
-9.00	-170.00	0.00014	9.00	-170.00	0.00013	
11.00	-170.00	0.00012	13.00	-170.00	0.00012	
15.00	-170.00	0.00012	17.00	-170.00	0.00012	
20.00	-170.00	0.00012	25.00	-170.00	0.00012	
30.00	-170.00	0.00011	40.00	-170.00	0.00011	
50.00	-170.00	0.00010	60.00	-170.00	0.00010	
70.00	-170.00	0.00009	80.00	-170.00	0.00008	
90.00	-170.00	0.00008	100.00	-170.00	0.00007	
-100.00	-160.00	0.00017	-90.00	-160.00	0.00017	
-80.00	-160.00	0.00017	-70.00	-160.00	0.00017	
-60.00	-160.00	0.00017	-50.00	-160.00	0.00016	
-40.00	-160.00	0.00016	-30.00	-160.00	0.00016	
-25.00	-160.00	0.00015	-20.00	-160.00	0.00015	
-17.00	-160.00	0.00015	-15.00	-160.00	0.00015	
-13.00	-160.00	0.00015	-11.00	-160.00	0.00015	
-9.00	-160.00	0.00014	9.00	-160.00	0.00013	
11.00	-160.00	0.00013	13.00	-160.00	0.00013	
15.00	-160.00	0.00013	17.00	-160.00	0.00013	
20.00	-160.00	0.00013	25.00	-160.00	0.00012	
30.00	-160.00	0.00012	40.00	-160.00	0.00011	
50.00	-160.00	0.00011	60.00	-160.00	0.00010	
70.00	-160.00	0.00009	80.00	-160.00	0.00009	
90.00	-160.00	0.00008	100.00	-160.00	0.00007	
-100.00	-150.00	0.00018	-90.00	-150.00	0.00018	
-80.00	-150.00	0.00018	-70.00	-150.00	0.00018	
-60.00	-150.00	0.00018	-50.00	-150.00	0.00017	
-40.00	-150.00	0.00017	-30.00	-150.00	0.00016	
-25.00	-150.00	0.00016	-20.00	-150.00	0.00016	
-17.00	-150.00	0.00016	-15.00	-150.00	0.00016	
-13.00	-150.00	0.00016	-11.00	-150.00	0.00015	
-9.00	-150.00	0.00015	9.00	-150.00	0.00014	
11.00	-150.00	0.00014	13.00	-150.00	0.00014	
15.00	-150.00	0.00014	17.00	-150.00	0.00013	

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07
**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00013	25.00	-150.00	0.00013
30.00	-150.00	0.00013	40.00	-150.00	0.00012
50.00	-150.00	0.00011	60.00	-150.00	0.00010
70.00	-150.00	0.00010	80.00	-150.00	0.00009
90.00	-150.00	0.00008	100.00	-150.00	0.00008
-100.00	-140.00	0.00019	-90.00	-140.00	0.00019
-80.00	-140.00	0.00019	-70.00	-140.00	0.00019
-60.00	-140.00	0.00019	-50.00	-140.00	0.00018
-40.00	-140.00	0.00018	-30.00	-140.00	0.00018
-25.00	-140.00	0.00017	-20.00	-140.00	0.00017
-17.00	-140.00	0.00017	-15.00	-140.00	0.00017
-13.00	-140.00	0.00016	-11.00	-140.00	0.00016
-9.00	-140.00	0.00016	9.00	-140.00	0.00015
11.00	-140.00	0.00015	13.00	-140.00	0.00015
15.00	-140.00	0.00014	17.00	-140.00	0.00014
20.00	-140.00	0.00014	25.00	-140.00	0.00014
30.00	-140.00	0.00013	40.00	-140.00	0.00012
50.00	-140.00	0.00012	60.00	-140.00	0.00011
70.00	-140.00	0.00010	80.00	-140.00	0.00009
90.00	-140.00	0.00008	100.00	-140.00	0.00008
-100.00	-130.00	0.00020	-90.00	-130.00	0.00020
-80.00	-130.00	0.00020	-70.00	-130.00	0.00020
-60.00	-130.00	0.00020	-50.00	-130.00	0.00020
-40.00	-130.00	0.00019	-30.00	-130.00	0.00019
-25.00	-130.00	0.00018	-20.00	-130.00	0.00018
-17.00	-130.00	0.00018	-15.00	-130.00	0.00018
-13.00	-130.00	0.00017	-11.00	-130.00	0.00017
-9.00	-130.00	0.00017	9.00	-130.00	0.00016
11.00	-130.00	0.00016	13.00	-130.00	0.00015
15.00	-130.00	0.00015	17.00	-130.00	0.00015
20.00	-130.00	0.00015	25.00	-130.00	0.00014
30.00	-130.00	0.00014	40.00	-130.00	0.00013
50.00	-130.00	0.00012	60.00	-130.00	0.00011
70.00	-130.00	0.00010	80.00	-130.00	0.00010
90.00	-130.00	0.00009	100.00	-130.00	0.00008
-100.00	-120.00	0.00022	-90.00	-120.00	0.00021
-80.00	-120.00	0.00021	-70.00	-120.00	0.00021

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-120.00	0.00021	-50.00	-120.00	0.00021
-40.00	-120.00	0.00020	-30.00	-120.00	0.00020
-25.00	-120.00	0.00020	-20.00	-120.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 28

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00019	-15.00	-120.00	0.00019
-13.00	-120.00	0.00019	-11.00	-120.00	0.00018
-9.00	-120.00	0.00018	9.00	-120.00	0.00017
11.00	-120.00	0.00016	13.00	-120.00	0.00016
15.00	-120.00	0.00016	17.00	-120.00	0.00016
20.00	-120.00	0.00016	25.00	-120.00	0.00015
30.00	-120.00	0.00015	40.00	-120.00	0.00014
50.00	-120.00	0.00013	60.00	-120.00	0.00012
70.00	-120.00	0.00011	80.00	-120.00	0.00010
90.00	-120.00	0.00009	100.00	-120.00	0.00008
-100.00	-110.00	0.00023	-90.00	-110.00	0.00023
-80.00	-110.00	0.00023	-70.00	-110.00	0.00023
-60.00	-110.00	0.00022	-50.00	-110.00	0.00022
-40.00	-110.00	0.00022	-30.00	-110.00	0.00021
-25.00	-110.00	0.00021	-20.00	-110.00	0.00020
-17.00	-110.00	0.00020	-15.00	-110.00	0.00020
-13.00	-110.00	0.00020	-11.00	-110.00	0.00020
-9.00	-110.00	0.00019	9.00	-110.00	0.00018
11.00	-110.00	0.00017	13.00	-110.00	0.00017
15.00	-110.00	0.00017	17.00	-110.00	0.00017
20.00	-110.00	0.00017	25.00	-110.00	0.00016
30.00	-110.00	0.00016	40.00	-110.00	0.00015
50.00	-110.00	0.00013	60.00	-110.00	0.00012
70.00	-110.00	0.00011	80.00	-110.00	0.00010
90.00	-110.00	0.00009	100.00	-110.00	0.00009
-100.00	-100.00	0.00024	-90.00	-100.00	0.00024
-80.00	-100.00	0.00024	-70.00	-100.00	0.00024
-60.00	-100.00	0.00024	-50.00	-100.00	0.00024
-40.00	-100.00	0.00023	-30.00	-100.00	0.00023
-25.00	-100.00	0.00022	-20.00	-100.00	0.00022
-17.00	-100.00	0.00022	-15.00	-100.00	0.00021

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-100.00	0.00021	-11.00	-100.00	0.00021
-9.00	-100.00	0.00021	9.00	-100.00	0.00019
11.00	-100.00	0.00019	13.00	-100.00	0.00018
15.00	-100.00	0.00018	17.00	-100.00	0.00018
20.00	-100.00	0.00018	25.00	-100.00	0.00017
30.00	-100.00	0.00016	40.00	-100.00	0.00015
50.00	-100.00	0.00014	60.00	-100.00	0.00013
70.00	-100.00	0.00012	80.00	-100.00	0.00011
90.00	-100.00	0.00010	100.00	-100.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 29

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00026	-90.00	-90.00	0.00026
-80.00	-90.00	0.00026	-70.00	-90.00	0.00026
-60.00	-90.00	0.00026	-50.00	-90.00	0.00025
-40.00	-90.00	0.00025	-30.00	-90.00	0.00024
-25.00	-90.00	0.00024	-20.00	-90.00	0.00023
-17.00	-90.00	0.00023	-15.00	-90.00	0.00023
-13.00	-90.00	0.00023	-11.00	-90.00	0.00023
-9.00	-90.00	0.00022	9.00	-90.00	0.00020
11.00	-90.00	0.00020	13.00	-90.00	0.00020
15.00	-90.00	0.00019	17.00	-90.00	0.00019
20.00	-90.00	0.00019	25.00	-90.00	0.00018
30.00	-90.00	0.00017	40.00	-90.00	0.00016
50.00	-90.00	0.00015	60.00	-90.00	0.00014
70.00	-90.00	0.00012	80.00	-90.00	0.00011
90.00	-90.00	0.00010	100.00	-90.00	0.00009
-100.00	-80.00	0.00028	-90.00	-80.00	0.00028
-80.00	-80.00	0.00028	-70.00	-80.00	0.00028
-60.00	-80.00	0.00028	-50.00	-80.00	0.00027
-40.00	-80.00	0.00027	-30.00	-80.00	0.00026
-25.00	-80.00	0.00026	-20.00	-80.00	0.00025
-17.00	-80.00	0.00025	-15.00	-80.00	0.00025
-13.00	-80.00	0.00024	-11.00	-80.00	0.00024
-9.00	-80.00	0.00024	9.00	-80.00	0.00022
11.00	-80.00	0.00021	13.00	-80.00	0.00021
15.00	-80.00	0.00021	17.00	-80.00	0.00020

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-80.00	0.00020	25.00	-80.00	0.00019
30.00	-80.00	0.00019	40.00	-80.00	0.00017
50.00	-80.00	0.00016	60.00	-80.00	0.00014
70.00	-80.00	0.00013	80.00	-80.00	0.00012
90.00	-80.00	0.00010	100.00	-80.00	0.00009
-100.00	-70.00	0.00030	-90.00	-70.00	0.00030
-80.00	-70.00	0.00030	-70.00	-70.00	0.00030
-60.00	-70.00	0.00030	-50.00	-70.00	0.00030
-40.00	-70.00	0.00029	-30.00	-70.00	0.00028
-25.00	-70.00	0.00028	-20.00	-70.00	0.00027
-17.00	-70.00	0.00027	-15.00	-70.00	0.00027
-13.00	-70.00	0.00026	-11.00	-70.00	0.00026
-9.00	-70.00	0.00026	9.00	-70.00	0.00023
11.00	-70.00	0.00023	13.00	-70.00	0.00022
15.00	-70.00	0.00022	17.00	-70.00	0.00022

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 30

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00021	25.00	-70.00	0.00021
30.00	-70.00	0.00020	40.00	-70.00	0.00018
50.00	-70.00	0.00017	60.00	-70.00	0.00015
70.00	-70.00	0.00013	80.00	-70.00	0.00012
90.00	-70.00	0.00011	100.00	-70.00	0.00010
-100.00	-60.00	0.00032	-90.00	-60.00	0.00032
-80.00	-60.00	0.00032	-70.00	-60.00	0.00032
-60.00	-60.00	0.00032	-50.00	-60.00	0.00032
-40.00	-60.00	0.00031	-30.00	-60.00	0.00031
-25.00	-60.00	0.00030	-20.00	-60.00	0.00030
-17.00	-60.00	0.00029	-15.00	-60.00	0.00029
-13.00	-60.00	0.00029	-11.00	-60.00	0.00028
-9.00	-60.00	0.00028	9.00	-60.00	0.00025
11.00	-60.00	0.00025	13.00	-60.00	0.00024
15.00	-60.00	0.00024	17.00	-60.00	0.00023
20.00	-60.00	0.00023	25.00	-60.00	0.00022
30.00	-60.00	0.00021	40.00	-60.00	0.00019
50.00	-60.00	0.00017	60.00	-60.00	0.00016
70.00	-60.00	0.00014	80.00	-60.00	0.00012

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-60.00	0.00011	100.00	-60.00	0.00010
-100.00	-50.00	0.00034	-90.00	-50.00	0.00035
-80.00	-50.00	0.00035	-70.00	-50.00	0.00035
-60.00	-50.00	0.00035	-50.00	-50.00	0.00035
-40.00	-50.00	0.00034	-30.00	-50.00	0.00033
-25.00	-50.00	0.00033	-20.00	-50.00	0.00032
-17.00	-50.00	0.00032	-15.00	-50.00	0.00031
-13.00	-50.00	0.00031	-11.00	-50.00	0.00031
-9.00	-50.00	0.00030	9.00	-50.00	0.00027
11.00	-50.00	0.00026	13.00	-50.00	0.00026
15.00	-50.00	0.00026	17.00	-50.00	0.00025
20.00	-50.00	0.00025	25.00	-50.00	0.00024
30.00	-50.00	0.00023	40.00	-50.00	0.00021
50.00	-50.00	0.00018	60.00	-50.00	0.00016
70.00	-50.00	0.00015	80.00	-50.00	0.00013
90.00	-50.00	0.00011	100.00	-50.00	0.00010
-100.00	-40.00	0.00037	-90.00	-40.00	0.00037
-80.00	-40.00	0.00038	-70.00	-40.00	0.00038
-60.00	-40.00	0.00038	-50.00	-40.00	0.00038
-40.00	-40.00	0.00037	-30.00	-40.00	0.00036
-25.00	-40.00	0.00036	-20.00	-40.00	0.00035

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 31
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00035	-15.00	-40.00	0.00034
-13.00	-40.00	0.00034	-11.00	-40.00	0.00033
-9.00	-40.00	0.00033	9.00	-40.00	0.00029
11.00	-40.00	0.00029	13.00	-40.00	0.00028
15.00	-40.00	0.00028	17.00	-40.00	0.00027
20.00	-40.00	0.00027	25.00	-40.00	0.00025
30.00	-40.00	0.00024	40.00	-40.00	0.00022
50.00	-40.00	0.00020	60.00	-40.00	0.00017
70.00	-40.00	0.00015	80.00	-40.00	0.00013
90.00	-40.00	0.00012	100.00	-40.00	0.00011
-100.00	-30.00	0.00040	-90.00	-30.00	0.00041
-80.00	-30.00	0.00041	-70.00	-30.00	0.00042
-60.00	-30.00	0.00042	-50.00	-30.00	0.00041

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-30.00	0.00041	-30.00	-30.00	0.00040
-25.00	-30.00	0.00039	-20.00	-30.00	0.00038
-17.00	-30.00	0.00038	-15.00	-30.00	0.00037
-13.00	-30.00	0.00037	-11.00	-30.00	0.00037
-9.00	-30.00	0.00036	9.00	-30.00	0.00032
11.00	-30.00	0.00031	13.00	-30.00	0.00031
15.00	-30.00	0.00030	17.00	-30.00	0.00030
20.00	-30.00	0.00029	25.00	-30.00	0.00027
30.00	-30.00	0.00026	40.00	-30.00	0.00023
50.00	-30.00	0.00021	60.00	-30.00	0.00018
70.00	-30.00	0.00016	80.00	-30.00	0.00014
90.00	-30.00	0.00012	100.00	-30.00	0.00011
-100.00	-20.00	0.00043	-90.00	-20.00	0.00044
-80.00	-20.00	0.00045	-70.00	-20.00	0.00045
-60.00	-20.00	0.00046	-50.00	-20.00	0.00045
-40.00	-20.00	0.00045	-30.00	-20.00	0.00044
-25.00	-20.00	0.00043	-20.00	-20.00	0.00042
-17.00	-20.00	0.00042	-15.00	-20.00	0.00041
-13.00	-20.00	0.00041	-11.00	-20.00	0.00040
-9.00	-20.00	0.00040	9.00	-20.00	0.00034
11.00	-20.00	0.00034	13.00	-20.00	0.00033
15.00	-20.00	0.00033	17.00	-20.00	0.00032
20.00	-20.00	0.00031	25.00	-20.00	0.00030
30.00	-20.00	0.00028	40.00	-20.00	0.00025
50.00	-20.00	0.00022	60.00	-20.00	0.00019
70.00	-20.00	0.00017	80.00	-20.00	0.00014
90.00	-20.00	0.00013	100.00	-20.00	0.00011

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 32

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00046	-90.00	-10.00	0.00048
-80.00	-10.00	0.00049	-70.00	-10.00	0.00050
-60.00	-10.00	0.00050	-50.00	-10.00	0.00050
-40.00	-10.00	0.00049	-30.00	-10.00	0.00048
-25.00	-10.00	0.00048	-20.00	-10.00	0.00047
-17.00	-10.00	0.00046	-15.00	-10.00	0.00045
-13.00	-10.00	0.00045	-11.00	-10.00	0.00044

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-10.00	0.00044	9.00	-10.00	0.00038
11.00	-10.00	0.00037	13.00	-10.00	0.00036
15.00	-10.00	0.00036	17.00	-10.00	0.00035
20.00	-10.00	0.00034	25.00	-10.00	0.00032
30.00	-10.00	0.00030	40.00	-10.00	0.00027
50.00	-10.00	0.00023	60.00	-10.00	0.00020
70.00	-10.00	0.00017	80.00	-10.00	0.00015
90.00	-10.00	0.00013	100.00	-10.00	0.00012
-100.00	0.00	0.00050	-90.00	0.00	0.00052
-80.00	0.00	0.00053	-70.00	0.00	0.00055
-60.00	0.00	0.00055	-50.00	0.00	0.00055
-40.00	0.00	0.00055	-30.00	0.00	0.00054
-25.00	0.00	0.00053	-20.00	0.00	0.00052
-17.00	0.00	0.00051	-15.00	0.00	0.00051
-13.00	0.00	0.00050	-11.00	0.00	0.00049
-9.00	0.00	0.00049	9.00	0.00	0.00042
11.00	0.00	0.00041	13.00	0.00	0.00040
15.00	0.00	0.00039	17.00	0.00	0.00038
20.00	0.00	0.00037	25.00	0.00	0.00035
30.00	0.00	0.00033	40.00	0.00	0.00029
50.00	0.00	0.00024	60.00	0.00	0.00021
70.00	0.00	0.00018	80.00	0.00	0.00016
90.00	0.00	0.00014	100.00	0.00	0.00012
-100.00	10.00	0.00054	-90.00	10.00	0.00056
-80.00	10.00	0.00058	-70.00	10.00	0.00060
-60.00	10.00	0.00061	-50.00	10.00	0.00062
-40.00	10.00	0.00061	-30.00	10.00	0.00060
-25.00	10.00	0.00059	-20.00	10.00	0.00058
-17.00	10.00	0.00057	-15.00	10.00	0.00057
-13.00	10.00	0.00056	-11.00	10.00	0.00055
-9.00	10.00	0.00054	9.00	10.00	0.00046
11.00	10.00	0.00045	13.00	10.00	0.00044
15.00	10.00	0.00043	17.00	10.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 33

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00041	25.00	10.00	0.00038

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	10.00	0.00036	40.00	10.00	0.00031
50.00	10.00	0.00026	60.00	10.00	0.00022
70.00	10.00	0.00019	80.00	10.00	0.00016
90.00	10.00	0.00014	100.00	10.00	0.00013
-100.00	20.00	0.00058	-90.00	20.00	0.00061
-80.00	20.00	0.00064	-70.00	20.00	0.00066
-60.00	20.00	0.00068	-50.00	20.00	0.00069
-40.00	20.00	0.00069	-30.00	20.00	0.00068
-25.00	20.00	0.00067	-20.00	20.00	0.00065
-17.00	20.00	0.00064	-15.00	20.00	0.00064
-13.00	20.00	0.00063	-11.00	20.00	0.00062
-9.00	20.00	0.00061	9.00	20.00	0.00051
11.00	20.00	0.00050	13.00	20.00	0.00049
15.00	20.00	0.00048	17.00	20.00	0.00046
20.00	20.00	0.00045	25.00	20.00	0.00042
30.00	20.00	0.00039	40.00	20.00	0.00033
50.00	20.00	0.00027	60.00	20.00	0.00023
70.00	20.00	0.00020	80.00	20.00	0.00017
90.00	20.00	0.00015	100.00	20.00	0.00013
-100.00	30.00	0.00063	-90.00	30.00	0.00067
-80.00	30.00	0.00070	-70.00	30.00	0.00073
-60.00	30.00	0.00076	-50.00	30.00	0.00077
-40.00	30.00	0.00077	-30.00	30.00	0.00076
-25.00	30.00	0.00075	-20.00	30.00	0.00074
-17.00	30.00	0.00073	-15.00	30.00	0.00072
-13.00	30.00	0.00071	-11.00	30.00	0.00070
-9.00	30.00	0.00069	9.00	30.00	0.00057
11.00	30.00	0.00056	13.00	30.00	0.00054
15.00	30.00	0.00053	17.00	30.00	0.00052
20.00	30.00	0.00049	25.00	30.00	0.00046
30.00	30.00	0.00042	40.00	30.00	0.00035
50.00	30.00	0.00029	60.00	30.00	0.00024
70.00	30.00	0.00021	80.00	30.00	0.00018
90.00	30.00	0.00016	100.00	30.00	0.00014
-100.00	40.00	0.00069	-90.00	40.00	0.00073
-80.00	40.00	0.00077	-70.00	40.00	0.00081
-60.00	40.00	0.00085	-50.00	40.00	0.00087
-40.00	40.00	0.00088	-30.00	40.00	0.00087
-25.00	40.00	0.00086	-20.00	40.00	0.00085

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 34

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00083	-15.00	40.00	0.00082
-13.00	40.00	0.00081	-11.00	40.00	0.00080
-9.00	40.00	0.00079	9.00	40.00	0.00064
11.00	40.00	0.00063	13.00	40.00	0.00061
15.00	40.00	0.00059	17.00	40.00	0.00057
20.00	40.00	0.00055	25.00	40.00	0.00050
30.00	40.00	0.00046	40.00	40.00	0.00037
50.00	40.00	0.00031	60.00	40.00	0.00025
70.00	40.00	0.00022	80.00	40.00	0.00019
90.00	40.00	0.00017	100.00	40.00	0.00015
-100.00	50.00	0.00075	-90.00	50.00	0.00080
-80.00	50.00	0.00085	-70.00	50.00	0.00090
-60.00	50.00	0.00095	-50.00	50.00	0.00099
-40.00	50.00	0.00101	-30.00	50.00	0.00100
-25.00	50.00	0.00099	-20.00	50.00	0.00098
-17.00	50.00	0.00096	-15.00	50.00	0.00095
-13.00	50.00	0.00094	-11.00	50.00	0.00093
-9.00	50.00	0.00091	9.00	50.00	0.00073
11.00	50.00	0.00071	13.00	50.00	0.00069
15.00	50.00	0.00066	17.00	50.00	0.00064
20.00	50.00	0.00061	25.00	50.00	0.00055
30.00	50.00	0.00050	40.00	50.00	0.00040
50.00	50.00	0.00032	60.00	50.00	0.00027
70.00	50.00	0.00023	80.00	50.00	0.00020
90.00	50.00	0.00018	100.00	50.00	0.00016
-100.00	60.00	0.00082	-90.00	60.00	0.00088
-80.00	60.00	0.00094	-70.00	60.00	0.00101
-60.00	60.00	0.00107	-50.00	60.00	0.00112
-40.00	60.00	0.00116	-30.00	60.00	0.00116
-25.00	60.00	0.00115	-20.00	60.00	0.00114
-17.00	60.00	0.00112	-15.00	60.00	0.00111
-13.00	60.00	0.00110	-11.00	60.00	0.00108
-9.00	60.00	0.00106	9.00	60.00	0.00083
11.00	60.00	0.00081	13.00	60.00	0.00078
15.00	60.00	0.00075	17.00	60.00	0.00072
20.00	60.00	0.00068	25.00	60.00	0.00061
30.00	60.00	0.00054	40.00	60.00	0.00043
50.00	60.00	0.00034	60.00	60.00	0.00028
70.00	60.00	0.00024	80.00	60.00	0.00021

90.00 60.00 0.00019 100.00 60.00 0.00017

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 35

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00090	-90.00	70.00	0.00097
-80.00	70.00	0.00104	-70.00	70.00	0.00112
-60.00	70.00	0.00120	-50.00	70.00	0.00128
-40.00	70.00	0.00134	-30.00	70.00	0.00136
-25.00	70.00	0.00135	-20.00	70.00	0.00134
-17.00	70.00	0.00132	-15.00	70.00	0.00131
-13.00	70.00	0.00129	-11.00	70.00	0.00127
-9.00	70.00	0.00125	9.00	70.00	0.00096
11.00	70.00	0.00092	13.00	70.00	0.00088
15.00	70.00	0.00085	17.00	70.00	0.00081
20.00	70.00	0.00075	25.00	70.00	0.00066
30.00	70.00	0.00058	40.00	70.00	0.00045
50.00	70.00	0.00036	60.00	70.00	0.00030
70.00	70.00	0.00026	80.00	70.00	0.00023
90.00	70.00	0.00020	100.00	70.00	0.00018
-100.00	80.00	0.00098	-90.00	80.00	0.00107
-80.00	80.00	0.00116	-70.00	80.00	0.00126
-60.00	80.00	0.00136	-50.00	80.00	0.00146
-40.00	80.00	0.00155	-30.00	80.00	0.00160
-25.00	80.00	0.00160	-20.00	80.00	0.00159
-17.00	80.00	0.00157	-15.00	80.00	0.00156
-13.00	80.00	0.00154	-11.00	80.00	0.00152
-9.00	80.00	0.00149	9.00	80.00	0.00111
11.00	80.00	0.00106	13.00	80.00	0.00101
15.00	80.00	0.00096	17.00	80.00	0.00091
20.00	80.00	0.00084	25.00	80.00	0.00073
30.00	80.00	0.00063	40.00	80.00	0.00049
50.00	80.00	0.00039	60.00	80.00	0.00033
70.00	80.00	0.00028	80.00	80.00	0.00024
90.00	80.00	0.00021	100.00	80.00	0.00019
-100.00	90.00	0.00106	-90.00	90.00	0.00117
-80.00	90.00	0.00129	-70.00	90.00	0.00141
-60.00	90.00	0.00154	-50.00	90.00	0.00167

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	90.00	0.00180	-30.00	90.00	0.00189
-25.00	90.00	0.00191	-20.00	90.00	0.00191
-17.00	90.00	0.00189	-15.00	90.00	0.00188
-13.00	90.00	0.00186	-11.00	90.00	0.00183
-9.00	90.00	0.00180	9.00	90.00	0.00128
11.00	90.00	0.00122	13.00	90.00	0.00115
15.00	90.00	0.00108	17.00	90.00	0.00102

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 36

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00092	25.00	90.00	0.00079
30.00	90.00	0.00068	40.00	90.00	0.00052
50.00	90.00	0.00042	60.00	90.00	0.00035
70.00	90.00	0.00030	80.00	90.00	0.00026
90.00	90.00	0.00022	100.00	90.00	0.00019
-100.00	100.00	0.00113	-90.00	100.00	0.00126
-80.00	100.00	0.00142	-70.00	100.00	0.00158
-60.00	100.00	0.00175	-50.00	100.00	0.00192
-40.00	100.00	0.00209	-30.00	100.00	0.00223
-25.00	100.00	0.00228	-20.00	100.00	0.00230
-17.00	100.00	0.00230	-15.00	100.00	0.00229
-13.00	100.00	0.00227	-11.00	100.00	0.00224
-9.00	100.00	0.00220	9.00	100.00	0.00149
11.00	100.00	0.00139	13.00	100.00	0.00130
15.00	100.00	0.00121	17.00	100.00	0.00112
20.00	100.00	0.00101	25.00	100.00	0.00085
30.00	100.00	0.00073	40.00	100.00	0.00056
50.00	100.00	0.00045	60.00	100.00	0.00037
70.00	100.00	0.00032	80.00	100.00	0.00027
90.00	100.00	0.00023	100.00	100.00	0.00020
-100.00	110.00	0.00117	-90.00	110.00	0.00133
-80.00	110.00	0.00151	-70.00	110.00	0.00172
-60.00	110.00	0.00196	-50.00	110.00	0.00220
-40.00	110.00	0.00244	-30.00	110.00	0.00264
-25.00	110.00	0.00273	-20.00	110.00	0.00279
-17.00	110.00	0.00280	-15.00	110.00	0.00280
-13.00	110.00	0.00279	-11.00	110.00	0.00277

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	110.00	0.00273	9.00	110.00	0.00171
11.00	110.00	0.00158	13.00	110.00	0.00145
15.00	110.00	0.00133	17.00	110.00	0.00123
20.00	110.00	0.00110	25.00	110.00	0.00092
30.00	110.00	0.00079	40.00	110.00	0.00061
50.00	110.00	0.00048	60.00	110.00	0.00040
70.00	110.00	0.00033	80.00	110.00	0.00028
90.00	110.00	0.00024	100.00	110.00	0.00021
-100.00	120.00	0.00118	-90.00	120.00	0.00136
-80.00	120.00	0.00157	-70.00	120.00	0.00182
-60.00	120.00	0.00211	-50.00	120.00	0.00244
-40.00	120.00	0.00279	-30.00	120.00	0.00313
-25.00	120.00	0.00327	-20.00	120.00	0.00337

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 37

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00343	-15.00	120.00	0.00345
-13.00	120.00	0.00347	-11.00	120.00	0.00346
-9.00	120.00	0.00344	9.00	120.00	0.00193
11.00	120.00	0.00175	13.00	120.00	0.00159
15.00	120.00	0.00145	17.00	120.00	0.00134
20.00	120.00	0.00119	25.00	120.00	0.00099
30.00	120.00	0.00084	40.00	120.00	0.00064
50.00	120.00	0.00051	60.00	120.00	0.00042
70.00	120.00	0.00035	80.00	120.00	0.00029
90.00	120.00	0.00025	100.00	120.00	0.00021
-100.00	130.00	0.00118	-90.00	130.00	0.00136
-80.00	130.00	0.00159	-70.00	130.00	0.00186
-60.00	130.00	0.00218	-50.00	130.00	0.00257
-40.00	130.00	0.00301	-30.00	130.00	0.00349
-25.00	130.00	0.00374	-20.00	130.00	0.00399
-17.00	130.00	0.00414	-15.00	130.00	0.00423
-13.00	130.00	0.00432	-11.00	130.00	0.00442
-9.00	130.00	0.00450	9.00	130.00	0.00213
11.00	130.00	0.00191	13.00	130.00	0.00172
15.00	130.00	0.00157	17.00	130.00	0.00143
20.00	130.00	0.00127	25.00	130.00	0.00105

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	130.00	0.00090	40.00	130.00	0.00068
50.00	130.00	0.00054	60.00	130.00	0.00044
70.00	130.00	0.00037	80.00	130.00	0.00031
90.00	130.00	0.00026	100.00	130.00	0.00022
-100.00	140.00	0.00114	-90.00	140.00	0.00134
-80.00	140.00	0.00157	-70.00	140.00	0.00185
-60.00	140.00	0.00219	-50.00	140.00	0.00260
-40.00	140.00	0.00308	-30.00	140.00	0.00363
-25.00	140.00	0.00392	-20.00	140.00	0.00423
-17.00	140.00	0.00443	-15.00	140.00	0.00458
-13.00	140.00	0.00474	-11.00	140.00	0.00494
-9.00	140.00	0.00520	9.00	140.00	0.00250
11.00	140.00	0.00219	13.00	140.00	0.00195
15.00	140.00	0.00177	17.00	140.00	0.00161
20.00	140.00	0.00142	25.00	140.00	0.00117
30.00	140.00	0.00100	40.00	140.00	0.00076
50.00	140.00	0.00060	60.00	140.00	0.00049
70.00	140.00	0.00040	80.00	140.00	0.00033
90.00	140.00	0.00028	100.00	140.00	0.00024

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 38

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 *** INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00109	-90.00	150.00	0.00128
-80.00	150.00	0.00151	-70.00	150.00	0.00180
-60.00	150.00	0.00214	-50.00	150.00	0.00256
-40.00	150.00	0.00305	-30.00	150.00	0.00362
-25.00	150.00	0.00393	-20.00	150.00	0.00427
-17.00	150.00	0.00451	-15.00	150.00	0.00468
-13.00	150.00	0.00488	-11.00	150.00	0.00515
-9.00	150.00	0.00555	9.00	150.00	0.00348
11.00	150.00	0.00294	13.00	150.00	0.00255
15.00	150.00	0.00224	17.00	150.00	0.00200
20.00	150.00	0.00171	25.00	150.00	0.00138
30.00	150.00	0.00116	40.00	150.00	0.00086
50.00	150.00	0.00067	60.00	150.00	0.00054
70.00	150.00	0.00044	80.00	150.00	0.00036
90.00	150.00	0.00030	100.00	150.00	0.00025

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	160.00	0.00101	-90.00	160.00	0.00120
-80.00	160.00	0.00142	-70.00	160.00	0.00170
-60.00	160.00	0.00204	-50.00	160.00	0.00246
-40.00	160.00	0.00295	-30.00	160.00	0.00354
-25.00	160.00	0.00387	-20.00	160.00	0.00426
-17.00	160.00	0.00455	-15.00	160.00	0.00479
-13.00	160.00	0.00511	-11.00	160.00	0.00554
-9.00	160.00	0.00618	9.00	160.00	0.00450
11.00	160.00	0.00380	13.00	160.00	0.00327
15.00	160.00	0.00286	17.00	160.00	0.00253
20.00	160.00	0.00214	25.00	160.00	0.00168
30.00	160.00	0.00137	40.00	160.00	0.00099
50.00	160.00	0.00076	60.00	160.00	0.00059
70.00	160.00	0.00048	80.00	160.00	0.00039
90.00	160.00	0.00032	100.00	160.00	0.00027
-100.00	170.00	0.00091	-90.00	170.00	0.00109
-80.00	170.00	0.00130	-70.00	170.00	0.00157
-60.00	170.00	0.00190	-50.00	170.00	0.00231
-40.00	170.00	0.00280	-30.00	170.00	0.00340
-25.00	170.00	0.00376	-20.00	170.00	0.00424
-17.00	170.00	0.00463	-15.00	170.00	0.00498
-13.00	170.00	0.00543	-11.00	170.00	0.00602
-9.00	170.00	0.00682	9.00	170.00	0.00530
11.00	170.00	0.00451	13.00	170.00	0.00390
15.00	170.00	0.00342	17.00	170.00	0.00303

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 39

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00256	25.00	170.00	0.00201
30.00	170.00	0.00163	40.00	170.00	0.00114
50.00	170.00	0.00085	60.00	170.00	0.00065
70.00	170.00	0.00052	80.00	170.00	0.00042
90.00	170.00	0.00035	100.00	170.00	0.00030
-100.00	180.00	0.00081	-90.00	180.00	0.00096
-80.00	180.00	0.00116	-70.00	180.00	0.00141
-60.00	180.00	0.00172	-50.00	180.00	0.00211
-40.00	180.00	0.00259	-30.00	180.00	0.00320

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	180.00	0.00361	-20.00	180.00	0.00420
-17.00	180.00	0.00470	-15.00	180.00	0.00514
-13.00	180.00	0.00568	-11.00	180.00	0.00637
-9.00	180.00	0.00727	9.00	180.00	0.00587
11.00	180.00	0.00504	13.00	180.00	0.00440
15.00	180.00	0.00388	17.00	180.00	0.00345
20.00	180.00	0.00294	25.00	180.00	0.00232
30.00	180.00	0.00188	40.00	180.00	0.00131
50.00	180.00	0.00095	60.00	180.00	0.00072
70.00	180.00	0.00057	80.00	180.00	0.00046
90.00	180.00	0.00038	100.00	180.00	0.00032
-100.00	190.00	0.00071	-90.00	190.00	0.00084
-80.00	190.00	0.00100	-70.00	190.00	0.00121
-60.00	190.00	0.00149	-50.00	190.00	0.00185
-40.00	190.00	0.00231	-30.00	190.00	0.00295
-25.00	190.00	0.00342	-20.00	190.00	0.00410
-17.00	190.00	0.00468	-15.00	190.00	0.00517
-13.00	190.00	0.00577	-11.00	190.00	0.00652
-9.00	190.00	0.00747	9.00	190.00	0.00625
11.00	190.00	0.00541	13.00	190.00	0.00476
15.00	190.00	0.00423	17.00	190.00	0.00379
20.00	190.00	0.00325	25.00	190.00	0.00258
30.00	190.00	0.00210	40.00	190.00	0.00146
50.00	190.00	0.00106	60.00	190.00	0.00080
70.00	190.00	0.00062	80.00	190.00	0.00050
90.00	190.00	0.00041	100.00	190.00	0.00034
-100.00	200.00	0.00062	-90.00	200.00	0.00073
-80.00	200.00	0.00086	-70.00	200.00	0.00102
-60.00	200.00	0.00124	-50.00	200.00	0.00154
-40.00	200.00	0.00197	-30.00	200.00	0.00263
-25.00	200.00	0.00314	-20.00	200.00	0.00387

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 40

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00449	-15.00	200.00	0.00501
-13.00	200.00	0.00564	-11.00	200.00	0.00643
-9.00	200.00	0.00741	9.00	200.00	0.00647

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	200.00	0.00565	13.00	200.00	0.00501
15.00	200.00	0.00449	17.00	200.00	0.00405
20.00	200.00	0.00349	25.00	200.00	0.00279
30.00	200.00	0.00228	40.00	200.00	0.00159
50.00	200.00	0.00117	60.00	200.00	0.00088
70.00	200.00	0.00068	80.00	200.00	0.00054
90.00	200.00	0.00044	100.00	200.00	0.00037
-100.00	210.00	0.00055	-90.00	210.00	0.00063
-80.00	210.00	0.00074	-70.00	210.00	0.00087
-60.00	210.00	0.00104	-50.00	210.00	0.00126
-40.00	210.00	0.00161	-30.00	210.00	0.00222
-25.00	210.00	0.00274	-20.00	210.00	0.00350
-17.00	210.00	0.00413	-15.00	210.00	0.00465
-13.00	210.00	0.00529	-11.00	210.00	0.00607
-9.00	210.00	0.00705	9.00	210.00	0.00659
11.00	210.00	0.00580	13.00	210.00	0.00517
15.00	210.00	0.00466	17.00	210.00	0.00423
20.00	210.00	0.00367	25.00	210.00	0.00295
30.00	210.00	0.00243	40.00	210.00	0.00171
50.00	210.00	0.00126	60.00	210.00	0.00096
70.00	210.00	0.00074	80.00	210.00	0.00059
90.00	210.00	0.00048	100.00	210.00	0.00039
-100.00	220.00	0.00049	-90.00	220.00	0.00056
-80.00	220.00	0.00064	-70.00	220.00	0.00075
-60.00	220.00	0.00089	-50.00	220.00	0.00107
-40.00	220.00	0.00137	-30.00	220.00	0.00191
-25.00	220.00	0.00236	-20.00	220.00	0.00303
-17.00	220.00	0.00359	-15.00	220.00	0.00407
-13.00	220.00	0.00464	-11.00	220.00	0.00536
-9.00	220.00	0.00627	9.00	220.00	0.00665
11.00	220.00	0.00589	13.00	220.00	0.00527
15.00	220.00	0.00477	17.00	220.00	0.00434
20.00	220.00	0.00380	25.00	220.00	0.00308
30.00	220.00	0.00254	40.00	220.00	0.00181
50.00	220.00	0.00134	60.00	220.00	0.00102
70.00	220.00	0.00079	80.00	220.00	0.00063
90.00	220.00	0.00051	100.00	220.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 41

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1
 INCLUDING SOURCE(S): NCRA_S1 ,

05NCRA_NAPA01-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	230.00	0.00044	-90.00	230.00	0.00050	
-80.00	230.00	0.00057	-70.00	230.00	0.00066	
-60.00	230.00	0.00078	-50.00	230.00	0.00096	
-40.00	230.00	0.00125	-30.00	230.00	0.00179	
-25.00	230.00	0.00223	-20.00	230.00	0.00288	
-17.00	230.00	0.00341	-15.00	230.00	0.00384	
-13.00	230.00	0.00435	-11.00	230.00	0.00497	
-9.00	230.00	0.00573	9.00	230.00	0.00644	
11.00	230.00	0.00578	13.00	230.00	0.00522	
15.00	230.00	0.00474	17.00	230.00	0.00433	
20.00	230.00	0.00381	25.00	230.00	0.00311	
30.00	230.00	0.00258	40.00	230.00	0.00185	
50.00	230.00	0.00138	60.00	230.00	0.00105	
70.00	230.00	0.00083	80.00	230.00	0.00066	
90.00	230.00	0.00053	100.00	230.00	0.00044	
-100.00	240.00	0.00040	-90.00	240.00	0.00045	
-80.00	240.00	0.00051	-70.00	240.00	0.00060	
-60.00	240.00	0.00072	-50.00	240.00	0.00089	
-40.00	240.00	0.00120	-30.00	240.00	0.00176	
-25.00	240.00	0.00221	-20.00	240.00	0.00285	
-17.00	240.00	0.00337	-15.00	240.00	0.00379	
-13.00	240.00	0.00428	-11.00	240.00	0.00484	
-9.00	240.00	0.00546	9.00	240.00	0.00552	
11.00	240.00	0.00511	13.00	240.00	0.00472	
15.00	240.00	0.00437	17.00	240.00	0.00405	
20.00	240.00	0.00361	25.00	240.00	0.00302	
30.00	240.00	0.00254	40.00	240.00	0.00184	
50.00	240.00	0.00138	60.00	240.00	0.00107	
70.00	240.00	0.00084	80.00	240.00	0.00068	
90.00	240.00	0.00055	100.00	240.00	0.00045	
-100.00	250.00	0.00037	-90.00	250.00	0.00041	
-80.00	250.00	0.00047	-70.00	250.00	0.00056	
-60.00	250.00	0.00067	-50.00	250.00	0.00086	
-40.00	250.00	0.00117	-30.00	250.00	0.00174	
-25.00	250.00	0.00219	-20.00	250.00	0.00281	
-17.00	250.00	0.00329	-15.00	250.00	0.00364	
-13.00	250.00	0.00402	-11.00	250.00	0.00441	
-9.00	250.00	0.00479	9.00	250.00	0.00454	
11.00	250.00	0.00429	13.00	250.00	0.00404	
15.00	250.00	0.00380	17.00	250.00	0.00357	

04/20/08

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 42

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S1

INCLUDING SOURCE(S): NCRA_S1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00326	25.00	250.00	0.00279
30.00	250.00	0.00240	40.00	250.00	0.00180
50.00	250.00	0.00137	60.00	250.00	0.00107
70.00	250.00	0.00085	80.00	250.00	0.00069
90.00	250.00	0.00056	100.00	250.00	0.00046

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 43

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00017	-90.00	-250.00	0.00017
-80.00	-250.00	0.00017	-70.00	-250.00	0.00017
-60.00	-250.00	0.00017	-50.00	-250.00	0.00016
-40.00	-250.00	0.00016	-30.00	-250.00	0.00016
-25.00	-250.00	0.00015	-20.00	-250.00	0.00015
-17.00	-250.00	0.00015	-15.00	-250.00	0.00015
-13.00	-250.00	0.00015	-11.00	-250.00	0.00015
-9.00	-250.00	0.00014	9.00	-250.00	0.00013
11.00	-250.00	0.00013	13.00	-250.00	0.00013
15.00	-250.00	0.00013	17.00	-250.00	0.00013
20.00	-250.00	0.00013	25.00	-250.00	0.00012
30.00	-250.00	0.00012	40.00	-250.00	0.00011
50.00	-250.00	0.00011	60.00	-250.00	0.00010
70.00	-250.00	0.00009	80.00	-250.00	0.00009
90.00	-250.00	0.00008	100.00	-250.00	0.00007
-100.00	-240.00	0.00018	-90.00	-240.00	0.00018
-80.00	-240.00	0.00018	-70.00	-240.00	0.00018
-60.00	-240.00	0.00018	-50.00	-240.00	0.00017
-40.00	-240.00	0.00017	-30.00	-240.00	0.00016
-25.00	-240.00	0.00016	-20.00	-240.00	0.00016

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	-240.00	0.00016	-15.00	-240.00	0.00016
-13.00	-240.00	0.00016	-11.00	-240.00	0.00015
-9.00	-240.00	0.00015	9.00	-240.00	0.00014
11.00	-240.00	0.00014	13.00	-240.00	0.00014
15.00	-240.00	0.00014	17.00	-240.00	0.00013
20.00	-240.00	0.00013	25.00	-240.00	0.00013
30.00	-240.00	0.00013	40.00	-240.00	0.00012
50.00	-240.00	0.00011	60.00	-240.00	0.00010
70.00	-240.00	0.00010	80.00	-240.00	0.00009
90.00	-240.00	0.00008	100.00	-240.00	0.00008
-100.00	-230.00	0.00019	-90.00	-230.00	0.00019
-80.00	-230.00	0.00019	-70.00	-230.00	0.00019
-60.00	-230.00	0.00019	-50.00	-230.00	0.00018
-40.00	-230.00	0.00018	-30.00	-230.00	0.00018
-25.00	-230.00	0.00017	-20.00	-230.00	0.00017
-17.00	-230.00	0.00017	-15.00	-230.00	0.00017
-13.00	-230.00	0.00016	-11.00	-230.00	0.00016
-9.00	-230.00	0.00016	9.00	-230.00	0.00015
11.00	-230.00	0.00015	13.00	-230.00	0.00015
15.00	-230.00	0.00014	17.00	-230.00	0.00014

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
 PAGE 44

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00014	25.00	-230.00	0.00014
30.00	-230.00	0.00013	40.00	-230.00	0.00012
50.00	-230.00	0.00012	60.00	-230.00	0.00011
70.00	-230.00	0.00010	80.00	-230.00	0.00009
90.00	-230.00	0.00008	100.00	-230.00	0.00008
-100.00	-220.00	0.00020	-90.00	-220.00	0.00020
-80.00	-220.00	0.00020	-70.00	-220.00	0.00020
-60.00	-220.00	0.00020	-50.00	-220.00	0.00020
-40.00	-220.00	0.00019	-30.00	-220.00	0.00019
-25.00	-220.00	0.00018	-20.00	-220.00	0.00018
-17.00	-220.00	0.00018	-15.00	-220.00	0.00018
-13.00	-220.00	0.00017	-11.00	-220.00	0.00017
-9.00	-220.00	0.00017	9.00	-220.00	0.00016
11.00	-220.00	0.00016	13.00	-220.00	0.00015

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	-220.00	0.00015	17.00	-220.00	0.00015
20.00	-220.00	0.00015	25.00	-220.00	0.00014
30.00	-220.00	0.00014	40.00	-220.00	0.00013
50.00	-220.00	0.00012	60.00	-220.00	0.00011
70.00	-220.00	0.00010	80.00	-220.00	0.00010
90.00	-220.00	0.00009	100.00	-220.00	0.00008
-100.00	-210.00	0.00022	-90.00	-210.00	0.00021
-80.00	-210.00	0.00021	-70.00	-210.00	0.00021
-60.00	-210.00	0.00021	-50.00	-210.00	0.00021
-40.00	-210.00	0.00020	-30.00	-210.00	0.00020
-25.00	-210.00	0.00020	-20.00	-210.00	0.00019
-17.00	-210.00	0.00019	-15.00	-210.00	0.00019
-13.00	-210.00	0.00019	-11.00	-210.00	0.00018
-9.00	-210.00	0.00018	9.00	-210.00	0.00017
11.00	-210.00	0.00016	13.00	-210.00	0.00016
15.00	-210.00	0.00016	17.00	-210.00	0.00016
20.00	-210.00	0.00016	25.00	-210.00	0.00015
30.00	-210.00	0.00015	40.00	-210.00	0.00014
50.00	-210.00	0.00013	60.00	-210.00	0.00012
70.00	-210.00	0.00011	80.00	-210.00	0.00010
90.00	-210.00	0.00009	100.00	-210.00	0.00008
-100.00	-200.00	0.00023	-90.00	-200.00	0.00023
-80.00	-200.00	0.00023	-70.00	-200.00	0.00023
-60.00	-200.00	0.00022	-50.00	-200.00	0.00022
-40.00	-200.00	0.00022	-30.00	-200.00	0.00021
-25.00	-200.00	0.00021	-20.00	-200.00	0.00020

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
 PAGE 45

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00020	-15.00	-200.00	0.00020
-13.00	-200.00	0.00020	-11.00	-200.00	0.00020
-9.00	-200.00	0.00019	9.00	-200.00	0.00018
11.00	-200.00	0.00017	13.00	-200.00	0.00017
15.00	-200.00	0.00017	17.00	-200.00	0.00017
20.00	-200.00	0.00017	25.00	-200.00	0.00016
30.00	-200.00	0.00016	40.00	-200.00	0.00015
50.00	-200.00	0.00013	60.00	-200.00	0.00012

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	-200.00	0.00011	80.00	-200.00	0.00010
90.00	-200.00	0.00009	100.00	-200.00	0.00009
-100.00	-190.00	0.00024	-90.00	-190.00	0.00024
-80.00	-190.00	0.00024	-70.00	-190.00	0.00024
-60.00	-190.00	0.00024	-50.00	-190.00	0.00024
-40.00	-190.00	0.00023	-30.00	-190.00	0.00023
-25.00	-190.00	0.00022	-20.00	-190.00	0.00022
-17.00	-190.00	0.00022	-15.00	-190.00	0.00021
-13.00	-190.00	0.00021	-11.00	-190.00	0.00021
-9.00	-190.00	0.00021	9.00	-190.00	0.00019
11.00	-190.00	0.00019	13.00	-190.00	0.00018
15.00	-190.00	0.00018	17.00	-190.00	0.00018
20.00	-190.00	0.00018	25.00	-190.00	0.00017
30.00	-190.00	0.00016	40.00	-190.00	0.00015
50.00	-190.00	0.00014	60.00	-190.00	0.00013
70.00	-190.00	0.00012	80.00	-190.00	0.00011
90.00	-190.00	0.00010	100.00	-190.00	0.00009
-100.00	-180.00	0.00026	-90.00	-180.00	0.00026
-80.00	-180.00	0.00026	-70.00	-180.00	0.00026
-60.00	-180.00	0.00026	-50.00	-180.00	0.00025
-40.00	-180.00	0.00025	-30.00	-180.00	0.00024
-25.00	-180.00	0.00024	-20.00	-180.00	0.00023
-17.00	-180.00	0.00023	-15.00	-180.00	0.00023
-13.00	-180.00	0.00023	-11.00	-180.00	0.00023
-9.00	-180.00	0.00022	9.00	-180.00	0.00020
11.00	-180.00	0.00020	13.00	-180.00	0.00020
15.00	-180.00	0.00019	17.00	-180.00	0.00019
20.00	-180.00	0.00019	25.00	-180.00	0.00018
30.00	-180.00	0.00017	40.00	-180.00	0.00016
50.00	-180.00	0.00015	60.00	-180.00	0.00014
70.00	-180.00	0.00012	80.00	-180.00	0.00011
90.00	-180.00	0.00010	100.00	-180.00	0.00009

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:
 PAGE 46

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00028	-90.00	-170.00	0.00028
-80.00	-170.00	0.00028	-70.00	-170.00	0.00028

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-170.00	0.00028	-50.00	-170.00	0.00027
-40.00	-170.00	0.00027	-30.00	-170.00	0.00026
-25.00	-170.00	0.00026	-20.00	-170.00	0.00025
-17.00	-170.00	0.00025	-15.00	-170.00	0.00025
-13.00	-170.00	0.00024	-11.00	-170.00	0.00024
-9.00	-170.00	0.00024	9.00	-170.00	0.00022
11.00	-170.00	0.00021	13.00	-170.00	0.00021
15.00	-170.00	0.00021	17.00	-170.00	0.00020
20.00	-170.00	0.00020	25.00	-170.00	0.00019
30.00	-170.00	0.00019	40.00	-170.00	0.00017
50.00	-170.00	0.00016	60.00	-170.00	0.00014
70.00	-170.00	0.00013	80.00	-170.00	0.00012
90.00	-170.00	0.00010	100.00	-170.00	0.00009
-100.00	-160.00	0.00030	-90.00	-160.00	0.00030
-80.00	-160.00	0.00030	-70.00	-160.00	0.00030
-60.00	-160.00	0.00030	-50.00	-160.00	0.00030
-40.00	-160.00	0.00029	-30.00	-160.00	0.00028
-25.00	-160.00	0.00028	-20.00	-160.00	0.00027
-17.00	-160.00	0.00027	-15.00	-160.00	0.00027
-13.00	-160.00	0.00026	-11.00	-160.00	0.00026
-9.00	-160.00	0.00026	9.00	-160.00	0.00023
11.00	-160.00	0.00023	13.00	-160.00	0.00022
15.00	-160.00	0.00022	17.00	-160.00	0.00022
20.00	-160.00	0.00021	25.00	-160.00	0.00021
30.00	-160.00	0.00020	40.00	-160.00	0.00018
50.00	-160.00	0.00017	60.00	-160.00	0.00015
70.00	-160.00	0.00013	80.00	-160.00	0.00012
90.00	-160.00	0.00011	100.00	-160.00	0.00010
-100.00	-150.00	0.00032	-90.00	-150.00	0.00032
-80.00	-150.00	0.00032	-70.00	-150.00	0.00032
-60.00	-150.00	0.00032	-50.00	-150.00	0.00032
-40.00	-150.00	0.00031	-30.00	-150.00	0.00031
-25.00	-150.00	0.00030	-20.00	-150.00	0.00030
-17.00	-150.00	0.00029	-15.00	-150.00	0.00029
-13.00	-150.00	0.00029	-11.00	-150.00	0.00028
-9.00	-150.00	0.00028	9.00	-150.00	0.00025
11.00	-150.00	0.00025	13.00	-150.00	0.00024
15.00	-150.00	0.00024	17.00	-150.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2 ***

05NCRA NAPA01-300_DPM_TRAV_ANN_N-S Bound
 INCLUDING SOURCE(S) : NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	-150.00	0.00023	25.00	-150.00	0.00022	
30.00	-150.00	0.00021	40.00	-150.00	0.00019	
50.00	-150.00	0.00017	60.00	-150.00	0.00016	
70.00	-150.00	0.00014	80.00	-150.00	0.00012	
90.00	-150.00	0.00011	100.00	-150.00	0.00010	
-100.00	-140.00	0.00034	-90.00	-140.00	0.00035	
-80.00	-140.00	0.00035	-70.00	-140.00	0.00035	
-60.00	-140.00	0.00035	-50.00	-140.00	0.00035	
-40.00	-140.00	0.00034	-30.00	-140.00	0.00033	
-25.00	-140.00	0.00033	-20.00	-140.00	0.00032	
-17.00	-140.00	0.00032	-15.00	-140.00	0.00031	
-13.00	-140.00	0.00031	-11.00	-140.00	0.00031	
-9.00	-140.00	0.00030	9.00	-140.00	0.00027	
11.00	-140.00	0.00026	13.00	-140.00	0.00026	
15.00	-140.00	0.00026	17.00	-140.00	0.00025	
20.00	-140.00	0.00025	25.00	-140.00	0.00024	
30.00	-140.00	0.00023	40.00	-140.00	0.00021	
50.00	-140.00	0.00018	60.00	-140.00	0.00016	
70.00	-140.00	0.00015	80.00	-140.00	0.00013	
90.00	-140.00	0.00011	100.00	-140.00	0.00010	
-100.00	-130.00	0.00037	-90.00	-130.00	0.00037	
-80.00	-130.00	0.00038	-70.00	-130.00	0.00038	
-60.00	-130.00	0.00038	-50.00	-130.00	0.00038	
-40.00	-130.00	0.00037	-30.00	-130.00	0.00036	
-25.00	-130.00	0.00036	-20.00	-130.00	0.00035	
-17.00	-130.00	0.00035	-15.00	-130.00	0.00034	
-13.00	-130.00	0.00034	-11.00	-130.00	0.00033	
-9.00	-130.00	0.00033	9.00	-130.00	0.00029	
11.00	-130.00	0.00029	13.00	-130.00	0.00028	
15.00	-130.00	0.00028	17.00	-130.00	0.00027	
20.00	-130.00	0.00027	25.00	-130.00	0.00025	
30.00	-130.00	0.00024	40.00	-130.00	0.00022	
50.00	-130.00	0.00020	60.00	-130.00	0.00017	
70.00	-130.00	0.00015	80.00	-130.00	0.00013	
90.00	-130.00	0.00012	100.00	-130.00	0.00011	
-100.00	-120.00	0.00040	-90.00	-120.00	0.00041	
-80.00	-120.00	0.00041	-70.00	-120.00	0.00042	
-60.00	-120.00	0.00042	-50.00	-120.00	0.00041	
-40.00	-120.00	0.00041	-30.00	-120.00	0.00040	
-25.00	-120.00	0.00039	-20.00	-120.00	0.00038	

1 *** ICSCT3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:

PAGE 48

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00038	-15.00	-120.00	0.00037
-13.00	-120.00	0.00037	-11.00	-120.00	0.00037
-9.00	-120.00	0.00036	9.00	-120.00	0.00032
11.00	-120.00	0.00031	13.00	-120.00	0.00031
15.00	-120.00	0.00030	17.00	-120.00	0.00030
20.00	-120.00	0.00029	25.00	-120.00	0.00027
30.00	-120.00	0.00026	40.00	-120.00	0.00023
50.00	-120.00	0.00021	60.00	-120.00	0.00018
70.00	-120.00	0.00016	80.00	-120.00	0.00014
90.00	-120.00	0.00012	100.00	-120.00	0.00011
-100.00	-110.00	0.00043	-90.00	-110.00	0.00044
-80.00	-110.00	0.00045	-70.00	-110.00	0.00045
-60.00	-110.00	0.00046	-50.00	-110.00	0.00045
-40.00	-110.00	0.00045	-30.00	-110.00	0.00044
-25.00	-110.00	0.00043	-20.00	-110.00	0.00042
-17.00	-110.00	0.00042	-15.00	-110.00	0.00041
-13.00	-110.00	0.00041	-11.00	-110.00	0.00040
-9.00	-110.00	0.00040	9.00	-110.00	0.00034
11.00	-110.00	0.00034	13.00	-110.00	0.00033
15.00	-110.00	0.00033	17.00	-110.00	0.00032
20.00	-110.00	0.00031	25.00	-110.00	0.00030
30.00	-110.00	0.00028	40.00	-110.00	0.00025
50.00	-110.00	0.00022	60.00	-110.00	0.00019
70.00	-110.00	0.00017	80.00	-110.00	0.00014
90.00	-110.00	0.00013	100.00	-110.00	0.00011
-100.00	-100.00	0.00046	-90.00	-100.00	0.00048
-80.00	-100.00	0.00049	-70.00	-100.00	0.00050
-60.00	-100.00	0.00050	-50.00	-100.00	0.00050
-40.00	-100.00	0.00049	-30.00	-100.00	0.00048
-25.00	-100.00	0.00048	-20.00	-100.00	0.00047
-17.00	-100.00	0.00046	-15.00	-100.00	0.00045
-13.00	-100.00	0.00045	-11.00	-100.00	0.00044
-9.00	-100.00	0.00044	9.00	-100.00	0.00038
11.00	-100.00	0.00037	13.00	-100.00	0.00036

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	-100.00	0.00036	17.00	-100.00	0.00035
20.00	-100.00	0.00034	25.00	-100.00	0.00032
30.00	-100.00	0.00030	40.00	-100.00	0.00027
50.00	-100.00	0.00023	60.00	-100.00	0.00020
70.00	-100.00	0.00017	80.00	-100.00	0.00015
90.00	-100.00	0.00013	100.00	-100.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 49

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00050	-90.00	-90.00	0.00052
-80.00	-90.00	0.00053	-70.00	-90.00	0.00055
-60.00	-90.00	0.00055	-50.00	-90.00	0.00055
-40.00	-90.00	0.00055	-30.00	-90.00	0.00054
-25.00	-90.00	0.00053	-20.00	-90.00	0.00052
-17.00	-90.00	0.00051	-15.00	-90.00	0.00051
-13.00	-90.00	0.00050	-11.00	-90.00	0.00049
-9.00	-90.00	0.00049	9.00	-90.00	0.00042
11.00	-90.00	0.00041	13.00	-90.00	0.00040
15.00	-90.00	0.00039	17.00	-90.00	0.00038
20.00	-90.00	0.00037	25.00	-90.00	0.00035
30.00	-90.00	0.00033	40.00	-90.00	0.00029
50.00	-90.00	0.00024	60.00	-90.00	0.00021
70.00	-90.00	0.00018	80.00	-90.00	0.00016
90.00	-90.00	0.00014	100.00	-90.00	0.00012
-100.00	-80.00	0.00054	-90.00	-80.00	0.00056
-80.00	-80.00	0.00058	-70.00	-80.00	0.00060
-60.00	-80.00	0.00061	-50.00	-80.00	0.00062
-40.00	-80.00	0.00061	-30.00	-80.00	0.00060
-25.00	-80.00	0.00059	-20.00	-80.00	0.00058
-17.00	-80.00	0.00057	-15.00	-80.00	0.00057
-13.00	-80.00	0.00056	-11.00	-80.00	0.00055
-9.00	-80.00	0.00054	9.00	-80.00	0.00046
11.00	-80.00	0.00045	13.00	-80.00	0.00044
15.00	-80.00	0.00043	17.00	-80.00	0.00042
20.00	-80.00	0.00041	25.00	-80.00	0.00038
30.00	-80.00	0.00036	40.00	-80.00	0.00031
50.00	-80.00	0.00026	60.00	-80.00	0.00022

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	-80.00	0.00019	80.00	-80.00	0.00016
90.00	-80.00	0.00014	100.00	-80.00	0.00013
-100.00	-70.00	0.00058	-90.00	-70.00	0.00061
-80.00	-70.00	0.00064	-70.00	-70.00	0.00066
-60.00	-70.00	0.00068	-50.00	-70.00	0.00069
-40.00	-70.00	0.00069	-30.00	-70.00	0.00068
-25.00	-70.00	0.00067	-20.00	-70.00	0.00065
-17.00	-70.00	0.00064	-15.00	-70.00	0.00064
-13.00	-70.00	0.00063	-11.00	-70.00	0.00062
-9.00	-70.00	0.00061	9.00	-70.00	0.00051
11.00	-70.00	0.00050	13.00	-70.00	0.00049
15.00	-70.00	0.00048	17.00	-70.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 50

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00045	25.00	-70.00	0.00042
30.00	-70.00	0.00039	40.00	-70.00	0.00033
50.00	-70.00	0.00027	60.00	-70.00	0.00023
70.00	-70.00	0.00020	80.00	-70.00	0.00017
90.00	-70.00	0.00015	100.00	-70.00	0.00013
-100.00	-60.00	0.00063	-90.00	-60.00	0.00067
-80.00	-60.00	0.00070	-70.00	-60.00	0.00073
-60.00	-60.00	0.00076	-50.00	-60.00	0.00077
-40.00	-60.00	0.00077	-30.00	-60.00	0.00076
-25.00	-60.00	0.00075	-20.00	-60.00	0.00074
-17.00	-60.00	0.00073	-15.00	-60.00	0.00072
-13.00	-60.00	0.00071	-11.00	-60.00	0.00070
-9.00	-60.00	0.00069	9.00	-60.00	0.00057
11.00	-60.00	0.00056	13.00	-60.00	0.00054
15.00	-60.00	0.00053	17.00	-60.00	0.00052
20.00	-60.00	0.00049	25.00	-60.00	0.00046
30.00	-60.00	0.00042	40.00	-60.00	0.00035
50.00	-60.00	0.00029	60.00	-60.00	0.00024
70.00	-60.00	0.00021	80.00	-60.00	0.00018
90.00	-60.00	0.00016	100.00	-60.00	0.00014
-100.00	-50.00	0.00069	-90.00	-50.00	0.00073
-80.00	-50.00	0.00077	-70.00	-50.00	0.00081

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-50.00	0.00085	-50.00	-50.00	0.00087
-40.00	-50.00	0.00088	-30.00	-50.00	0.00087
-25.00	-50.00	0.00086	-20.00	-50.00	0.00085
-17.00	-50.00	0.00083	-15.00	-50.00	0.00082
-13.00	-50.00	0.00081	-11.00	-50.00	0.00080
-9.00	-50.00	0.00079	9.00	-50.00	0.00064
11.00	-50.00	0.00063	13.00	-50.00	0.00061
15.00	-50.00	0.00059	17.00	-50.00	0.00057
20.00	-50.00	0.00055	25.00	-50.00	0.00050
30.00	-50.00	0.00046	40.00	-50.00	0.00037
50.00	-50.00	0.00031	60.00	-50.00	0.00025
70.00	-50.00	0.00022	80.00	-50.00	0.00019
90.00	-50.00	0.00017	100.00	-50.00	0.00015
-100.00	-40.00	0.00075	-90.00	-40.00	0.00080
-80.00	-40.00	0.00085	-70.00	-40.00	0.00090
-60.00	-40.00	0.00095	-50.00	-40.00	0.00099
-40.00	-40.00	0.00101	-30.00	-40.00	0.00100
-25.00	-40.00	0.00099	-20.00	-40.00	0.00098

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 51

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00096	-15.00	-40.00	0.00095
-13.00	-40.00	0.00094	-11.00	-40.00	0.00093
-9.00	-40.00	0.00091	9.00	-40.00	0.00073
11.00	-40.00	0.00071	13.00	-40.00	0.00069
15.00	-40.00	0.00066	17.00	-40.00	0.00064
20.00	-40.00	0.00061	25.00	-40.00	0.00055
30.00	-40.00	0.00050	40.00	-40.00	0.00040
50.00	-40.00	0.00032	60.00	-40.00	0.00027
70.00	-40.00	0.00023	80.00	-40.00	0.00020
90.00	-40.00	0.00018	100.00	-40.00	0.00016
-100.00	-30.00	0.00082	-90.00	-30.00	0.00088
-80.00	-30.00	0.00094	-70.00	-30.00	0.00101
-60.00	-30.00	0.00107	-50.00	-30.00	0.00112
-40.00	-30.00	0.00116	-30.00	-30.00	0.00116
-25.00	-30.00	0.00115	-20.00	-30.00	0.00114
-17.00	-30.00	0.00112	-15.00	-30.00	0.00111

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-30.00	0.00110	-11.00	-30.00	0.00108
-9.00	-30.00	0.00106	9.00	-30.00	0.00083
11.00	-30.00	0.00081	13.00	-30.00	0.00078
15.00	-30.00	0.00075	17.00	-30.00	0.00072
20.00	-30.00	0.00068	25.00	-30.00	0.00061
30.00	-30.00	0.00054	40.00	-30.00	0.00043
50.00	-30.00	0.00034	60.00	-30.00	0.00028
70.00	-30.00	0.00024	80.00	-30.00	0.00021
90.00	-30.00	0.00019	100.00	-30.00	0.00017
-100.00	-20.00	0.00090	-90.00	-20.00	0.00097
-80.00	-20.00	0.00104	-70.00	-20.00	0.00112
-60.00	-20.00	0.00120	-50.00	-20.00	0.00128
-40.00	-20.00	0.00134	-30.00	-20.00	0.00136
-25.00	-20.00	0.00135	-20.00	-20.00	0.00134
-17.00	-20.00	0.00132	-15.00	-20.00	0.00131
-13.00	-20.00	0.00129	-11.00	-20.00	0.00127
-9.00	-20.00	0.00125	9.00	-20.00	0.00096
11.00	-20.00	0.00092	13.00	-20.00	0.00088
15.00	-20.00	0.00085	17.00	-20.00	0.00081
20.00	-20.00	0.00075	25.00	-20.00	0.00066
30.00	-20.00	0.00058	40.00	-20.00	0.00045
50.00	-20.00	0.00036	60.00	-20.00	0.00030
70.00	-20.00	0.00026	80.00	-20.00	0.00023
90.00	-20.00	0.00020	100.00	-20.00	0.00018

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 52
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00098	-90.00	-10.00	0.00107
-80.00	-10.00	0.00116	-70.00	-10.00	0.00126
-60.00	-10.00	0.00136	-50.00	-10.00	0.00146
-40.00	-10.00	0.00155	-30.00	-10.00	0.00160
-25.00	-10.00	0.00160	-20.00	-10.00	0.00159
-17.00	-10.00	0.00157	-15.00	-10.00	0.00156
-13.00	-10.00	0.00154	-11.00	-10.00	0.00152
-9.00	-10.00	0.00149	9.00	-10.00	0.00111
11.00	-10.00	0.00106	13.00	-10.00	0.00101
15.00	-10.00	0.00096	17.00	-10.00	0.00091

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-10.00	0.00084	25.00	-10.00	0.00073
30.00	-10.00	0.00063	40.00	-10.00	0.00049
50.00	-10.00	0.00039	60.00	-10.00	0.00033
70.00	-10.00	0.00028	80.00	-10.00	0.00024
90.00	-10.00	0.00021	100.00	-10.00	0.00019
-100.00	0.00	0.00106	-90.00	0.00	0.00117
-80.00	0.00	0.00129	-70.00	0.00	0.00141
-60.00	0.00	0.00154	-50.00	0.00	0.00167
-40.00	0.00	0.00180	-30.00	0.00	0.00189
-25.00	0.00	0.00191	-20.00	0.00	0.00191
-17.00	0.00	0.00189	-15.00	0.00	0.00188
-13.00	0.00	0.00186	-11.00	0.00	0.00183
-9.00	0.00	0.00180	9.00	0.00	0.00128
11.00	0.00	0.00122	13.00	0.00	0.00115
15.00	0.00	0.00108	17.00	0.00	0.00102
20.00	0.00	0.00092	25.00	0.00	0.00079
30.00	0.00	0.00068	40.00	0.00	0.00052
50.00	0.00	0.00042	60.00	0.00	0.00035
70.00	0.00	0.00030	80.00	0.00	0.00026
90.00	0.00	0.00022	100.00	0.00	0.00019
-100.00	10.00	0.00113	-90.00	10.00	0.00126
-80.00	10.00	0.00142	-70.00	10.00	0.00158
-60.00	10.00	0.00175	-50.00	10.00	0.00192
-40.00	10.00	0.00209	-30.00	10.00	0.00223
-25.00	10.00	0.00228	-20.00	10.00	0.00230
-17.00	10.00	0.00230	-15.00	10.00	0.00229
-13.00	10.00	0.00227	-11.00	10.00	0.00224
-9.00	10.00	0.00220	9.00	10.00	0.00149
11.00	10.00	0.00139	13.00	10.00	0.00130
15.00	10.00	0.00121	17.00	10.00	0.00112

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 53

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00101	25.00	10.00	0.00085
30.00	10.00	0.00073	40.00	10.00	0.00056
50.00	10.00	0.00045	60.00	10.00	0.00037
70.00	10.00	0.00032	80.00	10.00	0.00027

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	10.00	0.00023	100.00	10.00	0.00020
-100.00	20.00	0.00117	-90.00	20.00	0.00133
-80.00	20.00	0.00151	-70.00	20.00	0.00172
-60.00	20.00	0.00196	-50.00	20.00	0.00220
-40.00	20.00	0.00244	-30.00	20.00	0.00264
-25.00	20.00	0.00273	-20.00	20.00	0.00279
-17.00	20.00	0.00280	-15.00	20.00	0.00280
-13.00	20.00	0.00279	-11.00	20.00	0.00277
-9.00	20.00	0.00273	9.00	20.00	0.00171
11.00	20.00	0.00158	13.00	20.00	0.00145
15.00	20.00	0.00133	17.00	20.00	0.00123
20.00	20.00	0.00110	25.00	20.00	0.00092
30.00	20.00	0.00079	40.00	20.00	0.00061
50.00	20.00	0.00048	60.00	20.00	0.00040
70.00	20.00	0.00033	80.00	20.00	0.00028
90.00	20.00	0.00024	100.00	20.00	0.00021
-100.00	30.00	0.00118	-90.00	30.00	0.00136
-80.00	30.00	0.00157	-70.00	30.00	0.00182
-60.00	30.00	0.00211	-50.00	30.00	0.00244
-40.00	30.00	0.00279	-30.00	30.00	0.00313
-25.00	30.00	0.00327	-20.00	30.00	0.00337
-17.00	30.00	0.00343	-15.00	30.00	0.00345
-13.00	30.00	0.00347	-11.00	30.00	0.00346
-9.00	30.00	0.00344	9.00	30.00	0.00193
11.00	30.00	0.00175	13.00	30.00	0.00159
15.00	30.00	0.00145	17.00	30.00	0.00134
20.00	30.00	0.00119	25.00	30.00	0.00099
30.00	30.00	0.00084	40.00	30.00	0.00064
50.00	30.00	0.00051	60.00	30.00	0.00042
70.00	30.00	0.00035	80.00	30.00	0.00029
90.00	30.00	0.00025	100.00	30.00	0.00021
-100.00	40.00	0.00118	-90.00	40.00	0.00136
-80.00	40.00	0.00159	-70.00	40.00	0.00186
-60.00	40.00	0.00218	-50.00	40.00	0.00257
-40.00	40.00	0.00301	-30.00	40.00	0.00349
-25.00	40.00	0.00374	-20.00	40.00	0.00399

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 54

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00414	-15.00	40.00	0.00423
-13.00	40.00	0.00432	-11.00	40.00	0.00442
-9.00	40.00	0.00450	9.00	40.00	0.00213
11.00	40.00	0.00191	13.00	40.00	0.00172
15.00	40.00	0.00157	17.00	40.00	0.00143
20.00	40.00	0.00127	25.00	40.00	0.00105
30.00	40.00	0.00090	40.00	40.00	0.00068
50.00	40.00	0.00054	60.00	40.00	0.00044
70.00	40.00	0.00037	80.00	40.00	0.00031
90.00	40.00	0.00026	100.00	40.00	0.00022
-100.00	50.00	0.00114	-90.00	50.00	0.00134
-80.00	50.00	0.00157	-70.00	50.00	0.00185
-60.00	50.00	0.00219	-50.00	50.00	0.00260
-40.00	50.00	0.00308	-30.00	50.00	0.00363
-25.00	50.00	0.00392	-20.00	50.00	0.00423
-17.00	50.00	0.00443	-15.00	50.00	0.00458
-13.00	50.00	0.00474	-11.00	50.00	0.00494
-9.00	50.00	0.00520	9.00	50.00	0.00250
11.00	50.00	0.00219	13.00	50.00	0.00195
15.00	50.00	0.00177	17.00	50.00	0.00161
20.00	50.00	0.00142	25.00	50.00	0.00117
30.00	50.00	0.00100	40.00	50.00	0.00076
50.00	50.00	0.00060	60.00	50.00	0.00049
70.00	50.00	0.00040	80.00	50.00	0.00033
90.00	50.00	0.00028	100.00	50.00	0.00024
-100.00	60.00	0.00109	-90.00	60.00	0.00128
-80.00	60.00	0.00151	-70.00	60.00	0.00180
-60.00	60.00	0.00214	-50.00	60.00	0.00256
-40.00	60.00	0.00305	-30.00	60.00	0.00362
-25.00	60.00	0.00393	-20.00	60.00	0.00427
-17.00	60.00	0.00451	-15.00	60.00	0.00468
-13.00	60.00	0.00488	-11.00	60.00	0.00515
-9.00	60.00	0.00555	9.00	60.00	0.00348
11.00	60.00	0.00294	13.00	60.00	0.00255
15.00	60.00	0.00224	17.00	60.00	0.00200
20.00	60.00	0.00171	25.00	60.00	0.00138
30.00	60.00	0.00116	40.00	60.00	0.00086
50.00	60.00	0.00067	60.00	60.00	0.00054
70.00	60.00	0.00044	80.00	60.00	0.00036
90.00	60.00	0.00030	100.00	60.00	0.00025

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:
PAGE 55

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00101	-90.00	70.00	0.00120	
-80.00	70.00	0.00142	-70.00	70.00	0.00170	
-60.00	70.00	0.00204	-50.00	70.00	0.00246	
-40.00	70.00	0.00295	-30.00	70.00	0.00354	
-25.00	70.00	0.00387	-20.00	70.00	0.00426	
-17.00	70.00	0.00455	-15.00	70.00	0.00479	
-13.00	70.00	0.00511	-11.00	70.00	0.00554	
-9.00	70.00	0.00618	9.00	70.00	0.00450	
11.00	70.00	0.00380	13.00	70.00	0.00327	
15.00	70.00	0.00286	17.00	70.00	0.00253	
20.00	70.00	0.00214	25.00	70.00	0.00168	
30.00	70.00	0.00137	40.00	70.00	0.00099	
50.00	70.00	0.00076	60.00	70.00	0.00059	
70.00	70.00	0.00048	80.00	70.00	0.00039	
90.00	70.00	0.00032	100.00	70.00	0.00027	
-100.00	80.00	0.00091	-90.00	80.00	0.00109	
-80.00	80.00	0.00130	-70.00	80.00	0.00157	
-60.00	80.00	0.00190	-50.00	80.00	0.00231	
-40.00	80.00	0.00280	-30.00	80.00	0.00340	
-25.00	80.00	0.00376	-20.00	80.00	0.00424	
-17.00	80.00	0.00463	-15.00	80.00	0.00498	
-13.00	80.00	0.00543	-11.00	80.00	0.00602	
-9.00	80.00	0.00682	9.00	80.00	0.00530	
11.00	80.00	0.00451	13.00	80.00	0.00390	
15.00	80.00	0.00342	17.00	80.00	0.00303	
20.00	80.00	0.00256	25.00	80.00	0.00201	
30.00	80.00	0.00163	40.00	80.00	0.00114	
50.00	80.00	0.00085	60.00	80.00	0.00065	
70.00	80.00	0.00052	80.00	80.00	0.00042	
90.00	80.00	0.00035	100.00	80.00	0.00030	
-100.00	90.00	0.00081	-90.00	90.00	0.00096	
-80.00	90.00	0.00116	-70.00	90.00	0.00141	
-60.00	90.00	0.00172	-50.00	90.00	0.00211	
-40.00	90.00	0.00259	-30.00	90.00	0.00320	
-25.00	90.00	0.00361	-20.00	90.00	0.00420	
-17.00	90.00	0.00470	-15.00	90.00	0.00514	

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	90.00	0.00568	-11.00	90.00	0.00637
-9.00	90.00	0.00727	9.00	90.00	0.00587
11.00	90.00	0.00504	13.00	90.00	0.00440
15.00	90.00	0.00388	17.00	90.00	0.00345

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 56

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00294	25.00	90.00	0.00232
30.00	90.00	0.00188	40.00	90.00	0.00131
50.00	90.00	0.00095	60.00	90.00	0.00072
70.00	90.00	0.00057	80.00	90.00	0.00046
90.00	90.00	0.00038	100.00	90.00	0.00032
-100.00	100.00	0.00071	-90.00	100.00	0.00084
-80.00	100.00	0.00100	-70.00	100.00	0.00121
-60.00	100.00	0.00149	-50.00	100.00	0.00185
-40.00	100.00	0.00231	-30.00	100.00	0.00295
-25.00	100.00	0.00342	-20.00	100.00	0.00410
-17.00	100.00	0.00468	-15.00	100.00	0.00517
-13.00	100.00	0.00577	-11.00	100.00	0.00652
-9.00	100.00	0.00747	9.00	100.00	0.00625
11.00	100.00	0.00541	13.00	100.00	0.00476
15.00	100.00	0.00423	17.00	100.00	0.00379
20.00	100.00	0.00325	25.00	100.00	0.00258
30.00	100.00	0.00210	40.00	100.00	0.00146
50.00	100.00	0.00106	60.00	100.00	0.00080
70.00	100.00	0.00062	80.00	100.00	0.00050
90.00	100.00	0.00041	100.00	100.00	0.00034
-100.00	110.00	0.00062	-90.00	110.00	0.00073
-80.00	110.00	0.00086	-70.00	110.00	0.00102
-60.00	110.00	0.00124	-50.00	110.00	0.00154
-40.00	110.00	0.00197	-30.00	110.00	0.00263
-25.00	110.00	0.00314	-20.00	110.00	0.00387
-17.00	110.00	0.00449	-15.00	110.00	0.00501
-13.00	110.00	0.00564	-11.00	110.00	0.00643
-9.00	110.00	0.00741	9.00	110.00	0.00647
11.00	110.00	0.00565	13.00	110.00	0.00501
15.00	110.00	0.00449	17.00	110.00	0.00405

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	110.00	0.00349	25.00	110.00	0.00279
30.00	110.00	0.00228	40.00	110.00	0.00159
50.00	110.00	0.00117	60.00	110.00	0.00088
70.00	110.00	0.00068	80.00	110.00	0.00054
90.00	110.00	0.00044	100.00	110.00	0.00037
-100.00	120.00	0.00055	-90.00	120.00	0.00063
-80.00	120.00	0.00074	-70.00	120.00	0.00087
-60.00	120.00	0.00104	-50.00	120.00	0.00126
-40.00	120.00	0.00161	-30.00	120.00	0.00222
-25.00	120.00	0.00274	-20.00	120.00	0.00350

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 57

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00413	-15.00	120.00	0.00465
-13.00	120.00	0.00529	-11.00	120.00	0.00607
-9.00	120.00	0.00705	9.00	120.00	0.00659
11.00	120.00	0.00580	13.00	120.00	0.00517
15.00	120.00	0.00466	17.00	120.00	0.00423
20.00	120.00	0.00367	25.00	120.00	0.00295
30.00	120.00	0.00243	40.00	120.00	0.00171
50.00	120.00	0.00126	60.00	120.00	0.00096
70.00	120.00	0.00074	80.00	120.00	0.00059
90.00	120.00	0.00048	100.00	120.00	0.00039
-100.00	130.00	0.00049	-90.00	130.00	0.00056
-80.00	130.00	0.00064	-70.00	130.00	0.00075
-60.00	130.00	0.00089	-50.00	130.00	0.00107
-40.00	130.00	0.00137	-30.00	130.00	0.00191
-25.00	130.00	0.00236	-20.00	130.00	0.00303
-17.00	130.00	0.00359	-15.00	130.00	0.00407
-13.00	130.00	0.00464	-11.00	130.00	0.00536
-9.00	130.00	0.00627	9.00	130.00	0.00665
11.00	130.00	0.00589	13.00	130.00	0.00527
15.00	130.00	0.00477	17.00	130.00	0.00434
20.00	130.00	0.00380	25.00	130.00	0.00308
30.00	130.00	0.00254	40.00	130.00	0.00181
50.00	130.00	0.00134	60.00	130.00	0.00102
70.00	130.00	0.00079	80.00	130.00	0.00063

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	130.00	0.00051	100.00	130.00	0.00042
-100.00	140.00	0.00044	-90.00	140.00	0.00050
-80.00	140.00	0.00057	-70.00	140.00	0.00066
-60.00	140.00	0.00078	-50.00	140.00	0.00096
-40.00	140.00	0.00125	-30.00	140.00	0.00179
-25.00	140.00	0.00223	-20.00	140.00	0.00288
-17.00	140.00	0.00341	-15.00	140.00	0.00384
-13.00	140.00	0.00435	-11.00	140.00	0.00497
-9.00	140.00	0.00573	9.00	140.00	0.00644
11.00	140.00	0.00578	13.00	140.00	0.00522
15.00	140.00	0.00474	17.00	140.00	0.00433
20.00	140.00	0.00381	25.00	140.00	0.00311
30.00	140.00	0.00258	40.00	140.00	0.00185
50.00	140.00	0.00138	60.00	140.00	0.00105
70.00	140.00	0.00083	80.00	140.00	0.00066
90.00	140.00	0.00053	100.00	140.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 58

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00040	-90.00	150.00	0.00045
-80.00	150.00	0.00051	-70.00	150.00	0.00060
-60.00	150.00	0.00072	-50.00	150.00	0.00089
-40.00	150.00	0.00120	-30.00	150.00	0.00176
-25.00	150.00	0.00221	-20.00	150.00	0.00285
-17.00	150.00	0.00337	-15.00	150.00	0.00379
-13.00	150.00	0.00428	-11.00	150.00	0.00484
-9.00	150.00	0.00546	9.00	150.00	0.00552
11.00	150.00	0.00511	13.00	150.00	0.00472
15.00	150.00	0.00437	17.00	150.00	0.00405
20.00	150.00	0.00361	25.00	150.00	0.00302
30.00	150.00	0.00254	40.00	150.00	0.00184
50.00	150.00	0.00138	60.00	150.00	0.00107
70.00	150.00	0.00084	80.00	150.00	0.00068
90.00	150.00	0.00055	100.00	150.00	0.00045
-100.00	160.00	0.00037	-90.00	160.00	0.00041
-80.00	160.00	0.00047	-70.00	160.00	0.00056
-60.00	160.00	0.00067	-50.00	160.00	0.00086

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	160.00	0.00117	-30.00	160.00	0.00174
-25.00	160.00	0.00219	-20.00	160.00	0.00281
-17.00	160.00	0.00329	-15.00	160.00	0.00364
-13.00	160.00	0.00402	-11.00	160.00	0.00441
-9.00	160.00	0.00479	9.00	160.00	0.00454
11.00	160.00	0.00429	13.00	160.00	0.00404
15.00	160.00	0.00380	17.00	160.00	0.00357
20.00	160.00	0.00326	25.00	160.00	0.00279
30.00	160.00	0.00240	40.00	160.00	0.00180
50.00	160.00	0.00137	60.00	160.00	0.00107
70.00	160.00	0.00085	80.00	160.00	0.00069
90.00	160.00	0.00056	100.00	160.00	0.00046
-100.00	170.00	0.00034	-90.00	170.00	0.00039
-80.00	170.00	0.00044	-70.00	170.00	0.00052
-60.00	170.00	0.00064	-50.00	170.00	0.00083
-40.00	170.00	0.00115	-30.00	170.00	0.00172
-25.00	170.00	0.00215	-20.00	170.00	0.00269
-17.00	170.00	0.00306	-15.00	170.00	0.00332
-13.00	170.00	0.00358	-11.00	170.00	0.00382
-9.00	170.00	0.00403	9.00	170.00	0.00372
11.00	170.00	0.00356	13.00	170.00	0.00341
15.00	170.00	0.00325	17.00	170.00	0.00309

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 59

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2

INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00286	25.00	170.00	0.00251
30.00	170.00	0.00220	40.00	170.00	0.00171
50.00	170.00	0.00133	60.00	170.00	0.00105
70.00	170.00	0.00085	80.00	170.00	0.00069
90.00	170.00	0.00057	100.00	170.00	0.00047
-100.00	180.00	0.00032	-90.00	180.00	0.00036
-80.00	180.00	0.00042	-70.00	180.00	0.00050
-60.00	180.00	0.00062	-50.00	180.00	0.00082
-40.00	180.00	0.00114	-30.00	180.00	0.00168
-25.00	180.00	0.00205	-20.00	180.00	0.00249
-17.00	180.00	0.00276	-15.00	180.00	0.00293
-13.00	180.00	0.00310	-11.00	180.00	0.00324

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	180.00	0.00336	9.00	180.00	0.00307
11.00	180.00	0.00297	13.00	180.00	0.00286
15.00	180.00	0.00276	17.00	180.00	0.00265
20.00	180.00	0.00249	25.00	180.00	0.00223
30.00	180.00	0.00199	40.00	180.00	0.00158
50.00	180.00	0.00127	60.00	180.00	0.00102
70.00	180.00	0.00083	80.00	180.00	0.00068
90.00	180.00	0.00057	100.00	180.00	0.00048
-100.00	190.00	0.00030	-90.00	190.00	0.00034
-80.00	190.00	0.00040	-70.00	190.00	0.00048
-60.00	190.00	0.00060	-50.00	190.00	0.00081
-40.00	190.00	0.00113	-30.00	190.00	0.00161
-25.00	190.00	0.00192	-20.00	190.00	0.00224
-17.00	190.00	0.00243	-15.00	190.00	0.00255
-13.00	190.00	0.00265	-11.00	190.00	0.00274
-9.00	190.00	0.00281	9.00	190.00	0.00257
11.00	190.00	0.00249	13.00	190.00	0.00242
15.00	190.00	0.00235	17.00	190.00	0.00227
20.00	190.00	0.00216	25.00	190.00	0.00197
30.00	190.00	0.00179	40.00	190.00	0.00145
50.00	190.00	0.00119	60.00	190.00	0.00098
70.00	190.00	0.00081	80.00	190.00	0.00067
90.00	190.00	0.00057	100.00	190.00	0.00048
-100.00	200.00	0.00028	-90.00	200.00	0.00032
-80.00	200.00	0.00038	-70.00	200.00	0.00047
-60.00	200.00	0.00060	-50.00	200.00	0.00080
-40.00	200.00	0.00110	-30.00	200.00	0.00152
-25.00	200.00	0.00176	-20.00	200.00	0.00200

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 60

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00213	-15.00	200.00	0.00221
-13.00	200.00	0.00228	-11.00	200.00	0.00233
-9.00	200.00	0.00237	9.00	200.00	0.00217
11.00	200.00	0.00212	13.00	200.00	0.00206
15.00	200.00	0.00201	17.00	200.00	0.00196
20.00	200.00	0.00187	25.00	200.00	0.00174

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	200.00	0.00160	40.00	200.00	0.00133
50.00	200.00	0.00110	60.00	200.00	0.00092
70.00	200.00	0.00077	80.00	200.00	0.00065
90.00	200.00	0.00056	100.00	200.00	0.00047
-100.00	210.00	0.00027	-90.00	210.00	0.00031
-80.00	210.00	0.00037	-70.00	210.00	0.00046
-60.00	210.00	0.00059	-50.00	210.00	0.00078
-40.00	210.00	0.00106	-30.00	210.00	0.00141
-25.00	210.00	0.00160	-20.00	210.00	0.00178
-17.00	210.00	0.00187	-15.00	210.00	0.00192
-13.00	210.00	0.00196	-11.00	210.00	0.00200
-9.00	210.00	0.00202	9.00	210.00	0.00186
11.00	210.00	0.00182	13.00	210.00	0.00178
15.00	210.00	0.00174	17.00	210.00	0.00170
20.00	210.00	0.00163	25.00	210.00	0.00153
30.00	210.00	0.00143	40.00	210.00	0.00122
50.00	210.00	0.00102	60.00	210.00	0.00086
70.00	210.00	0.00073	80.00	210.00	0.00063
90.00	210.00	0.00054	100.00	210.00	0.00047
-100.00	220.00	0.00026	-90.00	220.00	0.00030
-80.00	220.00	0.00036	-70.00	220.00	0.00045
-60.00	220.00	0.00058	-50.00	220.00	0.00077
-40.00	220.00	0.00101	-30.00	220.00	0.00130
-25.00	220.00	0.00145	-20.00	220.00	0.00158
-17.00	220.00	0.00164	-15.00	220.00	0.00168
-13.00	220.00	0.00171	-11.00	220.00	0.00173
-9.00	220.00	0.00174	9.00	220.00	0.00161
11.00	220.00	0.00158	13.00	220.00	0.00154
15.00	220.00	0.00151	17.00	220.00	0.00148
20.00	220.00	0.00143	25.00	220.00	0.00135
30.00	220.00	0.00127	40.00	220.00	0.00111
50.00	220.00	0.00095	60.00	220.00	0.00081
70.00	220.00	0.00069	80.00	220.00	0.00060
90.00	220.00	0.00052	100.00	220.00	0.00045

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 61

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 *** INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	230.00	0.00025	-90.00	230.00	0.00030
-80.00	230.00	0.00036	-70.00	230.00	0.00045
-60.00	230.00	0.00058	-50.00	230.00	0.00075
-40.00	230.00	0.00096	-30.00	230.00	0.00119
-25.00	230.00	0.00130	-20.00	230.00	0.00140
-17.00	230.00	0.00145	-15.00	230.00	0.00147
-13.00	230.00	0.00149	-11.00	230.00	0.00151
-9.00	230.00	0.00152	9.00	230.00	0.00140
11.00	230.00	0.00138	13.00	230.00	0.00135
15.00	230.00	0.00133	17.00	230.00	0.00130
20.00	230.00	0.00127	25.00	230.00	0.00120
30.00	230.00	0.00114	40.00	230.00	0.00101
50.00	230.00	0.00088	60.00	230.00	0.00076
70.00	230.00	0.00065	80.00	230.00	0.00057
90.00	230.00	0.00050	100.00	230.00	0.00044
-100.00	240.00	0.00025	-90.00	240.00	0.00029
-80.00	240.00	0.00036	-70.00	240.00	0.00044
-60.00	240.00	0.00057	-50.00	240.00	0.00072
-40.00	240.00	0.00090	-30.00	240.00	0.00109
-25.00	240.00	0.00118	-20.00	240.00	0.00125
-17.00	240.00	0.00128	-15.00	240.00	0.00130
-13.00	240.00	0.00131	-11.00	240.00	0.00132
-9.00	240.00	0.00133	9.00	240.00	0.00124
11.00	240.00	0.00122	13.00	240.00	0.00120
15.00	240.00	0.00118	17.00	240.00	0.00116
20.00	240.00	0.00112	25.00	240.00	0.00107
30.00	240.00	0.00102	40.00	240.00	0.00092
50.00	240.00	0.00081	60.00	240.00	0.00071
70.00	240.00	0.00062	80.00	240.00	0.00054
90.00	240.00	0.00047	100.00	240.00	0.00042
-100.00	250.00	0.00024	-90.00	250.00	0.00029
-80.00	250.00	0.00035	-70.00	250.00	0.00044
-60.00	250.00	0.00055	-50.00	250.00	0.00069
-40.00	250.00	0.00084	-30.00	250.00	0.00100
-25.00	250.00	0.00106	-20.00	250.00	0.00112
-17.00	250.00	0.00114	-15.00	250.00	0.00116
-13.00	250.00	0.00117	-11.00	250.00	0.00117
-9.00	250.00	0.00118	9.00	250.00	0.00110
11.00	250.00	0.00108	13.00	250.00	0.00106
15.00	250.00	0.00105	17.00	250.00	0.00103

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07
**MODELOPTs:
PAGE 62

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S2
 INCLUDING SOURCE(S): NCRA_S2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
20.00	250.00	0.00101	25.00	250.00	0.00096	
30.00	250.00	0.00092	40.00	250.00	0.00084	
50.00	250.00	0.00075	60.00	250.00	0.00066	
70.00	250.00	0.00058	80.00	250.00	0.00051	
90.00	250.00	0.00045	100.00	250.00	0.00040	

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 63
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	-250.00	0.00030	-90.00	-250.00	0.00030	
-80.00	-250.00	0.00030	-70.00	-250.00	0.00030	
-60.00	-250.00	0.00030	-50.00	-250.00	0.00030	
-40.00	-250.00	0.00029	-30.00	-250.00	0.00028	
-25.00	-250.00	0.00028	-20.00	-250.00	0.00027	
-17.00	-250.00	0.00027	-15.00	-250.00	0.00027	
-13.00	-250.00	0.00026	-11.00	-250.00	0.00026	
-9.00	-250.00	0.00026	9.00	-250.00	0.00023	
11.00	-250.00	0.00023	13.00	-250.00	0.00022	
15.00	-250.00	0.00022	17.00	-250.00	0.00022	
20.00	-250.00	0.00021	25.00	-250.00	0.00021	
30.00	-250.00	0.00020	40.00	-250.00	0.00018	
50.00	-250.00	0.00017	60.00	-250.00	0.00015	
70.00	-250.00	0.00013	80.00	-250.00	0.00012	
90.00	-250.00	0.00011	100.00	-250.00	0.00010	
-100.00	-240.00	0.00032	-90.00	-240.00	0.00032	
-80.00	-240.00	0.00032	-70.00	-240.00	0.00032	
-60.00	-240.00	0.00032	-50.00	-240.00	0.00032	
-40.00	-240.00	0.00031	-30.00	-240.00	0.00031	
-25.00	-240.00	0.00030	-20.00	-240.00	0.00030	
-17.00	-240.00	0.00029	-15.00	-240.00	0.00029	
-13.00	-240.00	0.00029	-11.00	-240.00	0.00028	
-9.00	-240.00	0.00028	9.00	-240.00	0.00025	

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	-240.00	0.00025	13.00	-240.00	0.00024
15.00	-240.00	0.00024	17.00	-240.00	0.00023
20.00	-240.00	0.00023	25.00	-240.00	0.00022
30.00	-240.00	0.00021	40.00	-240.00	0.00019
50.00	-240.00	0.00017	60.00	-240.00	0.00016
70.00	-240.00	0.00014	80.00	-240.00	0.00012
90.00	-240.00	0.00011	100.00	-240.00	0.00010
-100.00	-230.00	0.00034	-90.00	-230.00	0.00035
-80.00	-230.00	0.00035	-70.00	-230.00	0.00035
-60.00	-230.00	0.00035	-50.00	-230.00	0.00035
-40.00	-230.00	0.00034	-30.00	-230.00	0.00033
-25.00	-230.00	0.00033	-20.00	-230.00	0.00032
-17.00	-230.00	0.00032	-15.00	-230.00	0.00031
-13.00	-230.00	0.00031	-11.00	-230.00	0.00031
-9.00	-230.00	0.00030	9.00	-230.00	0.00027
11.00	-230.00	0.00026	13.00	-230.00	0.00026
15.00	-230.00	0.00026	17.00	-230.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 64

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00025	25.00	-230.00	0.00024
30.00	-230.00	0.00023	40.00	-230.00	0.00021
50.00	-230.00	0.00018	60.00	-230.00	0.00016
70.00	-230.00	0.00015	80.00	-230.00	0.00013
90.00	-230.00	0.00011	100.00	-230.00	0.00010
-100.00	-220.00	0.00037	-90.00	-220.00	0.00037
-80.00	-220.00	0.00038	-70.00	-220.00	0.00038
-60.00	-220.00	0.00038	-50.00	-220.00	0.00038
-40.00	-220.00	0.00037	-30.00	-220.00	0.00036
-25.00	-220.00	0.00036	-20.00	-220.00	0.00035
-17.00	-220.00	0.00035	-15.00	-220.00	0.00034
-13.00	-220.00	0.00034	-11.00	-220.00	0.00033
-9.00	-220.00	0.00033	9.00	-220.00	0.00029
11.00	-220.00	0.00029	13.00	-220.00	0.00028
15.00	-220.00	0.00028	17.00	-220.00	0.00027
20.00	-220.00	0.00027	25.00	-220.00	0.00025
30.00	-220.00	0.00024	40.00	-220.00	0.00022

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	-190.00	0.00049	-70.00	-190.00	0.00050
-60.00	-190.00	0.00050	-50.00	-190.00	0.00050
-40.00	-190.00	0.00049	-30.00	-190.00	0.00048
-25.00	-190.00	0.00048	-20.00	-190.00	0.00047
-17.00	-190.00	0.00046	-15.00	-190.00	0.00045
-13.00	-190.00	0.00045	-11.00	-190.00	0.00044
-9.00	-190.00	0.00044	9.00	-190.00	0.00038
11.00	-190.00	0.00037	13.00	-190.00	0.00036
15.00	-190.00	0.00036	17.00	-190.00	0.00035
20.00	-190.00	0.00034	25.00	-190.00	0.00032
30.00	-190.00	0.00030	40.00	-190.00	0.00027
50.00	-190.00	0.00023	60.00	-190.00	0.00020
70.00	-190.00	0.00017	80.00	-190.00	0.00015
90.00	-190.00	0.00013	100.00	-190.00	0.00012
-100.00	-180.00	0.00050	-90.00	-180.00	0.00052
-80.00	-180.00	0.00053	-70.00	-180.00	0.00055
-60.00	-180.00	0.00055	-50.00	-180.00	0.00055
-40.00	-180.00	0.00055	-30.00	-180.00	0.00054
-25.00	-180.00	0.00053	-20.00	-180.00	0.00052
-17.00	-180.00	0.00051	-15.00	-180.00	0.00051
-13.00	-180.00	0.00050	-11.00	-180.00	0.00049
-9.00	-180.00	0.00049	9.00	-180.00	0.00042
11.00	-180.00	0.00041	13.00	-180.00	0.00040
15.00	-180.00	0.00039	17.00	-180.00	0.00038
20.00	-180.00	0.00037	25.00	-180.00	0.00035
30.00	-180.00	0.00033	40.00	-180.00	0.00029
50.00	-180.00	0.00024	60.00	-180.00	0.00021
70.00	-180.00	0.00018	80.00	-180.00	0.00016
90.00	-180.00	0.00014	100.00	-180.00	0.00012

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 66
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00054	-90.00	-170.00	0.00056
-80.00	-170.00	0.00058	-70.00	-170.00	0.00060
-60.00	-170.00	0.00061	-50.00	-170.00	0.00062
-40.00	-170.00	0.00061	-30.00	-170.00	0.00060
-25.00	-170.00	0.00059	-20.00	-170.00	0.00058

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	-170.00	0.00057	-15.00	-170.00	0.00057
-13.00	-170.00	0.00056	-11.00	-170.00	0.00055
-9.00	-170.00	0.00054	9.00	-170.00	0.00046
11.00	-170.00	0.00045	13.00	-170.00	0.00044
15.00	-170.00	0.00043	17.00	-170.00	0.00042
20.00	-170.00	0.00041	25.00	-170.00	0.00038
30.00	-170.00	0.00036	40.00	-170.00	0.00031
50.00	-170.00	0.00026	60.00	-170.00	0.00022
70.00	-170.00	0.00019	80.00	-170.00	0.00016
90.00	-170.00	0.00014	100.00	-170.00	0.00013
-100.00	-160.00	0.00058	-90.00	-160.00	0.00061
-80.00	-160.00	0.00064	-70.00	-160.00	0.00066
-60.00	-160.00	0.00068	-50.00	-160.00	0.00069
-40.00	-160.00	0.00069	-30.00	-160.00	0.00068
-25.00	-160.00	0.00067	-20.00	-160.00	0.00065
-17.00	-160.00	0.00064	-15.00	-160.00	0.00064
-13.00	-160.00	0.00063	-11.00	-160.00	0.00062
-9.00	-160.00	0.00061	9.00	-160.00	0.00051
11.00	-160.00	0.00050	13.00	-160.00	0.00049
15.00	-160.00	0.00048	17.00	-160.00	0.00046
20.00	-160.00	0.00045	25.00	-160.00	0.00042
30.00	-160.00	0.00039	40.00	-160.00	0.00033
50.00	-160.00	0.00027	60.00	-160.00	0.00023
70.00	-160.00	0.00020	80.00	-160.00	0.00017
90.00	-160.00	0.00015	100.00	-160.00	0.00013
-100.00	-150.00	0.00063	-90.00	-150.00	0.00067
-80.00	-150.00	0.00070	-70.00	-150.00	0.00073
-60.00	-150.00	0.00076	-50.00	-150.00	0.00077
-40.00	-150.00	0.00077	-30.00	-150.00	0.00076
-25.00	-150.00	0.00075	-20.00	-150.00	0.00074
-17.00	-150.00	0.00073	-15.00	-150.00	0.00072
-13.00	-150.00	0.00071	-11.00	-150.00	0.00070
-9.00	-150.00	0.00069	9.00	-150.00	0.00057
11.00	-150.00	0.00056	13.00	-150.00	0.00054
15.00	-150.00	0.00053	17.00	-150.00	0.00052

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:57:07
 **MODELOPTs:
 PAGE 67
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

 INCLUDING SOURCE(S): NCRA_S3 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00049	25.00	-150.00	0.00046
30.00	-150.00	0.00042	40.00	-150.00	0.00035
50.00	-150.00	0.00029	60.00	-150.00	0.00024
70.00	-150.00	0.00021	80.00	-150.00	0.00018
90.00	-150.00	0.00016	100.00	-150.00	0.00014
-100.00	-140.00	0.00069	-90.00	-140.00	0.00073
-80.00	-140.00	0.00077	-70.00	-140.00	0.00081
-60.00	-140.00	0.00085	-50.00	-140.00	0.00087
-40.00	-140.00	0.00088	-30.00	-140.00	0.00087
-25.00	-140.00	0.00086	-20.00	-140.00	0.00085
-17.00	-140.00	0.00083	-15.00	-140.00	0.00082
-13.00	-140.00	0.00081	-11.00	-140.00	0.00080
-9.00	-140.00	0.00079	9.00	-140.00	0.00064
11.00	-140.00	0.00063	13.00	-140.00	0.00061
15.00	-140.00	0.00059	17.00	-140.00	0.00057
20.00	-140.00	0.00055	25.00	-140.00	0.00050
30.00	-140.00	0.00046	40.00	-140.00	0.00037
50.00	-140.00	0.00031	60.00	-140.00	0.00025
70.00	-140.00	0.00022	80.00	-140.00	0.00019
90.00	-140.00	0.00017	100.00	-140.00	0.00015
-100.00	-130.00	0.00075	-90.00	-130.00	0.00080
-80.00	-130.00	0.00085	-70.00	-130.00	0.00090
-60.00	-130.00	0.00095	-50.00	-130.00	0.00099
-40.00	-130.00	0.00101	-30.00	-130.00	0.00100
-25.00	-130.00	0.00099	-20.00	-130.00	0.00098
-17.00	-130.00	0.00096	-15.00	-130.00	0.00095
-13.00	-130.00	0.00094	-11.00	-130.00	0.00093
-9.00	-130.00	0.00091	9.00	-130.00	0.00073
11.00	-130.00	0.00071	13.00	-130.00	0.00069
15.00	-130.00	0.00066	17.00	-130.00	0.00064
20.00	-130.00	0.00061	25.00	-130.00	0.00055
30.00	-130.00	0.00050	40.00	-130.00	0.00040
50.00	-130.00	0.00032	60.00	-130.00	0.00027
70.00	-130.00	0.00023	80.00	-130.00	0.00020
90.00	-130.00	0.00018	100.00	-130.00	0.00016
-100.00	-120.00	0.00082	-90.00	-120.00	0.00088
-80.00	-120.00	0.00094	-70.00	-120.00	0.00101
-60.00	-120.00	0.00107	-50.00	-120.00	0.00112
-40.00	-120.00	0.00116	-30.00	-120.00	0.00116
-25.00	-120.00	0.00115	-20.00	-120.00	0.00114

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00112	-15.00	-120.00	0.00111
-13.00	-120.00	0.00110	-11.00	-120.00	0.00108
-9.00	-120.00	0.00106	9.00	-120.00	0.00083
11.00	-120.00	0.00081	13.00	-120.00	0.00078
15.00	-120.00	0.00075	17.00	-120.00	0.00072
20.00	-120.00	0.00068	25.00	-120.00	0.00061
30.00	-120.00	0.00054	40.00	-120.00	0.00043
50.00	-120.00	0.00034	60.00	-120.00	0.00028
70.00	-120.00	0.00024	80.00	-120.00	0.00021
90.00	-120.00	0.00019	100.00	-120.00	0.00017
-100.00	-110.00	0.00090	-90.00	-110.00	0.00097
-80.00	-110.00	0.00104	-70.00	-110.00	0.00112
-60.00	-110.00	0.00120	-50.00	-110.00	0.00128
-40.00	-110.00	0.00134	-30.00	-110.00	0.00136
-25.00	-110.00	0.00135	-20.00	-110.00	0.00134
-17.00	-110.00	0.00132	-15.00	-110.00	0.00131
-13.00	-110.00	0.00129	-11.00	-110.00	0.00127
-9.00	-110.00	0.00125	9.00	-110.00	0.00096
11.00	-110.00	0.00092	13.00	-110.00	0.00088
15.00	-110.00	0.00085	17.00	-110.00	0.00081
20.00	-110.00	0.00075	25.00	-110.00	0.00066
30.00	-110.00	0.00058	40.00	-110.00	0.00045
50.00	-110.00	0.00036	60.00	-110.00	0.00030
70.00	-110.00	0.00026	80.00	-110.00	0.00023
90.00	-110.00	0.00020	100.00	-110.00	0.00018
-100.00	-100.00	0.00098	-90.00	-100.00	0.00107
-80.00	-100.00	0.00116	-70.00	-100.00	0.00126
-60.00	-100.00	0.00136	-50.00	-100.00	0.00146
-40.00	-100.00	0.00155	-30.00	-100.00	0.00160
-25.00	-100.00	0.00160	-20.00	-100.00	0.00159
-17.00	-100.00	0.00157	-15.00	-100.00	0.00156
-13.00	-100.00	0.00154	-11.00	-100.00	0.00152
-9.00	-100.00	0.00149	9.00	-100.00	0.00111
11.00	-100.00	0.00106	13.00	-100.00	0.00101
15.00	-100.00	0.00096	17.00	-100.00	0.00091
20.00	-100.00	0.00084	25.00	-100.00	0.00073
30.00	-100.00	0.00063	40.00	-100.00	0.00049

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-100.00	0.00039	60.00	-100.00	0.00033
70.00	-100.00	0.00028	80.00	-100.00	0.00024
90.00	-100.00	0.00021	100.00	-100.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 69

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00106	-90.00	-90.00	0.00117
-80.00	-90.00	0.00129	-70.00	-90.00	0.00141
-60.00	-90.00	0.00154	-50.00	-90.00	0.00167
-40.00	-90.00	0.00180	-30.00	-90.00	0.00189
-25.00	-90.00	0.00191	-20.00	-90.00	0.00191
-17.00	-90.00	0.00189	-15.00	-90.00	0.00188
-13.00	-90.00	0.00186	-11.00	-90.00	0.00183
-9.00	-90.00	0.00180	9.00	-90.00	0.00128
11.00	-90.00	0.00122	13.00	-90.00	0.00115
15.00	-90.00	0.00108	17.00	-90.00	0.00102
20.00	-90.00	0.00092	25.00	-90.00	0.00079
30.00	-90.00	0.00068	40.00	-90.00	0.00052
50.00	-90.00	0.00042	60.00	-90.00	0.00035
70.00	-90.00	0.00030	80.00	-90.00	0.00026
90.00	-90.00	0.00022	100.00	-90.00	0.00019
-100.00	-80.00	0.00113	-90.00	-80.00	0.00126
-80.00	-80.00	0.00142	-70.00	-80.00	0.00158
-60.00	-80.00	0.00175	-50.00	-80.00	0.00192
-40.00	-80.00	0.00209	-30.00	-80.00	0.00223
-25.00	-80.00	0.00228	-20.00	-80.00	0.00230
-17.00	-80.00	0.00230	-15.00	-80.00	0.00229
-13.00	-80.00	0.00227	-11.00	-80.00	0.00224
-9.00	-80.00	0.00220	9.00	-80.00	0.00149
11.00	-80.00	0.00139	13.00	-80.00	0.00130
15.00	-80.00	0.00121	17.00	-80.00	0.00112
20.00	-80.00	0.00101	25.00	-80.00	0.00085
30.00	-80.00	0.00073	40.00	-80.00	0.00056
50.00	-80.00	0.00045	60.00	-80.00	0.00037
70.00	-80.00	0.00032	80.00	-80.00	0.00027
90.00	-80.00	0.00023	100.00	-80.00	0.00020
-100.00	-70.00	0.00117	-90.00	-70.00	0.00133

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	-70.00	0.00151	-70.00	-70.00	0.00172
-60.00	-70.00	0.00196	-50.00	-70.00	0.00220
-40.00	-70.00	0.00244	-30.00	-70.00	0.00264
-25.00	-70.00	0.00273	-20.00	-70.00	0.00279
-17.00	-70.00	0.00280	-15.00	-70.00	0.00280
-13.00	-70.00	0.00279	-11.00	-70.00	0.00277
-9.00	-70.00	0.00273	9.00	-70.00	0.00171
11.00	-70.00	0.00158	13.00	-70.00	0.00145
15.00	-70.00	0.00133	17.00	-70.00	0.00123

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 70

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00110	25.00	-70.00	0.00092
30.00	-70.00	0.00079	40.00	-70.00	0.00061
50.00	-70.00	0.00048	60.00	-70.00	0.00040
70.00	-70.00	0.00033	80.00	-70.00	0.00028
90.00	-70.00	0.00024	100.00	-70.00	0.00021
-100.00	-60.00	0.00118	-90.00	-60.00	0.00136
-80.00	-60.00	0.00157	-70.00	-60.00	0.00182
-60.00	-60.00	0.00211	-50.00	-60.00	0.00244
-40.00	-60.00	0.00279	-30.00	-60.00	0.00313
-25.00	-60.00	0.00327	-20.00	-60.00	0.00337
-17.00	-60.00	0.00343	-15.00	-60.00	0.00345
-13.00	-60.00	0.00347	-11.00	-60.00	0.00346
-9.00	-60.00	0.00344	9.00	-60.00	0.00193
11.00	-60.00	0.00175	13.00	-60.00	0.00159
15.00	-60.00	0.00145	17.00	-60.00	0.00134
20.00	-60.00	0.00119	25.00	-60.00	0.00099
30.00	-60.00	0.00084	40.00	-60.00	0.00064
50.00	-60.00	0.00051	60.00	-60.00	0.00042
70.00	-60.00	0.00035	80.00	-60.00	0.00029
90.00	-60.00	0.00025	100.00	-60.00	0.00021
-100.00	-50.00	0.00118	-90.00	-50.00	0.00136
-80.00	-50.00	0.00159	-70.00	-50.00	0.00186
-60.00	-50.00	0.00218	-50.00	-50.00	0.00257
-40.00	-50.00	0.00301	-30.00	-50.00	0.00349
-25.00	-50.00	0.00374	-20.00	-50.00	0.00399

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	-50.00	0.00414	-15.00	-50.00	0.00423
-13.00	-50.00	0.00432	-11.00	-50.00	0.00442
-9.00	-50.00	0.00450	9.00	-50.00	0.00213
11.00	-50.00	0.00191	13.00	-50.00	0.00172
15.00	-50.00	0.00157	17.00	-50.00	0.00143
20.00	-50.00	0.00127	25.00	-50.00	0.00105
30.00	-50.00	0.00090	40.00	-50.00	0.00068
50.00	-50.00	0.00054	60.00	-50.00	0.00044
70.00	-50.00	0.00037	80.00	-50.00	0.00031
90.00	-50.00	0.00026	100.00	-50.00	0.00022
-100.00	-40.00	0.00114	-90.00	-40.00	0.00134
-80.00	-40.00	0.00157	-70.00	-40.00	0.00185
-60.00	-40.00	0.00219	-50.00	-40.00	0.00260
-40.00	-40.00	0.00308	-30.00	-40.00	0.00363
-25.00	-40.00	0.00392	-20.00	-40.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 71

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00443	-15.00	-40.00	0.00458
-13.00	-40.00	0.00474	-11.00	-40.00	0.00494
-9.00	-40.00	0.00520	9.00	-40.00	0.00250
11.00	-40.00	0.00219	13.00	-40.00	0.00195
15.00	-40.00	0.00177	17.00	-40.00	0.00161
20.00	-40.00	0.00142	25.00	-40.00	0.00117
30.00	-40.00	0.00100	40.00	-40.00	0.00076
50.00	-40.00	0.00060	60.00	-40.00	0.00049
70.00	-40.00	0.00040	80.00	-40.00	0.00033
90.00	-40.00	0.00028	100.00	-40.00	0.00024
-100.00	-30.00	0.00109	-90.00	-30.00	0.00128
-80.00	-30.00	0.00151	-70.00	-30.00	0.00180
-60.00	-30.00	0.00214	-50.00	-30.00	0.00256
-40.00	-30.00	0.00305	-30.00	-30.00	0.00362
-25.00	-30.00	0.00393	-20.00	-30.00	0.00427
-17.00	-30.00	0.00451	-15.00	-30.00	0.00468
-13.00	-30.00	0.00488	-11.00	-30.00	0.00515
-9.00	-30.00	0.00555	9.00	-30.00	0.00348
11.00	-30.00	0.00294	13.00	-30.00	0.00255

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	-30.00	0.00224	17.00	-30.00	0.00200
20.00	-30.00	0.00171	25.00	-30.00	0.00138
30.00	-30.00	0.00116	40.00	-30.00	0.00086
50.00	-30.00	0.00067	60.00	-30.00	0.00054
70.00	-30.00	0.00044	80.00	-30.00	0.00036
90.00	-30.00	0.00030	100.00	-30.00	0.00025
-100.00	-20.00	0.00101	-90.00	-20.00	0.00120
-80.00	-20.00	0.00142	-70.00	-20.00	0.00170
-60.00	-20.00	0.00204	-50.00	-20.00	0.00246
-40.00	-20.00	0.00295	-30.00	-20.00	0.00354
-25.00	-20.00	0.00387	-20.00	-20.00	0.00426
-17.00	-20.00	0.00455	-15.00	-20.00	0.00479
-13.00	-20.00	0.00511	-11.00	-20.00	0.00554
-9.00	-20.00	0.00618	9.00	-20.00	0.00450
11.00	-20.00	0.00380	13.00	-20.00	0.00327
15.00	-20.00	0.00286	17.00	-20.00	0.00253
20.00	-20.00	0.00214	25.00	-20.00	0.00168
30.00	-20.00	0.00137	40.00	-20.00	0.00099
50.00	-20.00	0.00076	60.00	-20.00	0.00059
70.00	-20.00	0.00048	80.00	-20.00	0.00039
90.00	-20.00	0.00032	100.00	-20.00	0.00027

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 72
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00091	-90.00	-10.00	0.00109
-80.00	-10.00	0.00130	-70.00	-10.00	0.00157
-60.00	-10.00	0.00190	-50.00	-10.00	0.00231
-40.00	-10.00	0.00280	-30.00	-10.00	0.00340
-25.00	-10.00	0.00376	-20.00	-10.00	0.00424
-17.00	-10.00	0.00463	-15.00	-10.00	0.00498
-13.00	-10.00	0.00543	-11.00	-10.00	0.00602
-9.00	-10.00	0.00682	9.00	-10.00	0.00530
11.00	-10.00	0.00451	13.00	-10.00	0.00390
15.00	-10.00	0.00342	17.00	-10.00	0.00303
20.00	-10.00	0.00256	25.00	-10.00	0.00201
30.00	-10.00	0.00163	40.00	-10.00	0.00114
50.00	-10.00	0.00085	60.00	-10.00	0.00065

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	-10.00	0.00052	80.00	-10.00	0.00042
90.00	-10.00	0.00035	100.00	-10.00	0.00030
-100.00	0.00	0.00081	-90.00	0.00	0.00096
-80.00	0.00	0.00116	-70.00	0.00	0.00141
-60.00	0.00	0.00172	-50.00	0.00	0.00211
-40.00	0.00	0.00259	-30.00	0.00	0.00320
-25.00	0.00	0.00361	-20.00	0.00	0.00420
-17.00	0.00	0.00470	-15.00	0.00	0.00514
-13.00	0.00	0.00568	-11.00	0.00	0.00637
-9.00	0.00	0.00727	9.00	0.00	0.00587
11.00	0.00	0.00504	13.00	0.00	0.00440
15.00	0.00	0.00388	17.00	0.00	0.00345
20.00	0.00	0.00294	25.00	0.00	0.00232
30.00	0.00	0.00188	40.00	0.00	0.00131
50.00	0.00	0.00095	60.00	0.00	0.00072
70.00	0.00	0.00057	80.00	0.00	0.00046
90.00	0.00	0.00038	100.00	0.00	0.00032
-100.00	10.00	0.00071	-90.00	10.00	0.00084
-80.00	10.00	0.00100	-70.00	10.00	0.00121
-60.00	10.00	0.00149	-50.00	10.00	0.00185
-40.00	10.00	0.00231	-30.00	10.00	0.00295
-25.00	10.00	0.00342	-20.00	10.00	0.00410
-17.00	10.00	0.00468	-15.00	10.00	0.00517
-13.00	10.00	0.00577	-11.00	10.00	0.00652
-9.00	10.00	0.00747	9.00	10.00	0.00625
11.00	10.00	0.00541	13.00	10.00	0.00476
15.00	10.00	0.00423	17.00	10.00	0.00379

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 73

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00325	25.00	10.00	0.00258
30.00	10.00	0.00210	40.00	10.00	0.00146
50.00	10.00	0.00106	60.00	10.00	0.00080
70.00	10.00	0.00062	80.00	10.00	0.00050
90.00	10.00	0.00041	100.00	10.00	0.00034
-100.00	20.00	0.00062	-90.00	20.00	0.00073
-80.00	20.00	0.00086	-70.00	20.00	0.00102

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	20.00	0.00124	-50.00	20.00	0.00154
-40.00	20.00	0.00197	-30.00	20.00	0.00263
-25.00	20.00	0.00314	-20.00	20.00	0.00387
-17.00	20.00	0.00449	-15.00	20.00	0.00501
-13.00	20.00	0.00564	-11.00	20.00	0.00643
-9.00	20.00	0.00741	9.00	20.00	0.00647
11.00	20.00	0.00565	13.00	20.00	0.00501
15.00	20.00	0.00449	17.00	20.00	0.00405
20.00	20.00	0.00349	25.00	20.00	0.00279
30.00	20.00	0.00228	40.00	20.00	0.00159
50.00	20.00	0.00117	60.00	20.00	0.00088
70.00	20.00	0.00068	80.00	20.00	0.00054
90.00	20.00	0.00044	100.00	20.00	0.00037
-100.00	30.00	0.00055	-90.00	30.00	0.00063
-80.00	30.00	0.00074	-70.00	30.00	0.00087
-60.00	30.00	0.00104	-50.00	30.00	0.00126
-40.00	30.00	0.00161	-30.00	30.00	0.00222
-25.00	30.00	0.00274	-20.00	30.00	0.00350
-17.00	30.00	0.00413	-15.00	30.00	0.00465
-13.00	30.00	0.00529	-11.00	30.00	0.00607
-9.00	30.00	0.00705	9.00	30.00	0.00659
11.00	30.00	0.00580	13.00	30.00	0.00517
15.00	30.00	0.00466	17.00	30.00	0.00423
20.00	30.00	0.00367	25.00	30.00	0.00295
30.00	30.00	0.00243	40.00	30.00	0.00171
50.00	30.00	0.00126	60.00	30.00	0.00096
70.00	30.00	0.00074	80.00	30.00	0.00059
90.00	30.00	0.00048	100.00	30.00	0.00039
-100.00	40.00	0.00049	-90.00	40.00	0.00056
-80.00	40.00	0.00064	-70.00	40.00	0.00075
-60.00	40.00	0.00089	-50.00	40.00	0.00107
-40.00	40.00	0.00137	-30.00	40.00	0.00191
-25.00	40.00	0.00236	-20.00	40.00	0.00303

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 74
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00359	-15.00	40.00	0.00407

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	40.00	0.00464	-11.00	40.00	0.00536
-9.00	40.00	0.00627	9.00	40.00	0.00665
11.00	40.00	0.00589	13.00	40.00	0.00527
15.00	40.00	0.00477	17.00	40.00	0.00434
20.00	40.00	0.00380	25.00	40.00	0.00308
30.00	40.00	0.00254	40.00	40.00	0.00181
50.00	40.00	0.00134	60.00	40.00	0.00102
70.00	40.00	0.00079	80.00	40.00	0.00063
90.00	40.00	0.00051	100.00	40.00	0.00042
-100.00	50.00	0.00044	-90.00	50.00	0.00050
-80.00	50.00	0.00057	-70.00	50.00	0.00066
-60.00	50.00	0.00078	-50.00	50.00	0.00096
-40.00	50.00	0.00125	-30.00	50.00	0.00179
-25.00	50.00	0.00223	-20.00	50.00	0.00288
-17.00	50.00	0.00341	-15.00	50.00	0.00384
-13.00	50.00	0.00435	-11.00	50.00	0.00497
-9.00	50.00	0.00573	9.00	50.00	0.00644
11.00	50.00	0.00578	13.00	50.00	0.00522
15.00	50.00	0.00474	17.00	50.00	0.00433
20.00	50.00	0.00381	25.00	50.00	0.00311
30.00	50.00	0.00258	40.00	50.00	0.00185
50.00	50.00	0.00138	60.00	50.00	0.00105
70.00	50.00	0.00083	80.00	50.00	0.00066
90.00	50.00	0.00053	100.00	50.00	0.00044
-100.00	60.00	0.00040	-90.00	60.00	0.00045
-80.00	60.00	0.00051	-70.00	60.00	0.00060
-60.00	60.00	0.00072	-50.00	60.00	0.00089
-40.00	60.00	0.00120	-30.00	60.00	0.00176
-25.00	60.00	0.00221	-20.00	60.00	0.00285
-17.00	60.00	0.00337	-15.00	60.00	0.00379
-13.00	60.00	0.00428	-11.00	60.00	0.00484
-9.00	60.00	0.00546	9.00	60.00	0.00552
11.00	60.00	0.00511	13.00	60.00	0.00472
15.00	60.00	0.00437	17.00	60.00	0.00405
20.00	60.00	0.00361	25.00	60.00	0.00302
30.00	60.00	0.00254	40.00	60.00	0.00184
50.00	60.00	0.00138	60.00	60.00	0.00107
70.00	60.00	0.00084	80.00	60.00	0.00068
90.00	60.00	0.00055	100.00	60.00	0.00045

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 75

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-100.00	70.00	0.00037	-90.00	70.00	0.00041	
-80.00	70.00	0.00047	-70.00	70.00	0.00056	
-60.00	70.00	0.00067	-50.00	70.00	0.00086	
-40.00	70.00	0.00117	-30.00	70.00	0.00174	
-25.00	70.00	0.00219	-20.00	70.00	0.00281	
-17.00	70.00	0.00329	-15.00	70.00	0.00364	
-13.00	70.00	0.00402	-11.00	70.00	0.00441	
-9.00	70.00	0.00479	9.00	70.00	0.00454	
11.00	70.00	0.00429	13.00	70.00	0.00404	
15.00	70.00	0.00380	17.00	70.00	0.00357	
20.00	70.00	0.00326	25.00	70.00	0.00279	
30.00	70.00	0.00240	40.00	70.00	0.00180	
50.00	70.00	0.00137	60.00	70.00	0.00107	
70.00	70.00	0.00085	80.00	70.00	0.00069	
90.00	70.00	0.00056	100.00	70.00	0.00046	
-100.00	80.00	0.00034	-90.00	80.00	0.00039	
-80.00	80.00	0.00044	-70.00	80.00	0.00052	
-60.00	80.00	0.00064	-50.00	80.00	0.00083	
-40.00	80.00	0.00115	-30.00	80.00	0.00172	
-25.00	80.00	0.00215	-20.00	80.00	0.00269	
-17.00	80.00	0.00306	-15.00	80.00	0.00332	
-13.00	80.00	0.00358	-11.00	80.00	0.00382	
-9.00	80.00	0.00403	9.00	80.00	0.00372	
11.00	80.00	0.00356	13.00	80.00	0.00341	
15.00	80.00	0.00325	17.00	80.00	0.00309	
20.00	80.00	0.00286	25.00	80.00	0.00251	
30.00	80.00	0.00220	40.00	80.00	0.00171	
50.00	80.00	0.00133	60.00	80.00	0.00105	
70.00	80.00	0.00085	80.00	80.00	0.00069	
90.00	80.00	0.00057	100.00	80.00	0.00047	
-100.00	90.00	0.00032	-90.00	90.00	0.00036	
-80.00	90.00	0.00042	-70.00	90.00	0.00050	
-60.00	90.00	0.00062	-50.00	90.00	0.00082	
-40.00	90.00	0.00114	-30.00	90.00	0.00168	
-25.00	90.00	0.00205	-20.00	90.00	0.00249	
-17.00	90.00	0.00276	-15.00	90.00	0.00293	
-13.00	90.00	0.00310	-11.00	90.00	0.00324	
-9.00	90.00	0.00336	9.00	90.00	0.00307	
11.00	90.00	0.00297	13.00	90.00	0.00286	

15.00 90.00 0.00276 17.00 90.00 0.00265

1 *** ISCST3 - VERSION 02035 *** 04/20/08 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 76

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00249	25.00	90.00	0.00223
30.00	90.00	0.00199	40.00	90.00	0.00158
50.00	90.00	0.00127	60.00	90.00	0.00102
70.00	90.00	0.00083	80.00	90.00	0.00068
90.00	90.00	0.00057	100.00	90.00	0.00048
-100.00	100.00	0.00030	-90.00	100.00	0.00034
-80.00	100.00	0.00040	-70.00	100.00	0.00048
-60.00	100.00	0.00060	-50.00	100.00	0.00081
-40.00	100.00	0.00113	-30.00	100.00	0.00161
-25.00	100.00	0.00192	-20.00	100.00	0.00224
-17.00	100.00	0.00243	-15.00	100.00	0.00255
-13.00	100.00	0.00265	-11.00	100.00	0.00274
-9.00	100.00	0.00281	9.00	100.00	0.00257
11.00	100.00	0.00249	13.00	100.00	0.00242
15.00	100.00	0.00235	17.00	100.00	0.00227
20.00	100.00	0.00216	25.00	100.00	0.00197
30.00	100.00	0.00179	40.00	100.00	0.00145
50.00	100.00	0.00119	60.00	100.00	0.00098
70.00	100.00	0.00081	80.00	100.00	0.00067
90.00	100.00	0.00057	100.00	100.00	0.00048
-100.00	110.00	0.00028	-90.00	110.00	0.00032
-80.00	110.00	0.00038	-70.00	110.00	0.00047
-60.00	110.00	0.00060	-50.00	110.00	0.00080
-40.00	110.00	0.00110	-30.00	110.00	0.00152
-25.00	110.00	0.00176	-20.00	110.00	0.00200
-17.00	110.00	0.00213	-15.00	110.00	0.00221
-13.00	110.00	0.00228	-11.00	110.00	0.00233
-9.00	110.00	0.00237	9.00	110.00	0.00217
11.00	110.00	0.00212	13.00	110.00	0.00206
15.00	110.00	0.00201	17.00	110.00	0.00196
20.00	110.00	0.00187	25.00	110.00	0.00174
30.00	110.00	0.00160	40.00	110.00	0.00133
50.00	110.00	0.00110	60.00	110.00	0.00092

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	110.00	0.00077	80.00	110.00	0.00065
90.00	110.00	0.00056	100.00	110.00	0.00047
-100.00	120.00	0.00027	-90.00	120.00	0.00031
-80.00	120.00	0.00037	-70.00	120.00	0.00046
-60.00	120.00	0.00059	-50.00	120.00	0.00078
-40.00	120.00	0.00106	-30.00	120.00	0.00141
-25.00	120.00	0.00160	-20.00	120.00	0.00178

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 77

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3

INCLUDING SOURCE(S) : NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00187	-15.00	120.00	0.00192
-13.00	120.00	0.00196	-11.00	120.00	0.00200
-9.00	120.00	0.00202	9.00	120.00	0.00186
11.00	120.00	0.00182	13.00	120.00	0.00178
15.00	120.00	0.00174	17.00	120.00	0.00170
20.00	120.00	0.00163	25.00	120.00	0.00153
30.00	120.00	0.00143	40.00	120.00	0.00122
50.00	120.00	0.00102	60.00	120.00	0.00086
70.00	120.00	0.00073	80.00	120.00	0.00063
90.00	120.00	0.00054	100.00	120.00	0.00047
-100.00	130.00	0.00026	-90.00	130.00	0.00030
-80.00	130.00	0.00036	-70.00	130.00	0.00045
-60.00	130.00	0.00058	-50.00	130.00	0.00077
-40.00	130.00	0.00101	-30.00	130.00	0.00130
-25.00	130.00	0.00145	-20.00	130.00	0.00158
-17.00	130.00	0.00164	-15.00	130.00	0.00168
-13.00	130.00	0.00171	-11.00	130.00	0.00173
-9.00	130.00	0.00174	9.00	130.00	0.00161
11.00	130.00	0.00158	13.00	130.00	0.00154
15.00	130.00	0.00151	17.00	130.00	0.00148
20.00	130.00	0.00143	25.00	130.00	0.00135
30.00	130.00	0.00127	40.00	130.00	0.00111
50.00	130.00	0.00095	60.00	130.00	0.00081
70.00	130.00	0.00069	80.00	130.00	0.00060
90.00	130.00	0.00052	100.00	130.00	0.00045
-100.00	140.00	0.00025	-90.00	140.00	0.00030
-80.00	140.00	0.00036	-70.00	140.00	0.00045

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	140.00	0.00058	-50.00	140.00	0.00075
-40.00	140.00	0.00096	-30.00	140.00	0.00119
-25.00	140.00	0.00130	-20.00	140.00	0.00140
-17.00	140.00	0.00145	-15.00	140.00	0.00147
-13.00	140.00	0.00149	-11.00	140.00	0.00151
-9.00	140.00	0.00152	9.00	140.00	0.00140
11.00	140.00	0.00138	13.00	140.00	0.00135
15.00	140.00	0.00133	17.00	140.00	0.00130
20.00	140.00	0.00127	25.00	140.00	0.00120
30.00	140.00	0.00114	40.00	140.00	0.00101
50.00	140.00	0.00088	60.00	140.00	0.00076
70.00	140.00	0.00065	80.00	140.00	0.00057
90.00	140.00	0.00050	100.00	140.00	0.00044

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 78

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00025	-90.00	150.00	0.00029
-80.00	150.00	0.00036	-70.00	150.00	0.00044
-60.00	150.00	0.00057	-50.00	150.00	0.00072
-40.00	150.00	0.00090	-30.00	150.00	0.00109
-25.00	150.00	0.00118	-20.00	150.00	0.00125
-17.00	150.00	0.00128	-15.00	150.00	0.00130
-13.00	150.00	0.00131	-11.00	150.00	0.00132
-9.00	150.00	0.00133	9.00	150.00	0.00124
11.00	150.00	0.00122	13.00	150.00	0.00120
15.00	150.00	0.00118	17.00	150.00	0.00116
20.00	150.00	0.00112	25.00	150.00	0.00107
30.00	150.00	0.00102	40.00	150.00	0.00092
50.00	150.00	0.00081	60.00	150.00	0.00071
70.00	150.00	0.00062	80.00	150.00	0.00054
90.00	150.00	0.00047	100.00	150.00	0.00042
-100.00	160.00	0.00024	-90.00	160.00	0.00029
-80.00	160.00	0.00035	-70.00	160.00	0.00044
-60.00	160.00	0.00055	-50.00	160.00	0.00069
-40.00	160.00	0.00084	-30.00	160.00	0.00100
-25.00	160.00	0.00106	-20.00	160.00	0.00112
-17.00	160.00	0.00114	-15.00	160.00	0.00116

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	160.00	0.00117	-11.00	160.00	0.00117
-9.00	160.00	0.00118	9.00	160.00	0.00110
11.00	160.00	0.00108	13.00	160.00	0.00106
15.00	160.00	0.00105	17.00	160.00	0.00103
20.00	160.00	0.00101	25.00	160.00	0.00096
30.00	160.00	0.00092	40.00	160.00	0.00084
50.00	160.00	0.00075	60.00	160.00	0.00066
70.00	160.00	0.00058	80.00	160.00	0.00051
90.00	160.00	0.00045	100.00	160.00	0.00040
-100.00	170.00	0.00024	-90.00	170.00	0.00029
-80.00	170.00	0.00035	-70.00	170.00	0.00043
-60.00	170.00	0.00054	-50.00	170.00	0.00066
-40.00	170.00	0.00079	-30.00	170.00	0.00091
-25.00	170.00	0.00097	-20.00	170.00	0.00101
-17.00	170.00	0.00102	-15.00	170.00	0.00103
-13.00	170.00	0.00104	-11.00	170.00	0.00104
-9.00	170.00	0.00105	9.00	170.00	0.00098
11.00	170.00	0.00097	13.00	170.00	0.00095
15.00	170.00	0.00094	17.00	170.00	0.00093

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 79

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00090	25.00	170.00	0.00087
30.00	170.00	0.00084	40.00	170.00	0.00077
50.00	170.00	0.00069	60.00	170.00	0.00062
70.00	170.00	0.00055	80.00	170.00	0.00049
90.00	170.00	0.00043	100.00	170.00	0.00039
-100.00	180.00	0.00024	-90.00	180.00	0.00028
-80.00	180.00	0.00035	-70.00	180.00	0.00042
-60.00	180.00	0.00052	-50.00	180.00	0.00062
-40.00	180.00	0.00074	-30.00	180.00	0.00084
-25.00	180.00	0.00088	-20.00	180.00	0.00091
-17.00	180.00	0.00092	-15.00	180.00	0.00093
-13.00	180.00	0.00093	-11.00	180.00	0.00094
-9.00	180.00	0.00094	9.00	180.00	0.00088
11.00	180.00	0.00087	13.00	180.00	0.00086
15.00	180.00	0.00085	17.00	180.00	0.00084

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	180.00	0.00082	25.00	180.00	0.00079
30.00	180.00	0.00076	40.00	180.00	0.00070
50.00	180.00	0.00064	60.00	180.00	0.00058
70.00	180.00	0.00052	80.00	180.00	0.00046
90.00	180.00	0.00041	100.00	180.00	0.00037
-100.00	190.00	0.00024	-90.00	190.00	0.00028
-80.00	190.00	0.00034	-70.00	190.00	0.00041
-60.00	190.00	0.00050	-50.00	190.00	0.00059
-40.00	190.00	0.00069	-30.00	190.00	0.00077
-25.00	190.00	0.00080	-20.00	190.00	0.00082
-17.00	190.00	0.00083	-15.00	190.00	0.00084
-13.00	190.00	0.00084	-11.00	190.00	0.00085
-9.00	190.00	0.00085	9.00	190.00	0.00080
11.00	190.00	0.00079	13.00	190.00	0.00078
15.00	190.00	0.00077	17.00	190.00	0.00076
20.00	190.00	0.00074	25.00	190.00	0.00072
30.00	190.00	0.00069	40.00	190.00	0.00064
50.00	190.00	0.00059	60.00	190.00	0.00054
70.00	190.00	0.00049	80.00	190.00	0.00044
90.00	190.00	0.00039	100.00	190.00	0.00035
-100.00	200.00	0.00023	-90.00	200.00	0.00028
-80.00	200.00	0.00034	-70.00	200.00	0.00040
-60.00	200.00	0.00048	-50.00	200.00	0.00056
-40.00	200.00	0.00064	-30.00	200.00	0.00071
-25.00	200.00	0.00073	-20.00	200.00	0.00075

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 80

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00076	-15.00	200.00	0.00076
-13.00	200.00	0.00077	-11.00	200.00	0.00077
-9.00	200.00	0.00077	9.00	200.00	0.00072
11.00	200.00	0.00072	13.00	200.00	0.00071
15.00	200.00	0.00070	17.00	200.00	0.00069
20.00	200.00	0.00068	25.00	200.00	0.00066
30.00	200.00	0.00064	40.00	200.00	0.00059
50.00	200.00	0.00055	60.00	200.00	0.00051
70.00	200.00	0.00046	80.00	200.00	0.00042

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	200.00	0.00038	100.00	200.00	0.00034
-100.00	210.00	0.00023	-90.00	210.00	0.00028
-80.00	210.00	0.00033	-70.00	210.00	0.00039
-60.00	210.00	0.00046	-50.00	210.00	0.00053
-40.00	210.00	0.00060	-30.00	210.00	0.00065
-25.00	210.00	0.00067	-20.00	210.00	0.00069
-17.00	210.00	0.00069	-15.00	210.00	0.00070
-13.00	210.00	0.00070	-11.00	210.00	0.00070
-9.00	210.00	0.00070	9.00	210.00	0.00066
11.00	210.00	0.00065	13.00	210.00	0.00065
15.00	210.00	0.00064	17.00	210.00	0.00063
20.00	210.00	0.00062	25.00	210.00	0.00060
30.00	210.00	0.00058	40.00	210.00	0.00055
50.00	210.00	0.00051	60.00	210.00	0.00047
70.00	210.00	0.00044	80.00	210.00	0.00040
90.00	210.00	0.00036	100.00	210.00	0.00033
-100.00	220.00	0.00023	-90.00	220.00	0.00027
-80.00	220.00	0.00032	-70.00	220.00	0.00038
-60.00	220.00	0.00044	-50.00	220.00	0.00050
-40.00	220.00	0.00056	-30.00	220.00	0.00060
-25.00	220.00	0.00062	-20.00	220.00	0.00063
-17.00	220.00	0.00064	-15.00	220.00	0.00064
-13.00	220.00	0.00064	-11.00	220.00	0.00064
-9.00	220.00	0.00064	9.00	220.00	0.00061
11.00	220.00	0.00060	13.00	220.00	0.00059
15.00	220.00	0.00059	17.00	220.00	0.00058
20.00	220.00	0.00057	25.00	220.00	0.00055
30.00	220.00	0.00054	40.00	220.00	0.00051
50.00	220.00	0.00048	60.00	220.00	0.00044
70.00	220.00	0.00041	80.00	220.00	0.00038
90.00	220.00	0.00034	100.00	220.00	0.00031

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 81

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 *** INCLUDING SOURCE(S): NCRA_S3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00023	-90.00	230.00	0.00027
-80.00	230.00	0.00031	-70.00	230.00	0.00036
-60.00	230.00	0.00042	-50.00	230.00	0.00047

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	230.00	0.00052	-30.00	230.00	0.00056
-25.00	230.00	0.00057	-20.00	230.00	0.00058
-17.00	230.00	0.00058	-15.00	230.00	0.00059
-13.00	230.00	0.00059	-11.00	230.00	0.00059
-9.00	230.00	0.00059	9.00	230.00	0.00056
11.00	230.00	0.00055	13.00	230.00	0.00055
15.00	230.00	0.00054	17.00	230.00	0.00054
20.00	230.00	0.00053	25.00	230.00	0.00051
30.00	230.00	0.00050	40.00	230.00	0.00047
50.00	230.00	0.00044	60.00	230.00	0.00042
70.00	230.00	0.00039	80.00	230.00	0.00036
90.00	230.00	0.00033	100.00	230.00	0.00030
-100.00	240.00	0.00023	-90.00	240.00	0.00026
-80.00	240.00	0.00030	-70.00	240.00	0.00035
-60.00	240.00	0.00040	-50.00	240.00	0.00045
-40.00	240.00	0.00049	-30.00	240.00	0.00052
-25.00	240.00	0.00053	-20.00	240.00	0.00054
-17.00	240.00	0.00054	-15.00	240.00	0.00054
-13.00	240.00	0.00054	-11.00	240.00	0.00054
-9.00	240.00	0.00054	9.00	240.00	0.00051
11.00	240.00	0.00051	13.00	240.00	0.00051
15.00	240.00	0.00050	17.00	240.00	0.00050
20.00	240.00	0.00049	25.00	240.00	0.00048
30.00	240.00	0.00046	40.00	240.00	0.00044
50.00	240.00	0.00042	60.00	240.00	0.00039
70.00	240.00	0.00037	80.00	240.00	0.00034
90.00	240.00	0.00031	100.00	240.00	0.00029
-100.00	250.00	0.00022	-90.00	250.00	0.00026
-80.00	250.00	0.00030	-70.00	250.00	0.00034
-60.00	250.00	0.00038	-50.00	250.00	0.00042
-40.00	250.00	0.00046	-30.00	250.00	0.00048
-25.00	250.00	0.00049	-20.00	250.00	0.00050
-17.00	250.00	0.00050	-15.00	250.00	0.00050
-13.00	250.00	0.00050	-11.00	250.00	0.00050
-9.00	250.00	0.00050	9.00	250.00	0.00048
11.00	250.00	0.00047	13.00	250.00	0.00047
15.00	250.00	0.00046	17.00	250.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 82

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S3
 INCLUDING SOURCE(S): NCRA_S3 ,

05NCRA_NAPA01-300 DPM TRAV ANN N-S Bound
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00045	25.00	250.00	0.00044
30.00	250.00	0.00043	40.00	250.00	0.00041
50.00	250.00	0.00039	60.00	250.00	0.00037
70.00	250.00	0.00034	80.00	250.00	0.00032
90.00	250.00	0.00030	100.00	250.00	0.00028

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 83

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00058	-90.00	-250.00	0.00061
-80.00	-250.00	0.00064	-70.00	-250.00	0.00066
-60.00	-250.00	0.00068	-50.00	-250.00	0.00069
-40.00	-250.00	0.00069	-30.00	-250.00	0.00068
-25.00	-250.00	0.00067	-20.00	-250.00	0.00065
-17.00	-250.00	0.00064	-15.00	-250.00	0.00064
-13.00	-250.00	0.00063	-11.00	-250.00	0.00062
-9.00	-250.00	0.00061	9.00	-250.00	0.00051
11.00	-250.00	0.00050	13.00	-250.00	0.00049
15.00	-250.00	0.00048	17.00	-250.00	0.00046
20.00	-250.00	0.00045	25.00	-250.00	0.00042
30.00	-250.00	0.00039	40.00	-250.00	0.00033
50.00	-250.00	0.00027	60.00	-250.00	0.00023
70.00	-250.00	0.00020	80.00	-250.00	0.00017
90.00	-250.00	0.00015	100.00	-250.00	0.00013
-100.00	-240.00	0.00063	-90.00	-240.00	0.00067
-80.00	-240.00	0.00070	-70.00	-240.00	0.00073
-60.00	-240.00	0.00076	-50.00	-240.00	0.00077
-40.00	-240.00	0.00077	-30.00	-240.00	0.00076
-25.00	-240.00	0.00075	-20.00	-240.00	0.00074
-17.00	-240.00	0.00073	-15.00	-240.00	0.00072
-13.00	-240.00	0.00071	-11.00	-240.00	0.00070
-9.00	-240.00	0.00069	9.00	-240.00	0.00057
11.00	-240.00	0.00056	13.00	-240.00	0.00054
15.00	-240.00	0.00053	17.00	-240.00	0.00052
20.00	-240.00	0.00049	25.00	-240.00	0.00046

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	-240.00	0.00042	40.00	-240.00	0.00035
50.00	-240.00	0.00029	60.00	-240.00	0.00024
70.00	-240.00	0.00021	80.00	-240.00	0.00018
90.00	-240.00	0.00016	100.00	-240.00	0.00014
-100.00	-230.00	0.00069	-90.00	-230.00	0.00073
-80.00	-230.00	0.00077	-70.00	-230.00	0.00081
-60.00	-230.00	0.00085	-50.00	-230.00	0.00087
-40.00	-230.00	0.00088	-30.00	-230.00	0.00087
-25.00	-230.00	0.00086	-20.00	-230.00	0.00085
-17.00	-230.00	0.00083	-15.00	-230.00	0.00082
-13.00	-230.00	0.00081	-11.00	-230.00	0.00080
-9.00	-230.00	0.00079	9.00	-230.00	0.00064
11.00	-230.00	0.00063	13.00	-230.00	0.00061
15.00	-230.00	0.00059	17.00	-230.00	0.00057

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 84

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00055	25.00	-230.00	0.00050
30.00	-230.00	0.00046	40.00	-230.00	0.00037
50.00	-230.00	0.00031	60.00	-230.00	0.00025
70.00	-230.00	0.00022	80.00	-230.00	0.00019
90.00	-230.00	0.00017	100.00	-230.00	0.00015
-100.00	-220.00	0.00075	-90.00	-220.00	0.00080
-80.00	-220.00	0.00085	-70.00	-220.00	0.00090
-60.00	-220.00	0.00095	-50.00	-220.00	0.00099
-40.00	-220.00	0.00101	-30.00	-220.00	0.00100
-25.00	-220.00	0.00099	-20.00	-220.00	0.00098
-17.00	-220.00	0.00096	-15.00	-220.00	0.00095
-13.00	-220.00	0.00094	-11.00	-220.00	0.00093
-9.00	-220.00	0.00091	9.00	-220.00	0.00073
11.00	-220.00	0.00071	13.00	-220.00	0.00069
15.00	-220.00	0.00066	17.00	-220.00	0.00064
20.00	-220.00	0.00061	25.00	-220.00	0.00055
30.00	-220.00	0.00050	40.00	-220.00	0.00040
50.00	-220.00	0.00032	60.00	-220.00	0.00027
70.00	-220.00	0.00023	80.00	-220.00	0.00020
90.00	-220.00	0.00018	100.00	-220.00	0.00016

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	-210.00	0.00082	-90.00	-210.00	0.00088
-80.00	-210.00	0.00094	-70.00	-210.00	0.00101
-60.00	-210.00	0.00107	-50.00	-210.00	0.00112
-40.00	-210.00	0.00116	-30.00	-210.00	0.00116
-25.00	-210.00	0.00115	-20.00	-210.00	0.00114
-17.00	-210.00	0.00112	-15.00	-210.00	0.00111
-13.00	-210.00	0.00110	-11.00	-210.00	0.00108
-9.00	-210.00	0.00106	9.00	-210.00	0.00083
11.00	-210.00	0.00081	13.00	-210.00	0.00078
15.00	-210.00	0.00075	17.00	-210.00	0.00072
20.00	-210.00	0.00068	25.00	-210.00	0.00061
30.00	-210.00	0.00054	40.00	-210.00	0.00043
50.00	-210.00	0.00034	60.00	-210.00	0.00028
70.00	-210.00	0.00024	80.00	-210.00	0.00021
90.00	-210.00	0.00019	100.00	-210.00	0.00017
-100.00	-200.00	0.00090	-90.00	-200.00	0.00097
-80.00	-200.00	0.00104	-70.00	-200.00	0.00112
-60.00	-200.00	0.00120	-50.00	-200.00	0.00128
-40.00	-200.00	0.00134	-30.00	-200.00	0.00136
-25.00	-200.00	0.00135	-20.00	-200.00	0.00134

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 85
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00132	-15.00	-200.00	0.00131
-13.00	-200.00	0.00129	-11.00	-200.00	0.00127
-9.00	-200.00	0.00125	9.00	-200.00	0.00096
11.00	-200.00	0.00092	13.00	-200.00	0.00088
15.00	-200.00	0.00085	17.00	-200.00	0.00081
20.00	-200.00	0.00075	25.00	-200.00	0.00066
30.00	-200.00	0.00058	40.00	-200.00	0.00045
50.00	-200.00	0.00036	60.00	-200.00	0.00030
70.00	-200.00	0.00026	80.00	-200.00	0.00023
90.00	-200.00	0.00020	100.00	-200.00	0.00018
-100.00	-190.00	0.00098	-90.00	-190.00	0.00107
-80.00	-190.00	0.00116	-70.00	-190.00	0.00126
-60.00	-190.00	0.00136	-50.00	-190.00	0.00146
-40.00	-190.00	0.00155	-30.00	-190.00	0.00160

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	-190.00	0.00160	-20.00	-190.00	0.00159
-17.00	-190.00	0.00157	-15.00	-190.00	0.00156
-13.00	-190.00	0.00154	-11.00	-190.00	0.00152
-9.00	-190.00	0.00149	9.00	-190.00	0.00111
11.00	-190.00	0.00106	13.00	-190.00	0.00101
15.00	-190.00	0.00096	17.00	-190.00	0.00091
20.00	-190.00	0.00084	25.00	-190.00	0.00073
30.00	-190.00	0.00063	40.00	-190.00	0.00049
50.00	-190.00	0.00039	60.00	-190.00	0.00033
70.00	-190.00	0.00028	80.00	-190.00	0.00024
90.00	-190.00	0.00021	100.00	-190.00	0.00019
-100.00	-180.00	0.00106	-90.00	-180.00	0.00117
-80.00	-180.00	0.00129	-70.00	-180.00	0.00141
-60.00	-180.00	0.00154	-50.00	-180.00	0.00167
-40.00	-180.00	0.00180	-30.00	-180.00	0.00189
-25.00	-180.00	0.00191	-20.00	-180.00	0.00191
-17.00	-180.00	0.00189	-15.00	-180.00	0.00188
-13.00	-180.00	0.00186	-11.00	-180.00	0.00183
-9.00	-180.00	0.00180	9.00	-180.00	0.00128
11.00	-180.00	0.00122	13.00	-180.00	0.00115
15.00	-180.00	0.00108	17.00	-180.00	0.00102
20.00	-180.00	0.00092	25.00	-180.00	0.00079
30.00	-180.00	0.00068	40.00	-180.00	0.00052
50.00	-180.00	0.00042	60.00	-180.00	0.00035
70.00	-180.00	0.00030	80.00	-180.00	0.00026
90.00	-180.00	0.00022	100.00	-180.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTS:

PAGE 86

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00113	-90.00	-170.00	0.00126
-80.00	-170.00	0.00142	-70.00	-170.00	0.00158
-60.00	-170.00	0.00175	-50.00	-170.00	0.00192
-40.00	-170.00	0.00209	-30.00	-170.00	0.00223
-25.00	-170.00	0.00228	-20.00	-170.00	0.00230
-17.00	-170.00	0.00230	-15.00	-170.00	0.00229
-13.00	-170.00	0.00227	-11.00	-170.00	0.00224
-9.00	-170.00	0.00220	9.00	-170.00	0.00149

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	-170.00	0.00139	13.00	-170.00	0.00130
15.00	-170.00	0.00121	17.00	-170.00	0.00112
20.00	-170.00	0.00101	25.00	-170.00	0.00085
30.00	-170.00	0.00073	40.00	-170.00	0.00056
50.00	-170.00	0.00045	60.00	-170.00	0.00037
70.00	-170.00	0.00032	80.00	-170.00	0.00027
90.00	-170.00	0.00023	100.00	-170.00	0.00020
-100.00	-160.00	0.00117	-90.00	-160.00	0.00133
-80.00	-160.00	0.00151	-70.00	-160.00	0.00172
-60.00	-160.00	0.00196	-50.00	-160.00	0.00220
-40.00	-160.00	0.00244	-30.00	-160.00	0.00264
-25.00	-160.00	0.00273	-20.00	-160.00	0.00279
-17.00	-160.00	0.00280	-15.00	-160.00	0.00280
-13.00	-160.00	0.00279	-11.00	-160.00	0.00277
-9.00	-160.00	0.00273	9.00	-160.00	0.00171
11.00	-160.00	0.00158	13.00	-160.00	0.00145
15.00	-160.00	0.00133	17.00	-160.00	0.00123
20.00	-160.00	0.00110	25.00	-160.00	0.00092
30.00	-160.00	0.00079	40.00	-160.00	0.00061
50.00	-160.00	0.00048	60.00	-160.00	0.00040
70.00	-160.00	0.00033	80.00	-160.00	0.00028
90.00	-160.00	0.00024	100.00	-160.00	0.00021
-100.00	-150.00	0.00118	-90.00	-150.00	0.00136
-80.00	-150.00	0.00157	-70.00	-150.00	0.00182
-60.00	-150.00	0.00211	-50.00	-150.00	0.00244
-40.00	-150.00	0.00279	-30.00	-150.00	0.00313
-25.00	-150.00	0.00327	-20.00	-150.00	0.00337
-17.00	-150.00	0.00343	-15.00	-150.00	0.00345
-13.00	-150.00	0.00347	-11.00	-150.00	0.00346
-9.00	-150.00	0.00344	9.00	-150.00	0.00193
11.00	-150.00	0.00175	13.00	-150.00	0.00159
15.00	-150.00	0.00145	17.00	-150.00	0.00134

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 87
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00119	25.00	-150.00	0.00099
30.00	-150.00	0.00084	40.00	-150.00	0.00064

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-150.00	0.00051	60.00	-150.00	0.00042
70.00	-150.00	0.00035	80.00	-150.00	0.00029
90.00	-150.00	0.00025	100.00	-150.00	0.00021
-100.00	-140.00	0.00118	-90.00	-140.00	0.00136
-80.00	-140.00	0.00159	-70.00	-140.00	0.00186
-60.00	-140.00	0.00218	-50.00	-140.00	0.00257
-40.00	-140.00	0.00301	-30.00	-140.00	0.00349
-25.00	-140.00	0.00374	-20.00	-140.00	0.00399
-17.00	-140.00	0.00414	-15.00	-140.00	0.00423
-13.00	-140.00	0.00432	-11.00	-140.00	0.00442
-9.00	-140.00	0.00450	9.00	-140.00	0.00213
11.00	-140.00	0.00191	13.00	-140.00	0.00172
15.00	-140.00	0.00157	17.00	-140.00	0.00143
20.00	-140.00	0.00127	25.00	-140.00	0.00105
30.00	-140.00	0.00090	40.00	-140.00	0.00068
50.00	-140.00	0.00054	60.00	-140.00	0.00044
70.00	-140.00	0.00037	80.00	-140.00	0.00031
90.00	-140.00	0.00026	100.00	-140.00	0.00022
-100.00	-130.00	0.00114	-90.00	-130.00	0.00134
-80.00	-130.00	0.00157	-70.00	-130.00	0.00185
-60.00	-130.00	0.00219	-50.00	-130.00	0.00260
-40.00	-130.00	0.00308	-30.00	-130.00	0.00363
-25.00	-130.00	0.00392	-20.00	-130.00	0.00423
-17.00	-130.00	0.00443	-15.00	-130.00	0.00458
-13.00	-130.00	0.00474	-11.00	-130.00	0.00494
-9.00	-130.00	0.00520	9.00	-130.00	0.00250
11.00	-130.00	0.00219	13.00	-130.00	0.00195
15.00	-130.00	0.00177	17.00	-130.00	0.00161
20.00	-130.00	0.00142	25.00	-130.00	0.00117
30.00	-130.00	0.00100	40.00	-130.00	0.00076
50.00	-130.00	0.00060	60.00	-130.00	0.00049
70.00	-130.00	0.00040	80.00	-130.00	0.00033
90.00	-130.00	0.00028	100.00	-130.00	0.00024
-100.00	-120.00	0.00109	-90.00	-120.00	0.00128
-80.00	-120.00	0.00151	-70.00	-120.00	0.00180
-60.00	-120.00	0.00214	-50.00	-120.00	0.00256
-40.00	-120.00	0.00305	-30.00	-120.00	0.00362
-25.00	-120.00	0.00393	-20.00	-120.00	0.00427

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 88

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

05NCRA NAPA01-300_DPM_TRAV ANN N-S Bound
 INCLUDING SOURCE(S) : NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00451	-15.00	-120.00	0.00468
-13.00	-120.00	0.00488	-11.00	-120.00	0.00515
-9.00	-120.00	0.00555	9.00	-120.00	0.00348
11.00	-120.00	0.00294	13.00	-120.00	0.00255
15.00	-120.00	0.00224	17.00	-120.00	0.00200
20.00	-120.00	0.00171	25.00	-120.00	0.00138
30.00	-120.00	0.00116	40.00	-120.00	0.00086
50.00	-120.00	0.00067	60.00	-120.00	0.00054
70.00	-120.00	0.00044	80.00	-120.00	0.00036
90.00	-120.00	0.00030	100.00	-120.00	0.00025
-100.00	-110.00	0.00101	-90.00	-110.00	0.00120
-80.00	-110.00	0.00142	-70.00	-110.00	0.00170
-60.00	-110.00	0.00204	-50.00	-110.00	0.00246
-40.00	-110.00	0.00295	-30.00	-110.00	0.00354
-25.00	-110.00	0.00387	-20.00	-110.00	0.00426
-17.00	-110.00	0.00455	-15.00	-110.00	0.00479
-13.00	-110.00	0.00511	-11.00	-110.00	0.00554
-9.00	-110.00	0.00618	9.00	-110.00	0.00450
11.00	-110.00	0.00380	13.00	-110.00	0.00327
15.00	-110.00	0.00286	17.00	-110.00	0.00253
20.00	-110.00	0.00214	25.00	-110.00	0.00168
30.00	-110.00	0.00137	40.00	-110.00	0.00099
50.00	-110.00	0.00076	60.00	-110.00	0.00059
70.00	-110.00	0.00048	80.00	-110.00	0.00039
90.00	-110.00	0.00032	100.00	-110.00	0.00027
-100.00	-100.00	0.00091	-90.00	-100.00	0.00109
-80.00	-100.00	0.00130	-70.00	-100.00	0.00157
-60.00	-100.00	0.00190	-50.00	-100.00	0.00231
-40.00	-100.00	0.00280	-30.00	-100.00	0.00340
-25.00	-100.00	0.00376	-20.00	-100.00	0.00424
-17.00	-100.00	0.00463	-15.00	-100.00	0.00498
-13.00	-100.00	0.00543	-11.00	-100.00	0.00602
-9.00	-100.00	0.00682	9.00	-100.00	0.00530
11.00	-100.00	0.00451	13.00	-100.00	0.00390
15.00	-100.00	0.00342	17.00	-100.00	0.00303
20.00	-100.00	0.00256	25.00	-100.00	0.00201
30.00	-100.00	0.00163	40.00	-100.00	0.00114
50.00	-100.00	0.00085	60.00	-100.00	0.00065
70.00	-100.00	0.00052	80.00	-100.00	0.00042
90.00	-100.00	0.00035	100.00	-100.00	0.00030

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

16:57:07

**MODELOPTs:

PAGE 89

*** Maximum train overlap at North/South Bound Direction

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00081	-90.00	-90.00	0.00096
-80.00	-90.00	0.00116	-70.00	-90.00	0.00141
-60.00	-90.00	0.00172	-50.00	-90.00	0.00211
-40.00	-90.00	0.00259	-30.00	-90.00	0.00320
-25.00	-90.00	0.00361	-20.00	-90.00	0.00420
-17.00	-90.00	0.00470	-15.00	-90.00	0.00514
-13.00	-90.00	0.00568	-11.00	-90.00	0.00637
-9.00	-90.00	0.00727	9.00	-90.00	0.00587
11.00	-90.00	0.00504	13.00	-90.00	0.00440
15.00	-90.00	0.00388	17.00	-90.00	0.00345
20.00	-90.00	0.00294	25.00	-90.00	0.00232
30.00	-90.00	0.00188	40.00	-90.00	0.00131
50.00	-90.00	0.00095	60.00	-90.00	0.00072
70.00	-90.00	0.00057	80.00	-90.00	0.00046
90.00	-90.00	0.00038	100.00	-90.00	0.00032
-100.00	-80.00	0.00071	-90.00	-80.00	0.00084
-80.00	-80.00	0.00100	-70.00	-80.00	0.00121
-60.00	-80.00	0.00149	-50.00	-80.00	0.00185
-40.00	-80.00	0.00231	-30.00	-80.00	0.00295
-25.00	-80.00	0.00342	-20.00	-80.00	0.00410
-17.00	-80.00	0.00468	-15.00	-80.00	0.00517
-13.00	-80.00	0.00577	-11.00	-80.00	0.00652
-9.00	-80.00	0.00747	9.00	-80.00	0.00625
11.00	-80.00	0.00541	13.00	-80.00	0.00476
15.00	-80.00	0.00423	17.00	-80.00	0.00379
20.00	-80.00	0.00325	25.00	-80.00	0.00258
30.00	-80.00	0.00210	40.00	-80.00	0.00146
50.00	-80.00	0.00106	60.00	-80.00	0.00080
70.00	-80.00	0.00062	80.00	-80.00	0.00050
90.00	-80.00	0.00041	100.00	-80.00	0.00034
-100.00	-70.00	0.00062	-90.00	-70.00	0.00073
-80.00	-70.00	0.00086	-70.00	-70.00	0.00102
-60.00	-70.00	0.00124	-50.00	-70.00	0.00154
-40.00	-70.00	0.00197	-30.00	-70.00	0.00263

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	-70.00	0.00314	-20.00	-70.00	0.00387
-17.00	-70.00	0.00449	-15.00	-70.00	0.00501
-13.00	-70.00	0.00564	-11.00	-70.00	0.00643
-9.00	-70.00	0.00741	9.00	-70.00	0.00647
11.00	-70.00	0.00565	13.00	-70.00	0.00501
15.00	-70.00	0.00449	17.00	-70.00	0.00405

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 90

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00349	25.00	-70.00	0.00279
30.00	-70.00	0.00228	40.00	-70.00	0.00159
50.00	-70.00	0.00117	60.00	-70.00	0.00088
70.00	-70.00	0.00068	80.00	-70.00	0.00054
90.00	-70.00	0.00044	100.00	-70.00	0.00037
-100.00	-60.00	0.00055	-90.00	-60.00	0.00063
-80.00	-60.00	0.00074	-70.00	-60.00	0.00087
-60.00	-60.00	0.00104	-50.00	-60.00	0.00126
-40.00	-60.00	0.00161	-30.00	-60.00	0.00222
-25.00	-60.00	0.00274	-20.00	-60.00	0.00350
-17.00	-60.00	0.00413	-15.00	-60.00	0.00465
-13.00	-60.00	0.00529	-11.00	-60.00	0.00607
-9.00	-60.00	0.00705	9.00	-60.00	0.00659
11.00	-60.00	0.00580	13.00	-60.00	0.00517
15.00	-60.00	0.00466	17.00	-60.00	0.00423
20.00	-60.00	0.00367	25.00	-60.00	0.00295
30.00	-60.00	0.00243	40.00	-60.00	0.00171
50.00	-60.00	0.00126	60.00	-60.00	0.00096
70.00	-60.00	0.00074	80.00	-60.00	0.00059
90.00	-60.00	0.00048	100.00	-60.00	0.00039
-100.00	-50.00	0.00049	-90.00	-50.00	0.00056
-80.00	-50.00	0.00064	-70.00	-50.00	0.00075
-60.00	-50.00	0.00089	-50.00	-50.00	0.00107
-40.00	-50.00	0.00137	-30.00	-50.00	0.00191
-25.00	-50.00	0.00236	-20.00	-50.00	0.00303
-17.00	-50.00	0.00359	-15.00	-50.00	0.00407
-13.00	-50.00	0.00464	-11.00	-50.00	0.00536
-9.00	-50.00	0.00627	9.00	-50.00	0.00665

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	-50.00	0.00589	13.00	-50.00	0.00527
15.00	-50.00	0.00477	17.00	-50.00	0.00434
20.00	-50.00	0.00380	25.00	-50.00	0.00308
30.00	-50.00	0.00254	40.00	-50.00	0.00181
50.00	-50.00	0.00134	60.00	-50.00	0.00102
70.00	-50.00	0.00079	80.00	-50.00	0.00063
90.00	-50.00	0.00051	100.00	-50.00	0.00042
-100.00	-40.00	0.00044	-90.00	-40.00	0.00050
-80.00	-40.00	0.00057	-70.00	-40.00	0.00066
-60.00	-40.00	0.00078	-50.00	-40.00	0.00096
-40.00	-40.00	0.00125	-30.00	-40.00	0.00179
-25.00	-40.00	0.00223	-20.00	-40.00	0.00288

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 91

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00341	-15.00	-40.00	0.00384
-13.00	-40.00	0.00435	-11.00	-40.00	0.00497
-9.00	-40.00	0.00573	9.00	-40.00	0.00644
11.00	-40.00	0.00578	13.00	-40.00	0.00522
15.00	-40.00	0.00474	17.00	-40.00	0.00433
20.00	-40.00	0.00381	25.00	-40.00	0.00311
30.00	-40.00	0.00258	40.00	-40.00	0.00185
50.00	-40.00	0.00138	60.00	-40.00	0.00105
70.00	-40.00	0.00083	80.00	-40.00	0.00066
90.00	-40.00	0.00053	100.00	-40.00	0.00044
-100.00	-30.00	0.00040	-90.00	-30.00	0.00045
-80.00	-30.00	0.00051	-70.00	-30.00	0.00060
-60.00	-30.00	0.00072	-50.00	-30.00	0.00089
-40.00	-30.00	0.00120	-30.00	-30.00	0.00176
-25.00	-30.00	0.00221	-20.00	-30.00	0.00285
-17.00	-30.00	0.00337	-15.00	-30.00	0.00379
-13.00	-30.00	0.00428	-11.00	-30.00	0.00484
-9.00	-30.00	0.00546	9.00	-30.00	0.00552
11.00	-30.00	0.00511	13.00	-30.00	0.00472
15.00	-30.00	0.00437	17.00	-30.00	0.00405
20.00	-30.00	0.00361	25.00	-30.00	0.00302
30.00	-30.00	0.00254	40.00	-30.00	0.00184

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	-30.00	0.00138	60.00	-30.00	0.00107
70.00	-30.00	0.00084	80.00	-30.00	0.00068
90.00	-30.00	0.00055	100.00	-30.00	0.00045
-100.00	-20.00	0.00037	-90.00	-20.00	0.00041
-80.00	-20.00	0.00047	-70.00	-20.00	0.00056
-60.00	-20.00	0.00067	-50.00	-20.00	0.00086
-40.00	-20.00	0.00117	-30.00	-20.00	0.00174
-25.00	-20.00	0.00219	-20.00	-20.00	0.00281
-17.00	-20.00	0.00329	-15.00	-20.00	0.00364
-13.00	-20.00	0.00402	-11.00	-20.00	0.00441
-9.00	-20.00	0.00479	9.00	-20.00	0.00454
11.00	-20.00	0.00429	13.00	-20.00	0.00404
15.00	-20.00	0.00380	17.00	-20.00	0.00357
20.00	-20.00	0.00326	25.00	-20.00	0.00279
30.00	-20.00	0.00240	40.00	-20.00	0.00180
50.00	-20.00	0.00137	60.00	-20.00	0.00107
70.00	-20.00	0.00085	80.00	-20.00	0.00069
90.00	-20.00	0.00056	100.00	-20.00	0.00046

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 92

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00034	-90.00	-10.00	0.00039
-80.00	-10.00	0.00044	-70.00	-10.00	0.00052
-60.00	-10.00	0.00064	-50.00	-10.00	0.00083
-40.00	-10.00	0.00115	-30.00	-10.00	0.00172
-25.00	-10.00	0.00215	-20.00	-10.00	0.00269
-17.00	-10.00	0.00306	-15.00	-10.00	0.00332
-13.00	-10.00	0.00358	-11.00	-10.00	0.00382
-9.00	-10.00	0.00403	9.00	-10.00	0.00372
11.00	-10.00	0.00356	13.00	-10.00	0.00341
15.00	-10.00	0.00325	17.00	-10.00	0.00309
20.00	-10.00	0.00286	25.00	-10.00	0.00251
30.00	-10.00	0.00220	40.00	-10.00	0.00171
50.00	-10.00	0.00133	60.00	-10.00	0.00105
70.00	-10.00	0.00085	80.00	-10.00	0.00069
90.00	-10.00	0.00057	100.00	-10.00	0.00047
-100.00	0.00	0.00032	-90.00	0.00	0.00036

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	0.00	0.00042	-70.00	0.00	0.00050
-60.00	0.00	0.00062	-50.00	0.00	0.00082
-40.00	0.00	0.00114	-30.00	0.00	0.00168
-25.00	0.00	0.00205	-20.00	0.00	0.00249
-17.00	0.00	0.00276	-15.00	0.00	0.00293
-13.00	0.00	0.00310	-11.00	0.00	0.00324
-9.00	0.00	0.00336	9.00	0.00	0.00307
11.00	0.00	0.00297	13.00	0.00	0.00286
15.00	0.00	0.00276	17.00	0.00	0.00265
20.00	0.00	0.00249	25.00	0.00	0.00223
30.00	0.00	0.00199	40.00	0.00	0.00158
50.00	0.00	0.00127	60.00	0.00	0.00102
70.00	0.00	0.00083	80.00	0.00	0.00068
90.00	0.00	0.00057	100.00	0.00	0.00048
-100.00	10.00	0.00030	-90.00	10.00	0.00034
-80.00	10.00	0.00040	-70.00	10.00	0.00048
-60.00	10.00	0.00060	-50.00	10.00	0.00081
-40.00	10.00	0.00113	-30.00	10.00	0.00161
-25.00	10.00	0.00192	-20.00	10.00	0.00224
-17.00	10.00	0.00243	-15.00	10.00	0.00255
-13.00	10.00	0.00265	-11.00	10.00	0.00274
-9.00	10.00	0.00281	9.00	10.00	0.00257
11.00	10.00	0.00249	13.00	10.00	0.00242
15.00	10.00	0.00235	17.00	10.00	0.00227

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 93
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00216	25.00	10.00	0.00197
30.00	10.00	0.00179	40.00	10.00	0.00145
50.00	10.00	0.00119	60.00	10.00	0.00098
70.00	10.00	0.00081	80.00	10.00	0.00067
90.00	10.00	0.00057	100.00	10.00	0.00048
-100.00	20.00	0.00028	-90.00	20.00	0.00032
-80.00	20.00	0.00038	-70.00	20.00	0.00047
-60.00	20.00	0.00060	-50.00	20.00	0.00080
-40.00	20.00	0.00110	-30.00	20.00	0.00152
-25.00	20.00	0.00176	-20.00	20.00	0.00200

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	20.00	0.00213	-15.00	20.00	0.00221
-13.00	20.00	0.00228	-11.00	20.00	0.00233
-9.00	20.00	0.00237	9.00	20.00	0.00217
11.00	20.00	0.00212	13.00	20.00	0.00206
15.00	20.00	0.00201	17.00	20.00	0.00196
20.00	20.00	0.00187	25.00	20.00	0.00174
30.00	20.00	0.00160	40.00	20.00	0.00133
50.00	20.00	0.00110	60.00	20.00	0.00092
70.00	20.00	0.00077	80.00	20.00	0.00065
90.00	20.00	0.00056	100.00	20.00	0.00047
-100.00	30.00	0.00027	-90.00	30.00	0.00031
-80.00	30.00	0.00037	-70.00	30.00	0.00046
-60.00	30.00	0.00059	-50.00	30.00	0.00078
-40.00	30.00	0.00106	-30.00	30.00	0.00141
-25.00	30.00	0.00160	-20.00	30.00	0.00178
-17.00	30.00	0.00187	-15.00	30.00	0.00192
-13.00	30.00	0.00196	-11.00	30.00	0.00200
-9.00	30.00	0.00202	9.00	30.00	0.00186
11.00	30.00	0.00182	13.00	30.00	0.00178
15.00	30.00	0.00174	17.00	30.00	0.00170
20.00	30.00	0.00163	25.00	30.00	0.00153
30.00	30.00	0.00143	40.00	30.00	0.00122
50.00	30.00	0.00102	60.00	30.00	0.00086
70.00	30.00	0.00073	80.00	30.00	0.00063
90.00	30.00	0.00054	100.00	30.00	0.00047
-100.00	40.00	0.00026	-90.00	40.00	0.00030
-80.00	40.00	0.00036	-70.00	40.00	0.00045
-60.00	40.00	0.00058	-50.00	40.00	0.00077
-40.00	40.00	0.00101	-30.00	40.00	0.00130
-25.00	40.00	0.00145	-20.00	40.00	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 94
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00164	-15.00	40.00	0.00168
-13.00	40.00	0.00171	-11.00	40.00	0.00173
-9.00	40.00	0.00174	9.00	40.00	0.00161
11.00	40.00	0.00158	13.00	40.00	0.00154

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	40.00	0.00151	17.00	40.00	0.00148
20.00	40.00	0.00143	25.00	40.00	0.00135
30.00	40.00	0.00127	40.00	40.00	0.00111
50.00	40.00	0.00095	60.00	40.00	0.00081
70.00	40.00	0.00069	80.00	40.00	0.00060
90.00	40.00	0.00052	100.00	40.00	0.00045
-100.00	50.00	0.00025	-90.00	50.00	0.00030
-80.00	50.00	0.00036	-70.00	50.00	0.00045
-60.00	50.00	0.00058	-50.00	50.00	0.00075
-40.00	50.00	0.00096	-30.00	50.00	0.00119
-25.00	50.00	0.00130	-20.00	50.00	0.00140
-17.00	50.00	0.00145	-15.00	50.00	0.00147
-13.00	50.00	0.00149	-11.00	50.00	0.00151
-9.00	50.00	0.00152	9.00	50.00	0.00140
11.00	50.00	0.00138	13.00	50.00	0.00135
15.00	50.00	0.00133	17.00	50.00	0.00130
20.00	50.00	0.00127	25.00	50.00	0.00120
30.00	50.00	0.00114	40.00	50.00	0.00101
50.00	50.00	0.00088	60.00	50.00	0.00076
70.00	50.00	0.00065	80.00	50.00	0.00057
90.00	50.00	0.00050	100.00	50.00	0.00044
-100.00	60.00	0.00025	-90.00	60.00	0.00029
-80.00	60.00	0.00036	-70.00	60.00	0.00044
-60.00	60.00	0.00057	-50.00	60.00	0.00072
-40.00	60.00	0.00090	-30.00	60.00	0.00109
-25.00	60.00	0.00118	-20.00	60.00	0.00125
-17.00	60.00	0.00128	-15.00	60.00	0.00130
-13.00	60.00	0.00131	-11.00	60.00	0.00132
-9.00	60.00	0.00133	9.00	60.00	0.00124
11.00	60.00	0.00122	13.00	60.00	0.00120
15.00	60.00	0.00118	17.00	60.00	0.00116
20.00	60.00	0.00112	25.00	60.00	0.00107
30.00	60.00	0.00102	40.00	60.00	0.00092
50.00	60.00	0.00081	60.00	60.00	0.00071
70.00	60.00	0.00062	80.00	60.00	0.00054
90.00	60.00	0.00047	100.00	60.00	0.00042

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 95

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00024	-90.00	70.00	0.00029
-80.00	70.00	0.00035	-70.00	70.00	0.00044
-60.00	70.00	0.00055	-50.00	70.00	0.00069
-40.00	70.00	0.00084	-30.00	70.00	0.00100
-25.00	70.00	0.00106	-20.00	70.00	0.00112
-17.00	70.00	0.00114	-15.00	70.00	0.00116
-13.00	70.00	0.00117	-11.00	70.00	0.00117
-9.00	70.00	0.00118	9.00	70.00	0.00110
11.00	70.00	0.00108	13.00	70.00	0.00106
15.00	70.00	0.00105	17.00	70.00	0.00103
20.00	70.00	0.00101	25.00	70.00	0.00096
30.00	70.00	0.00092	40.00	70.00	0.00084
50.00	70.00	0.00075	60.00	70.00	0.00066
70.00	70.00	0.00058	80.00	70.00	0.00051
90.00	70.00	0.00045	100.00	70.00	0.00040
-100.00	80.00	0.00024	-90.00	80.00	0.00029
-80.00	80.00	0.00035	-70.00	80.00	0.00043
-60.00	80.00	0.00054	-50.00	80.00	0.00066
-40.00	80.00	0.00079	-30.00	80.00	0.00091
-25.00	80.00	0.00097	-20.00	80.00	0.00101
-17.00	80.00	0.00102	-15.00	80.00	0.00103
-13.00	80.00	0.00104	-11.00	80.00	0.00104
-9.00	80.00	0.00105	9.00	80.00	0.00098
11.00	80.00	0.00097	13.00	80.00	0.00095
15.00	80.00	0.00094	17.00	80.00	0.00093
20.00	80.00	0.00090	25.00	80.00	0.00087
30.00	80.00	0.00084	40.00	80.00	0.00077
50.00	80.00	0.00069	60.00	80.00	0.00062
70.00	80.00	0.00055	80.00	80.00	0.00049
90.00	80.00	0.00043	100.00	80.00	0.00039
-100.00	90.00	0.00024	-90.00	90.00	0.00028
-80.00	90.00	0.00035	-70.00	90.00	0.00042
-60.00	90.00	0.00052	-50.00	90.00	0.00062
-40.00	90.00	0.00074	-30.00	90.00	0.00084
-25.00	90.00	0.00088	-20.00	90.00	0.00091
-17.00	90.00	0.00092	-15.00	90.00	0.00093
-13.00	90.00	0.00093	-11.00	90.00	0.00094
-9.00	90.00	0.00094	9.00	90.00	0.00088
11.00	90.00	0.00087	13.00	90.00	0.00086
15.00	90.00	0.00085	17.00	90.00	0.00084

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:
PAGE 96

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00082	25.00	90.00	0.00079
30.00	90.00	0.00076	40.00	90.00	0.00070
50.00	90.00	0.00064	60.00	90.00	0.00058
70.00	90.00	0.00052	80.00	90.00	0.00046
90.00	90.00	0.00041	100.00	90.00	0.00037
-100.00	100.00	0.00024	-90.00	100.00	0.00028
-80.00	100.00	0.00034	-70.00	100.00	0.00041
-60.00	100.00	0.00050	-50.00	100.00	0.00059
-40.00	100.00	0.00069	-30.00	100.00	0.00077
-25.00	100.00	0.00080	-20.00	100.00	0.00082
-17.00	100.00	0.00083	-15.00	100.00	0.00084
-13.00	100.00	0.00084	-11.00	100.00	0.00085
-9.00	100.00	0.00085	9.00	100.00	0.00080
11.00	100.00	0.00079	13.00	100.00	0.00078
15.00	100.00	0.00077	17.00	100.00	0.00076
20.00	100.00	0.00074	25.00	100.00	0.00072
30.00	100.00	0.00069	40.00	100.00	0.00064
50.00	100.00	0.00059	60.00	100.00	0.00054
70.00	100.00	0.00049	80.00	100.00	0.00044
90.00	100.00	0.00039	100.00	100.00	0.00035
-100.00	110.00	0.00023	-90.00	110.00	0.00028
-80.00	110.00	0.00034	-70.00	110.00	0.00040
-60.00	110.00	0.00048	-50.00	110.00	0.00056
-40.00	110.00	0.00064	-30.00	110.00	0.00071
-25.00	110.00	0.00073	-20.00	110.00	0.00075
-17.00	110.00	0.00076	-15.00	110.00	0.00076
-13.00	110.00	0.00077	-11.00	110.00	0.00077
-9.00	110.00	0.00077	9.00	110.00	0.00072
11.00	110.00	0.00072	13.00	110.00	0.00071
15.00	110.00	0.00070	17.00	110.00	0.00069
20.00	110.00	0.00068	25.00	110.00	0.00066
30.00	110.00	0.00064	40.00	110.00	0.00059
50.00	110.00	0.00055	60.00	110.00	0.00051
70.00	110.00	0.00046	80.00	110.00	0.00042
90.00	110.00	0.00038	100.00	110.00	0.00034
-100.00	120.00	0.00023	-90.00	120.00	0.00028

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	120.00	0.00033	-70.00	120.00	0.00039
-60.00	120.00	0.00046	-50.00	120.00	0.00053
-40.00	120.00	0.00060	-30.00	120.00	0.00065
-25.00	120.00	0.00067	-20.00	120.00	0.00069

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 97
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00069	-15.00	120.00	0.00070
-13.00	120.00	0.00070	-11.00	120.00	0.00070
-9.00	120.00	0.00070	9.00	120.00	0.00066
11.00	120.00	0.00065	13.00	120.00	0.00065
15.00	120.00	0.00064	17.00	120.00	0.00063
20.00	120.00	0.00062	25.00	120.00	0.00060
30.00	120.00	0.00058	40.00	120.00	0.00055
50.00	120.00	0.00051	60.00	120.00	0.00047
70.00	120.00	0.00044	80.00	120.00	0.00040
90.00	120.00	0.00036	100.00	120.00	0.00033
-100.00	130.00	0.00023	-90.00	130.00	0.00027
-80.00	130.00	0.00032	-70.00	130.00	0.00038
-60.00	130.00	0.00044	-50.00	130.00	0.00050
-40.00	130.00	0.00056	-30.00	130.00	0.00060
-25.00	130.00	0.00062	-20.00	130.00	0.00063
-17.00	130.00	0.00064	-15.00	130.00	0.00064
-13.00	130.00	0.00064	-11.00	130.00	0.00064
-9.00	130.00	0.00064	9.00	130.00	0.00061
11.00	130.00	0.00060	13.00	130.00	0.00059
15.00	130.00	0.00059	17.00	130.00	0.00058
20.00	130.00	0.00057	25.00	130.00	0.00055
30.00	130.00	0.00054	40.00	130.00	0.00051
50.00	130.00	0.00048	60.00	130.00	0.00044
70.00	130.00	0.00041	80.00	130.00	0.00038
90.00	130.00	0.00034	100.00	130.00	0.00031
-100.00	140.00	0.00023	-90.00	140.00	0.00027
-80.00	140.00	0.00031	-70.00	140.00	0.00036
-60.00	140.00	0.00042	-50.00	140.00	0.00047
-40.00	140.00	0.00052	-30.00	140.00	0.00056
-25.00	140.00	0.00057	-20.00	140.00	0.00058

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	140.00	0.00058	-15.00	140.00	0.00059
-13.00	140.00	0.00059	-11.00	140.00	0.00059
-9.00	140.00	0.00059	9.00	140.00	0.00056
11.00	140.00	0.00055	13.00	140.00	0.00055
15.00	140.00	0.00054	17.00	140.00	0.00054
20.00	140.00	0.00053	25.00	140.00	0.00051
30.00	140.00	0.00050	40.00	140.00	0.00047
50.00	140.00	0.00044	60.00	140.00	0.00042
70.00	140.00	0.00039	80.00	140.00	0.00036
90.00	140.00	0.00033	100.00	140.00	0.00030

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 98

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4

*** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00023	-90.00	150.00	0.00026
-80.00	150.00	0.00030	-70.00	150.00	0.00035
-60.00	150.00	0.00040	-50.00	150.00	0.00045
-40.00	150.00	0.00049	-30.00	150.00	0.00052
-25.00	150.00	0.00053	-20.00	150.00	0.00054
-17.00	150.00	0.00054	-15.00	150.00	0.00054
-13.00	150.00	0.00054	-11.00	150.00	0.00054
-9.00	150.00	0.00054	9.00	150.00	0.00051
11.00	150.00	0.00051	13.00	150.00	0.00051
15.00	150.00	0.00050	17.00	150.00	0.00050
20.00	150.00	0.00049	25.00	150.00	0.00048
30.00	150.00	0.00046	40.00	150.00	0.00044
50.00	150.00	0.00042	60.00	150.00	0.00039
70.00	150.00	0.00037	80.00	150.00	0.00034
90.00	150.00	0.00031	100.00	150.00	0.00029
-100.00	160.00	0.00022	-90.00	160.00	0.00026
-80.00	160.00	0.00030	-70.00	160.00	0.00034
-60.00	160.00	0.00038	-50.00	160.00	0.00042
-40.00	160.00	0.00046	-30.00	160.00	0.00048
-25.00	160.00	0.00049	-20.00	160.00	0.00050
-17.00	160.00	0.00050	-15.00	160.00	0.00050
-13.00	160.00	0.00050	-11.00	160.00	0.00050
-9.00	160.00	0.00050	9.00	160.00	0.00048
11.00	160.00	0.00047	13.00	160.00	0.00047

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	160.00	0.00046	17.00	160.00	0.00046
20.00	160.00	0.00045	25.00	160.00	0.00044
30.00	160.00	0.00043	40.00	160.00	0.00041
50.00	160.00	0.00039	60.00	160.00	0.00037
70.00	160.00	0.00034	80.00	160.00	0.00032
90.00	160.00	0.00030	100.00	160.00	0.00028
-100.00	170.00	0.00022	-90.00	170.00	0.00025
-80.00	170.00	0.00029	-70.00	170.00	0.00032
-60.00	170.00	0.00036	-50.00	170.00	0.00040
-40.00	170.00	0.00043	-30.00	170.00	0.00045
-25.00	170.00	0.00046	-20.00	170.00	0.00046
-17.00	170.00	0.00046	-15.00	170.00	0.00046
-13.00	170.00	0.00046	-11.00	170.00	0.00046
-9.00	170.00	0.00046	9.00	170.00	0.00044
11.00	170.00	0.00044	13.00	170.00	0.00044
15.00	170.00	0.00043	17.00	170.00	0.00043

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 99

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00042	25.00	170.00	0.00041
30.00	170.00	0.00040	40.00	170.00	0.00038
50.00	170.00	0.00036	60.00	170.00	0.00035
70.00	170.00	0.00033	80.00	170.00	0.00031
90.00	170.00	0.00028	100.00	170.00	0.00026
-100.00	180.00	0.00021	-90.00	180.00	0.00024
-80.00	180.00	0.00028	-70.00	180.00	0.00031
-60.00	180.00	0.00034	-50.00	180.00	0.00038
-40.00	180.00	0.00040	-30.00	180.00	0.00042
-25.00	180.00	0.00043	-20.00	180.00	0.00043
-17.00	180.00	0.00043	-15.00	180.00	0.00043
-13.00	180.00	0.00043	-11.00	180.00	0.00043
-9.00	180.00	0.00043	9.00	180.00	0.00041
11.00	180.00	0.00041	13.00	180.00	0.00041
15.00	180.00	0.00040	17.00	180.00	0.00040
20.00	180.00	0.00039	25.00	180.00	0.00039
30.00	180.00	0.00038	40.00	180.00	0.00036
50.00	180.00	0.00034	60.00	180.00	0.00033

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00	180.00	0.00031	80.00	180.00	0.00029
90.00	180.00	0.00027	100.00	180.00	0.00025
-100.00	190.00	0.00021	-90.00	190.00	0.00024
-80.00	190.00	0.00027	-70.00	190.00	0.00030
-60.00	190.00	0.00033	-50.00	190.00	0.00036
-40.00	190.00	0.00038	-30.00	190.00	0.00039
-25.00	190.00	0.00040	-20.00	190.00	0.00040
-17.00	190.00	0.00040	-15.00	190.00	0.00040
-13.00	190.00	0.00040	-11.00	190.00	0.00040
-9.00	190.00	0.00040	9.00	190.00	0.00039
11.00	190.00	0.00038	13.00	190.00	0.00038
15.00	190.00	0.00038	17.00	190.00	0.00037
20.00	190.00	0.00037	25.00	190.00	0.00036
30.00	190.00	0.00035	40.00	190.00	0.00034
50.00	190.00	0.00032	60.00	190.00	0.00031
70.00	190.00	0.00029	80.00	190.00	0.00028
90.00	190.00	0.00026	100.00	190.00	0.00024
-100.00	200.00	0.00021	-90.00	200.00	0.00023
-80.00	200.00	0.00026	-70.00	200.00	0.00029
-60.00	200.00	0.00031	-50.00	200.00	0.00034
-40.00	200.00	0.00036	-30.00	200.00	0.00037
-25.00	200.00	0.00037	-20.00	200.00	0.00038

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 100

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00038	-15.00	200.00	0.00038
-13.00	200.00	0.00038	-11.00	200.00	0.00038
-9.00	200.00	0.00038	9.00	200.00	0.00036
11.00	200.00	0.00036	13.00	200.00	0.00036
15.00	200.00	0.00035	17.00	200.00	0.00035
20.00	200.00	0.00035	25.00	200.00	0.00034
30.00	200.00	0.00033	40.00	200.00	0.00032
50.00	200.00	0.00030	60.00	200.00	0.00029
70.00	200.00	0.00028	80.00	200.00	0.00026
90.00	200.00	0.00025	100.00	200.00	0.00023
-100.00	210.00	0.00020	-90.00	210.00	0.00023
-80.00	210.00	0.00025	-70.00	210.00	0.00028

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	210.00	0.00030	-50.00	210.00	0.00032
-40.00	210.00	0.00034	-30.00	210.00	0.00035
-25.00	210.00	0.00035	-20.00	210.00	0.00035
-17.00	210.00	0.00035	-15.00	210.00	0.00035
-13.00	210.00	0.00035	-11.00	210.00	0.00035
-9.00	210.00	0.00035	9.00	210.00	0.00034
11.00	210.00	0.00034	13.00	210.00	0.00033
15.00	210.00	0.00033	17.00	210.00	0.00033
20.00	210.00	0.00033	25.00	210.00	0.00032
30.00	210.00	0.00031	40.00	210.00	0.00030
50.00	210.00	0.00029	60.00	210.00	0.00028
70.00	210.00	0.00026	80.00	210.00	0.00025
90.00	210.00	0.00024	100.00	210.00	0.00022
-100.00	220.00	0.00020	-90.00	220.00	0.00022
-80.00	220.00	0.00024	-70.00	220.00	0.00026
-60.00	220.00	0.00029	-50.00	220.00	0.00030
-40.00	220.00	0.00032	-30.00	220.00	0.00033
-25.00	220.00	0.00033	-20.00	220.00	0.00033
-17.00	220.00	0.00033	-15.00	220.00	0.00033
-13.00	220.00	0.00033	-11.00	220.00	0.00033
-9.00	220.00	0.00033	9.00	220.00	0.00032
11.00	220.00	0.00032	13.00	220.00	0.00031
15.00	220.00	0.00031	17.00	220.00	0.00031
20.00	220.00	0.00031	25.00	220.00	0.00030
30.00	220.00	0.00030	40.00	220.00	0.00028
50.00	220.00	0.00027	60.00	220.00	0.00026
70.00	220.00	0.00025	80.00	220.00	0.00024
90.00	220.00	0.00023	100.00	220.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 101

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00019	-90.00	230.00	0.00021
-80.00	230.00	0.00023	-70.00	230.00	0.00025
-60.00	230.00	0.00027	-50.00	230.00	0.00029
-40.00	230.00	0.00030	-30.00	230.00	0.00031
-25.00	230.00	0.00031	-20.00	230.00	0.00031
-17.00	230.00	0.00031	-15.00	230.00	0.00031

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	230.00	0.00031	-11.00	230.00	0.00031
-9.00	230.00	0.00031	9.00	230.00	0.00030
11.00	230.00	0.00030	13.00	230.00	0.00030
15.00	230.00	0.00029	17.00	230.00	0.00029
20.00	230.00	0.00029	25.00	230.00	0.00028
30.00	230.00	0.00028	40.00	230.00	0.00027
50.00	230.00	0.00026	60.00	230.00	0.00025
70.00	230.00	0.00024	80.00	230.00	0.00023
90.00	230.00	0.00022	100.00	230.00	0.00021
-100.00	240.00	0.00019	-90.00	240.00	0.00021
-80.00	240.00	0.00022	-70.00	240.00	0.00024
-60.00	240.00	0.00026	-50.00	240.00	0.00027
-40.00	240.00	0.00029	-30.00	240.00	0.00029
-25.00	240.00	0.00029	-20.00	240.00	0.00030
-17.00	240.00	0.00030	-15.00	240.00	0.00030
-13.00	240.00	0.00030	-11.00	240.00	0.00030
-9.00	240.00	0.00029	9.00	240.00	0.00028
11.00	240.00	0.00028	13.00	240.00	0.00028
15.00	240.00	0.00028	17.00	240.00	0.00028
20.00	240.00	0.00027	25.00	240.00	0.00027
30.00	240.00	0.00026	40.00	240.00	0.00025
50.00	240.00	0.00024	60.00	240.00	0.00024
70.00	240.00	0.00023	80.00	240.00	0.00022
90.00	240.00	0.00021	100.00	240.00	0.00020
-100.00	250.00	0.00018	-90.00	250.00	0.00020
-80.00	250.00	0.00022	-70.00	250.00	0.00023
-60.00	250.00	0.00025	-50.00	250.00	0.00026
-40.00	250.00	0.00027	-30.00	250.00	0.00028
-25.00	250.00	0.00028	-20.00	250.00	0.00028
-17.00	250.00	0.00028	-15.00	250.00	0.00028
-13.00	250.00	0.00028	-11.00	250.00	0.00028
-9.00	250.00	0.00028	9.00	250.00	0.00027
11.00	250.00	0.00027	13.00	250.00	0.00027
15.00	250.00	0.00026	17.00	250.00	0.00026

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 102
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S4
 *** INCLUDING SOURCE(S): NCRA_S4 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	250.00	0.00026	25.00	250.00	0.00025
30.00	250.00	0.00025	40.00	250.00	0.00024
50.00	250.00	0.00023	60.00	250.00	0.00022
70.00	250.00	0.00022	80.00	250.00	0.00021
90.00	250.00	0.00020	100.00	250.00	0.00019

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 103

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00117	-90.00	-250.00	0.00133
-80.00	-250.00	0.00151	-70.00	-250.00	0.00172
-60.00	-250.00	0.00196	-50.00	-250.00	0.00220
-40.00	-250.00	0.00244	-30.00	-250.00	0.00264
-25.00	-250.00	0.00273	-20.00	-250.00	0.00279
-17.00	-250.00	0.00280	-15.00	-250.00	0.00280
-13.00	-250.00	0.00279	-11.00	-250.00	0.00277
-9.00	-250.00	0.00273	9.00	-250.00	0.00171
11.00	-250.00	0.00158	13.00	-250.00	0.00145
15.00	-250.00	0.00133	17.00	-250.00	0.00123
20.00	-250.00	0.00110	25.00	-250.00	0.00092
30.00	-250.00	0.00079	40.00	-250.00	0.00061
50.00	-250.00	0.00048	60.00	-250.00	0.00040
70.00	-250.00	0.00033	80.00	-250.00	0.00028
90.00	-250.00	0.00024	100.00	-250.00	0.00021
-100.00	-240.00	0.00118	-90.00	-240.00	0.00136
-80.00	-240.00	0.00157	-70.00	-240.00	0.00182
-60.00	-240.00	0.00211	-50.00	-240.00	0.00244
-40.00	-240.00	0.00279	-30.00	-240.00	0.00313
-25.00	-240.00	0.00327	-20.00	-240.00	0.00337
-17.00	-240.00	0.00343	-15.00	-240.00	0.00345
-13.00	-240.00	0.00347	-11.00	-240.00	0.00346
-9.00	-240.00	0.00344	9.00	-240.00	0.00193
11.00	-240.00	0.00175	13.00	-240.00	0.00159
15.00	-240.00	0.00145	17.00	-240.00	0.00134
20.00	-240.00	0.00119	25.00	-240.00	0.00099
30.00	-240.00	0.00084	40.00	-240.00	0.00064
50.00	-240.00	0.00051	60.00	-240.00	0.00042
70.00	-240.00	0.00035	80.00	-240.00	0.00029

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-240.00	0.00025	100.00	-240.00	0.00021
-100.00	-230.00	0.00118	-90.00	-230.00	0.00136
-80.00	-230.00	0.00159	-70.00	-230.00	0.00186
-60.00	-230.00	0.00218	-50.00	-230.00	0.00257
-40.00	-230.00	0.00301	-30.00	-230.00	0.00349
-25.00	-230.00	0.00374	-20.00	-230.00	0.00399
-17.00	-230.00	0.00414	-15.00	-230.00	0.00423
-13.00	-230.00	0.00432	-11.00	-230.00	0.00442
-9.00	-230.00	0.00450	9.00	-230.00	0.00213
11.00	-230.00	0.00191	13.00	-230.00	0.00172
15.00	-230.00	0.00157	17.00	-230.00	0.00143

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 104
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00127	25.00	-230.00	0.00105
30.00	-230.00	0.00090	40.00	-230.00	0.00068
50.00	-230.00	0.00054	60.00	-230.00	0.00044
70.00	-230.00	0.00037	80.00	-230.00	0.00031
90.00	-230.00	0.00026	100.00	-230.00	0.00022
-100.00	-220.00	0.00114	-90.00	-220.00	0.00134
-80.00	-220.00	0.00157	-70.00	-220.00	0.00185
-60.00	-220.00	0.00219	-50.00	-220.00	0.00260
-40.00	-220.00	0.00308	-30.00	-220.00	0.00363
-25.00	-220.00	0.00392	-20.00	-220.00	0.00423
-17.00	-220.00	0.00443	-15.00	-220.00	0.00458
-13.00	-220.00	0.00474	-11.00	-220.00	0.00494
-9.00	-220.00	0.00520	9.00	-220.00	0.00250
11.00	-220.00	0.00219	13.00	-220.00	0.00195
15.00	-220.00	0.00177	17.00	-220.00	0.00161
20.00	-220.00	0.00142	25.00	-220.00	0.00117
30.00	-220.00	0.00100	40.00	-220.00	0.00076
50.00	-220.00	0.00060	60.00	-220.00	0.00049
70.00	-220.00	0.00040	80.00	-220.00	0.00033
90.00	-220.00	0.00028	100.00	-220.00	0.00024
-100.00	-210.00	0.00109	-90.00	-210.00	0.00128
-80.00	-210.00	0.00151	-70.00	-210.00	0.00180
-60.00	-210.00	0.00214	-50.00	-210.00	0.00256

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-210.00	0.00305	-30.00	-210.00	0.00362
-25.00	-210.00	0.00393	-20.00	-210.00	0.00427
-17.00	-210.00	0.00451	-15.00	-210.00	0.00468
-13.00	-210.00	0.00488	-11.00	-210.00	0.00515
-9.00	-210.00	0.00555	9.00	-210.00	0.00348
11.00	-210.00	0.00294	13.00	-210.00	0.00255
15.00	-210.00	0.00224	17.00	-210.00	0.00200
20.00	-210.00	0.00171	25.00	-210.00	0.00138
30.00	-210.00	0.00116	40.00	-210.00	0.00086
50.00	-210.00	0.00067	60.00	-210.00	0.00054
70.00	-210.00	0.00044	80.00	-210.00	0.00036
90.00	-210.00	0.00030	100.00	-210.00	0.00025
-100.00	-200.00	0.00101	-90.00	-200.00	0.00120
-80.00	-200.00	0.00142	-70.00	-200.00	0.00170
-60.00	-200.00	0.00204	-50.00	-200.00	0.00246
-40.00	-200.00	0.00295	-30.00	-200.00	0.00354
-25.00	-200.00	0.00387	-20.00	-200.00	0.00426

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 105

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00455	-15.00	-200.00	0.00479
-13.00	-200.00	0.00511	-11.00	-200.00	0.00554
-9.00	-200.00	0.00618	9.00	-200.00	0.00450
11.00	-200.00	0.00380	13.00	-200.00	0.00327
15.00	-200.00	0.00286	17.00	-200.00	0.00253
20.00	-200.00	0.00214	25.00	-200.00	0.00168
30.00	-200.00	0.00137	40.00	-200.00	0.00099
50.00	-200.00	0.00076	60.00	-200.00	0.00059
70.00	-200.00	0.00048	80.00	-200.00	0.00039
90.00	-200.00	0.00032	100.00	-200.00	0.00027
-100.00	-190.00	0.00091	-90.00	-190.00	0.00109
-80.00	-190.00	0.00130	-70.00	-190.00	0.00157
-60.00	-190.00	0.00190	-50.00	-190.00	0.00231
-40.00	-190.00	0.00280	-30.00	-190.00	0.00340
-25.00	-190.00	0.00376	-20.00	-190.00	0.00424
-17.00	-190.00	0.00463	-15.00	-190.00	0.00498
-13.00	-190.00	0.00543	-11.00	-190.00	0.00602

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-190.00	0.00682	9.00	-190.00	0.00530
11.00	-190.00	0.00451	13.00	-190.00	0.00390
15.00	-190.00	0.00342	17.00	-190.00	0.00303
20.00	-190.00	0.00256	25.00	-190.00	0.00201
30.00	-190.00	0.00163	40.00	-190.00	0.00114
50.00	-190.00	0.00085	60.00	-190.00	0.00065
70.00	-190.00	0.00052	80.00	-190.00	0.00042
90.00	-190.00	0.00035	100.00	-190.00	0.00030
-100.00	-180.00	0.00081	-90.00	-180.00	0.00096
-80.00	-180.00	0.00116	-70.00	-180.00	0.00141
-60.00	-180.00	0.00172	-50.00	-180.00	0.00211
-40.00	-180.00	0.00259	-30.00	-180.00	0.00320
-25.00	-180.00	0.00361	-20.00	-180.00	0.00420
-17.00	-180.00	0.00470	-15.00	-180.00	0.00514
-13.00	-180.00	0.00568	-11.00	-180.00	0.00637
-9.00	-180.00	0.00727	9.00	-180.00	0.00587
11.00	-180.00	0.00504	13.00	-180.00	0.00440
15.00	-180.00	0.00388	17.00	-180.00	0.00345
20.00	-180.00	0.00294	25.00	-180.00	0.00232
30.00	-180.00	0.00188	40.00	-180.00	0.00131
50.00	-180.00	0.00095	60.00	-180.00	0.00072
70.00	-180.00	0.00057	80.00	-180.00	0.00046
90.00	-180.00	0.00038	100.00	-180.00	0.00032

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 106

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00071	-90.00	-170.00	0.00084
-80.00	-170.00	0.00100	-70.00	-170.00	0.00121
-60.00	-170.00	0.00149	-50.00	-170.00	0.00185
-40.00	-170.00	0.00231	-30.00	-170.00	0.00295
-25.00	-170.00	0.00342	-20.00	-170.00	0.00410
-17.00	-170.00	0.00468	-15.00	-170.00	0.00517
-13.00	-170.00	0.00577	-11.00	-170.00	0.00652
-9.00	-170.00	0.00747	9.00	-170.00	0.00625
11.00	-170.00	0.00541	13.00	-170.00	0.00476
15.00	-170.00	0.00423	17.00	-170.00	0.00379
20.00	-170.00	0.00325	25.00	-170.00	0.00258

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	-170.00	0.00210	40.00	-170.00	0.00146
50.00	-170.00	0.00106	60.00	-170.00	0.00080
70.00	-170.00	0.00062	80.00	-170.00	0.00050
90.00	-170.00	0.00041	100.00	-170.00	0.00034
-100.00	-160.00	0.00062	-90.00	-160.00	0.00073
-80.00	-160.00	0.00086	-70.00	-160.00	0.00102
-60.00	-160.00	0.00124	-50.00	-160.00	0.00154
-40.00	-160.00	0.00197	-30.00	-160.00	0.00263
-25.00	-160.00	0.00314	-20.00	-160.00	0.00387
-17.00	-160.00	0.00449	-15.00	-160.00	0.00501
-13.00	-160.00	0.00564	-11.00	-160.00	0.00643
-9.00	-160.00	0.00741	9.00	-160.00	0.00647
11.00	-160.00	0.00565	13.00	-160.00	0.00501
15.00	-160.00	0.00449	17.00	-160.00	0.00405
20.00	-160.00	0.00349	25.00	-160.00	0.00279
30.00	-160.00	0.00228	40.00	-160.00	0.00159
50.00	-160.00	0.00117	60.00	-160.00	0.00088
70.00	-160.00	0.00068	80.00	-160.00	0.00054
90.00	-160.00	0.00044	100.00	-160.00	0.00037
-100.00	-150.00	0.00055	-90.00	-150.00	0.00063
-80.00	-150.00	0.00074	-70.00	-150.00	0.00087
-60.00	-150.00	0.00104	-50.00	-150.00	0.00126
-40.00	-150.00	0.00161	-30.00	-150.00	0.00222
-25.00	-150.00	0.00274	-20.00	-150.00	0.00350
-17.00	-150.00	0.00413	-15.00	-150.00	0.00465
-13.00	-150.00	0.00529	-11.00	-150.00	0.00607
-9.00	-150.00	0.00705	9.00	-150.00	0.00659
11.00	-150.00	0.00580	13.00	-150.00	0.00517
15.00	-150.00	0.00466	17.00	-150.00	0.00423

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 107
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00367	25.00	-150.00	0.00295
30.00	-150.00	0.00243	40.00	-150.00	0.00171
50.00	-150.00	0.00126	60.00	-150.00	0.00096
70.00	-150.00	0.00074	80.00	-150.00	0.00059
90.00	-150.00	0.00048	100.00	-150.00	0.00039

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	-140.00	0.00049	-90.00	-140.00	0.00056
-80.00	-140.00	0.00064	-70.00	-140.00	0.00075
-60.00	-140.00	0.00089	-50.00	-140.00	0.00107
-40.00	-140.00	0.00137	-30.00	-140.00	0.00191
-25.00	-140.00	0.00236	-20.00	-140.00	0.00303
-17.00	-140.00	0.00359	-15.00	-140.00	0.00407
-13.00	-140.00	0.00464	-11.00	-140.00	0.00536
-9.00	-140.00	0.00627	9.00	-140.00	0.00665
11.00	-140.00	0.00589	13.00	-140.00	0.00527
15.00	-140.00	0.00477	17.00	-140.00	0.00434
20.00	-140.00	0.00380	25.00	-140.00	0.00308
30.00	-140.00	0.00254	40.00	-140.00	0.00181
50.00	-140.00	0.00134	60.00	-140.00	0.00102
70.00	-140.00	0.00079	80.00	-140.00	0.00063
90.00	-140.00	0.00051	100.00	-140.00	0.00042
-100.00	-130.00	0.00044	-90.00	-130.00	0.00050
-80.00	-130.00	0.00057	-70.00	-130.00	0.00066
-60.00	-130.00	0.00078	-50.00	-130.00	0.00096
-40.00	-130.00	0.00125	-30.00	-130.00	0.00179
-25.00	-130.00	0.00223	-20.00	-130.00	0.00288
-17.00	-130.00	0.00341	-15.00	-130.00	0.00384
-13.00	-130.00	0.00435	-11.00	-130.00	0.00497
-9.00	-130.00	0.00573	9.00	-130.00	0.00644
11.00	-130.00	0.00578	13.00	-130.00	0.00522
15.00	-130.00	0.00474	17.00	-130.00	0.00433
20.00	-130.00	0.00381	25.00	-130.00	0.00311
30.00	-130.00	0.00258	40.00	-130.00	0.00185
50.00	-130.00	0.00138	60.00	-130.00	0.00105
70.00	-130.00	0.00083	80.00	-130.00	0.00066
90.00	-130.00	0.00053	100.00	-130.00	0.00044
-100.00	-120.00	0.00040	-90.00	-120.00	0.00045
-80.00	-120.00	0.00051	-70.00	-120.00	0.00060
-60.00	-120.00	0.00072	-50.00	-120.00	0.00089
-40.00	-120.00	0.00120	-30.00	-120.00	0.00176
-25.00	-120.00	0.00221	-20.00	-120.00	0.00285

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***
 16:57:07
 **MODELOPTs:
 PAGE 108
 CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

 INCLUDING SOURCE(S): NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***
 ** CONC OF OTHER IN MICROGRAMS/M**3 **

		05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00337	-15.00	-120.00	0.00379
-13.00	-120.00	0.00428	-11.00	-120.00	0.00484
-9.00	-120.00	0.00546	9.00	-120.00	0.00552
11.00	-120.00	0.00511	13.00	-120.00	0.00472
15.00	-120.00	0.00437	17.00	-120.00	0.00405
20.00	-120.00	0.00361	25.00	-120.00	0.00302
30.00	-120.00	0.00254	40.00	-120.00	0.00184
50.00	-120.00	0.00138	60.00	-120.00	0.00107
70.00	-120.00	0.00084	80.00	-120.00	0.00068
90.00	-120.00	0.00055	100.00	-120.00	0.00045
-100.00	-110.00	0.00037	-90.00	-110.00	0.00041
-80.00	-110.00	0.00047	-70.00	-110.00	0.00056
-60.00	-110.00	0.00067	-50.00	-110.00	0.00086
-40.00	-110.00	0.00117	-30.00	-110.00	0.00174
-25.00	-110.00	0.00219	-20.00	-110.00	0.00281
-17.00	-110.00	0.00329	-15.00	-110.00	0.00364
-13.00	-110.00	0.00402	-11.00	-110.00	0.00441
-9.00	-110.00	0.00479	9.00	-110.00	0.00454
11.00	-110.00	0.00429	13.00	-110.00	0.00404
15.00	-110.00	0.00380	17.00	-110.00	0.00357
20.00	-110.00	0.00326	25.00	-110.00	0.00279
30.00	-110.00	0.00240	40.00	-110.00	0.00180
50.00	-110.00	0.00137	60.00	-110.00	0.00107
70.00	-110.00	0.00085	80.00	-110.00	0.00069
90.00	-110.00	0.00056	100.00	-110.00	0.00046
-100.00	-100.00	0.00034	-90.00	-100.00	0.00039
-80.00	-100.00	0.00044	-70.00	-100.00	0.00052
-60.00	-100.00	0.00064	-50.00	-100.00	0.00083
-40.00	-100.00	0.00115	-30.00	-100.00	0.00172
-25.00	-100.00	0.00215	-20.00	-100.00	0.00269
-17.00	-100.00	0.00306	-15.00	-100.00	0.00332
-13.00	-100.00	0.00358	-11.00	-100.00	0.00382
-9.00	-100.00	0.00403	9.00	-100.00	0.00372
11.00	-100.00	0.00356	13.00	-100.00	0.00341
15.00	-100.00	0.00325	17.00	-100.00	0.00309
20.00	-100.00	0.00286	25.00	-100.00	0.00251
30.00	-100.00	0.00220	40.00	-100.00	0.00171
50.00	-100.00	0.00133	60.00	-100.00	0.00105
70.00	-100.00	0.00085	80.00	-100.00	0.00069
90.00	-100.00	0.00057	100.00	-100.00	0.00047

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
*** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00032	-90.00	-90.00	0.00036
-80.00	-90.00	0.00042	-70.00	-90.00	0.00050
-60.00	-90.00	0.00062	-50.00	-90.00	0.00082
-40.00	-90.00	0.00114	-30.00	-90.00	0.00168
-25.00	-90.00	0.00205	-20.00	-90.00	0.00249
-17.00	-90.00	0.00276	-15.00	-90.00	0.00293
-13.00	-90.00	0.00310	-11.00	-90.00	0.00324
-9.00	-90.00	0.00336	9.00	-90.00	0.00307
11.00	-90.00	0.00297	13.00	-90.00	0.00286
15.00	-90.00	0.00276	17.00	-90.00	0.00265
20.00	-90.00	0.00249	25.00	-90.00	0.00223
30.00	-90.00	0.00199	40.00	-90.00	0.00158
50.00	-90.00	0.00127	60.00	-90.00	0.00102
70.00	-90.00	0.00083	80.00	-90.00	0.00068
90.00	-90.00	0.00057	100.00	-90.00	0.00048
-100.00	-80.00	0.00030	-90.00	-80.00	0.00034
-80.00	-80.00	0.00040	-70.00	-80.00	0.00048
-60.00	-80.00	0.00060	-50.00	-80.00	0.00081
-40.00	-80.00	0.00113	-30.00	-80.00	0.00161
-25.00	-80.00	0.00192	-20.00	-80.00	0.00224
-17.00	-80.00	0.00243	-15.00	-80.00	0.00255
-13.00	-80.00	0.00265	-11.00	-80.00	0.00274
-9.00	-80.00	0.00281	9.00	-80.00	0.00257
11.00	-80.00	0.00249	13.00	-80.00	0.00242
15.00	-80.00	0.00235	17.00	-80.00	0.00227
20.00	-80.00	0.00216	25.00	-80.00	0.00197
30.00	-80.00	0.00179	40.00	-80.00	0.00145
50.00	-80.00	0.00119	60.00	-80.00	0.00098
70.00	-80.00	0.00081	80.00	-80.00	0.00067
90.00	-80.00	0.00057	100.00	-80.00	0.00048
-100.00	-70.00	0.00028	-90.00	-70.00	0.00032
-80.00	-70.00	0.00038	-70.00	-70.00	0.00047
-60.00	-70.00	0.00060	-50.00	-70.00	0.00080
-40.00	-70.00	0.00110	-30.00	-70.00	0.00152
-25.00	-70.00	0.00176	-20.00	-70.00	0.00200
-17.00	-70.00	0.00213	-15.00	-70.00	0.00221
-13.00	-70.00	0.00228	-11.00	-70.00	0.00233

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-70.00	0.00237	9.00	-70.00	0.00217
11.00	-70.00	0.00212	13.00	-70.00	0.00206
15.00	-70.00	0.00201	17.00	-70.00	0.00196

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 110
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00187	25.00	-70.00	0.00174
30.00	-70.00	0.00160	40.00	-70.00	0.00133
50.00	-70.00	0.00110	60.00	-70.00	0.00092
70.00	-70.00	0.00077	80.00	-70.00	0.00065
90.00	-70.00	0.00056	100.00	-70.00	0.00047
-100.00	-60.00	0.00027	-90.00	-60.00	0.00031
-80.00	-60.00	0.00037	-70.00	-60.00	0.00046
-60.00	-60.00	0.00059	-50.00	-60.00	0.00078
-40.00	-60.00	0.00106	-30.00	-60.00	0.00141
-25.00	-60.00	0.00160	-20.00	-60.00	0.00178
-17.00	-60.00	0.00187	-15.00	-60.00	0.00192
-13.00	-60.00	0.00196	-11.00	-60.00	0.00200
-9.00	-60.00	0.00202	9.00	-60.00	0.00186
11.00	-60.00	0.00182	13.00	-60.00	0.00178
15.00	-60.00	0.00174	17.00	-60.00	0.00170
20.00	-60.00	0.00163	25.00	-60.00	0.00153
30.00	-60.00	0.00143	40.00	-60.00	0.00122
50.00	-60.00	0.00102	60.00	-60.00	0.00086
70.00	-60.00	0.00073	80.00	-60.00	0.00063
90.00	-60.00	0.00054	100.00	-60.00	0.00047
-100.00	-50.00	0.00026	-90.00	-50.00	0.00030
-80.00	-50.00	0.00036	-70.00	-50.00	0.00045
-60.00	-50.00	0.00058	-50.00	-50.00	0.00077
-40.00	-50.00	0.00101	-30.00	-50.00	0.00130
-25.00	-50.00	0.00145	-20.00	-50.00	0.00158
-17.00	-50.00	0.00164	-15.00	-50.00	0.00168
-13.00	-50.00	0.00171	-11.00	-50.00	0.00173
-9.00	-50.00	0.00174	9.00	-50.00	0.00161
11.00	-50.00	0.00158	13.00	-50.00	0.00154
15.00	-50.00	0.00151	17.00	-50.00	0.00148
20.00	-50.00	0.00143	25.00	-50.00	0.00135

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	-50.00	0.00127	40.00	-50.00	0.00111
50.00	-50.00	0.00095	60.00	-50.00	0.00081
70.00	-50.00	0.00069	80.00	-50.00	0.00060
90.00	-50.00	0.00052	100.00	-50.00	0.00045
-100.00	-40.00	0.00025	-90.00	-40.00	0.00030
-80.00	-40.00	0.00036	-70.00	-40.00	0.00045
-60.00	-40.00	0.00058	-50.00	-40.00	0.00075
-40.00	-40.00	0.00096	-30.00	-40.00	0.00119
-25.00	-40.00	0.00130	-20.00	-40.00	0.00140

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 111

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.00145	-15.00	-40.00	0.00147
-13.00	-40.00	0.00149	-11.00	-40.00	0.00151
-9.00	-40.00	0.00152	9.00	-40.00	0.00140
11.00	-40.00	0.00138	13.00	-40.00	0.00135
15.00	-40.00	0.00133	17.00	-40.00	0.00130
20.00	-40.00	0.00127	25.00	-40.00	0.00120
30.00	-40.00	0.00114	40.00	-40.00	0.00101
50.00	-40.00	0.00088	60.00	-40.00	0.00076
70.00	-40.00	0.00065	80.00	-40.00	0.00057
90.00	-40.00	0.00050	100.00	-40.00	0.00044
-100.00	-30.00	0.00025	-90.00	-30.00	0.00029
-80.00	-30.00	0.00036	-70.00	-30.00	0.00044
-60.00	-30.00	0.00057	-50.00	-30.00	0.00072
-40.00	-30.00	0.00090	-30.00	-30.00	0.00109
-25.00	-30.00	0.00118	-20.00	-30.00	0.00125
-17.00	-30.00	0.00128	-15.00	-30.00	0.00130
-13.00	-30.00	0.00131	-11.00	-30.00	0.00132
-9.00	-30.00	0.00133	9.00	-30.00	0.00124
11.00	-30.00	0.00122	13.00	-30.00	0.00120
15.00	-30.00	0.00118	17.00	-30.00	0.00116
20.00	-30.00	0.00112	25.00	-30.00	0.00107
30.00	-30.00	0.00102	40.00	-30.00	0.00092
50.00	-30.00	0.00081	60.00	-30.00	0.00071
70.00	-30.00	0.00062	80.00	-30.00	0.00054
90.00	-30.00	0.00047	100.00	-30.00	0.00042

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	-20.00	0.00024	-90.00	-20.00	0.00029
-80.00	-20.00	0.00035	-70.00	-20.00	0.00044
-60.00	-20.00	0.00055	-50.00	-20.00	0.00069
-40.00	-20.00	0.00084	-30.00	-20.00	0.00100
-25.00	-20.00	0.00106	-20.00	-20.00	0.00112
-17.00	-20.00	0.00114	-15.00	-20.00	0.00116
-13.00	-20.00	0.00117	-11.00	-20.00	0.00117
-9.00	-20.00	0.00118	9.00	-20.00	0.00110
11.00	-20.00	0.00108	13.00	-20.00	0.00106
15.00	-20.00	0.00105	17.00	-20.00	0.00103
20.00	-20.00	0.00101	25.00	-20.00	0.00096
30.00	-20.00	0.00092	40.00	-20.00	0.00084
50.00	-20.00	0.00075	60.00	-20.00	0.00066
70.00	-20.00	0.00058	80.00	-20.00	0.00051
90.00	-20.00	0.00045	100.00	-20.00	0.00040

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 112

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00024	-90.00	-10.00	0.00029
-80.00	-10.00	0.00035	-70.00	-10.00	0.00043
-60.00	-10.00	0.00054	-50.00	-10.00	0.00066
-40.00	-10.00	0.00079	-30.00	-10.00	0.00091
-25.00	-10.00	0.00097	-20.00	-10.00	0.00101
-17.00	-10.00	0.00102	-15.00	-10.00	0.00103
-13.00	-10.00	0.00104	-11.00	-10.00	0.00104
-9.00	-10.00	0.00105	9.00	-10.00	0.00098
11.00	-10.00	0.00097	13.00	-10.00	0.00095
15.00	-10.00	0.00094	17.00	-10.00	0.00093
20.00	-10.00	0.00090	25.00	-10.00	0.00087
30.00	-10.00	0.00084	40.00	-10.00	0.00077
50.00	-10.00	0.00069	60.00	-10.00	0.00062
70.00	-10.00	0.00055	80.00	-10.00	0.00049
90.00	-10.00	0.00043	100.00	-10.00	0.00039
-100.00	0.00	0.00024	-90.00	0.00	0.00028
-80.00	0.00	0.00035	-70.00	0.00	0.00042
-60.00	0.00	0.00052	-50.00	0.00	0.00062
-40.00	0.00	0.00074	-30.00	0.00	0.00084

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	0.00	0.00088	-20.00	0.00	0.00091
-17.00	0.00	0.00092	-15.00	0.00	0.00093
-13.00	0.00	0.00093	-11.00	0.00	0.00094
-9.00	0.00	0.00094	9.00	0.00	0.00088
11.00	0.00	0.00087	13.00	0.00	0.00086
15.00	0.00	0.00085	17.00	0.00	0.00084
20.00	0.00	0.00082	25.00	0.00	0.00079
30.00	0.00	0.00076	40.00	0.00	0.00070
50.00	0.00	0.00064	60.00	0.00	0.00058
70.00	0.00	0.00052	80.00	0.00	0.00046
90.00	0.00	0.00041	100.00	0.00	0.00037
-100.00	10.00	0.00024	-90.00	10.00	0.00028
-80.00	10.00	0.00034	-70.00	10.00	0.00041
-60.00	10.00	0.00050	-50.00	10.00	0.00059
-40.00	10.00	0.00069	-30.00	10.00	0.00077
-25.00	10.00	0.00080	-20.00	10.00	0.00082
-17.00	10.00	0.00083	-15.00	10.00	0.00084
-13.00	10.00	0.00084	-11.00	10.00	0.00085
-9.00	10.00	0.00085	9.00	10.00	0.00080
11.00	10.00	0.00079	13.00	10.00	0.00078
15.00	10.00	0.00077	17.00	10.00	0.00076

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 113

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00074	25.00	10.00	0.00072
30.00	10.00	0.00069	40.00	10.00	0.00064
50.00	10.00	0.00059	60.00	10.00	0.00054
70.00	10.00	0.00049	80.00	10.00	0.00044
90.00	10.00	0.00039	100.00	10.00	0.00035
-100.00	20.00	0.00023	-90.00	20.00	0.00028
-80.00	20.00	0.00034	-70.00	20.00	0.00040
-60.00	20.00	0.00048	-50.00	20.00	0.00056
-40.00	20.00	0.00064	-30.00	20.00	0.00071
-25.00	20.00	0.00073	-20.00	20.00	0.00075
-17.00	20.00	0.00076	-15.00	20.00	0.00076
-13.00	20.00	0.00077	-11.00	20.00	0.00077
-9.00	20.00	0.00077	9.00	20.00	0.00072

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	20.00	0.00072	13.00	20.00	0.00071
15.00	20.00	0.00070	17.00	20.00	0.00069
20.00	20.00	0.00068	25.00	20.00	0.00066
30.00	20.00	0.00064	40.00	20.00	0.00059
50.00	20.00	0.00055	60.00	20.00	0.00051
70.00	20.00	0.00046	80.00	20.00	0.00042
90.00	20.00	0.00038	100.00	20.00	0.00034
-100.00	30.00	0.00023	-90.00	30.00	0.00028
-80.00	30.00	0.00033	-70.00	30.00	0.00039
-60.00	30.00	0.00046	-50.00	30.00	0.00053
-40.00	30.00	0.00060	-30.00	30.00	0.00065
-25.00	30.00	0.00067	-20.00	30.00	0.00069
-17.00	30.00	0.00069	-15.00	30.00	0.00070
-13.00	30.00	0.00070	-11.00	30.00	0.00070
-9.00	30.00	0.00070	9.00	30.00	0.00066
11.00	30.00	0.00065	13.00	30.00	0.00065
15.00	30.00	0.00064	17.00	30.00	0.00063
20.00	30.00	0.00062	25.00	30.00	0.00060
30.00	30.00	0.00058	40.00	30.00	0.00055
50.00	30.00	0.00051	60.00	30.00	0.00047
70.00	30.00	0.00044	80.00	30.00	0.00040
90.00	30.00	0.00036	100.00	30.00	0.00033
-100.00	40.00	0.00023	-90.00	40.00	0.00027
-80.00	40.00	0.00032	-70.00	40.00	0.00038
-60.00	40.00	0.00044	-50.00	40.00	0.00050
-40.00	40.00	0.00056	-30.00	40.00	0.00060
-25.00	40.00	0.00062	-20.00	40.00	0.00063

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 114
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.00064	-15.00	40.00	0.00064
-13.00	40.00	0.00064	-11.00	40.00	0.00064
-9.00	40.00	0.00064	9.00	40.00	0.00061
11.00	40.00	0.00060	13.00	40.00	0.00059
15.00	40.00	0.00059	17.00	40.00	0.00058
20.00	40.00	0.00057	25.00	40.00	0.00055
30.00	40.00	0.00054	40.00	40.00	0.00051

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	40.00	0.00048	60.00	40.00	0.00044
70.00	40.00	0.00041	80.00	40.00	0.00038
90.00	40.00	0.00034	100.00	40.00	0.00031
-100.00	50.00	0.00023	-90.00	50.00	0.00027
-80.00	50.00	0.00031	-70.00	50.00	0.00036
-60.00	50.00	0.00042	-50.00	50.00	0.00047
-40.00	50.00	0.00052	-30.00	50.00	0.00056
-25.00	50.00	0.00057	-20.00	50.00	0.00058
-17.00	50.00	0.00058	-15.00	50.00	0.00059
-13.00	50.00	0.00059	-11.00	50.00	0.00059
-9.00	50.00	0.00059	9.00	50.00	0.00056
11.00	50.00	0.00055	13.00	50.00	0.00055
15.00	50.00	0.00054	17.00	50.00	0.00054
20.00	50.00	0.00053	25.00	50.00	0.00051
30.00	50.00	0.00050	40.00	50.00	0.00047
50.00	50.00	0.00044	60.00	50.00	0.00042
70.00	50.00	0.00039	80.00	50.00	0.00036
90.00	50.00	0.00033	100.00	50.00	0.00030
-100.00	60.00	0.00023	-90.00	60.00	0.00026
-80.00	60.00	0.00030	-70.00	60.00	0.00035
-60.00	60.00	0.00040	-50.00	60.00	0.00045
-40.00	60.00	0.00049	-30.00	60.00	0.00052
-25.00	60.00	0.00053	-20.00	60.00	0.00054
-17.00	60.00	0.00054	-15.00	60.00	0.00054
-13.00	60.00	0.00054	-11.00	60.00	0.00054
-9.00	60.00	0.00054	9.00	60.00	0.00051
11.00	60.00	0.00051	13.00	60.00	0.00051
15.00	60.00	0.00050	17.00	60.00	0.00050
20.00	60.00	0.00049	25.00	60.00	0.00048
30.00	60.00	0.00046	40.00	60.00	0.00044
50.00	60.00	0.00042	60.00	60.00	0.00039
70.00	60.00	0.00037	80.00	60.00	0.00034
90.00	60.00	0.00031	100.00	60.00	0.00029

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 115
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00022	-90.00	70.00	0.00026

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	70.00	0.00030	-70.00	70.00	0.00034
-60.00	70.00	0.00038	-50.00	70.00	0.00042
-40.00	70.00	0.00046	-30.00	70.00	0.00048
-25.00	70.00	0.00049	-20.00	70.00	0.00050
-17.00	70.00	0.00050	-15.00	70.00	0.00050
-13.00	70.00	0.00050	-11.00	70.00	0.00050
-9.00	70.00	0.00050	9.00	70.00	0.00048
11.00	70.00	0.00047	13.00	70.00	0.00047
15.00	70.00	0.00046	17.00	70.00	0.00046
20.00	70.00	0.00045	25.00	70.00	0.00044
30.00	70.00	0.00043	40.00	70.00	0.00041
50.00	70.00	0.00039	60.00	70.00	0.00037
70.00	70.00	0.00034	80.00	70.00	0.00032
90.00	70.00	0.00030	100.00	70.00	0.00028
-100.00	80.00	0.00022	-90.00	80.00	0.00025
-80.00	80.00	0.00029	-70.00	80.00	0.00032
-60.00	80.00	0.00036	-50.00	80.00	0.00040
-40.00	80.00	0.00043	-30.00	80.00	0.00045
-25.00	80.00	0.00046	-20.00	80.00	0.00046
-17.00	80.00	0.00046	-15.00	80.00	0.00046
-13.00	80.00	0.00046	-11.00	80.00	0.00046
-9.00	80.00	0.00046	9.00	80.00	0.00044
11.00	80.00	0.00044	13.00	80.00	0.00044
15.00	80.00	0.00043	17.00	80.00	0.00043
20.00	80.00	0.00042	25.00	80.00	0.00041
30.00	80.00	0.00040	40.00	80.00	0.00038
50.00	80.00	0.00036	60.00	80.00	0.00035
70.00	80.00	0.00033	80.00	80.00	0.00031
90.00	80.00	0.00028	100.00	80.00	0.00026
-100.00	90.00	0.00021	-90.00	90.00	0.00024
-80.00	90.00	0.00028	-70.00	90.00	0.00031
-60.00	90.00	0.00034	-50.00	90.00	0.00038
-40.00	90.00	0.00040	-30.00	90.00	0.00042
-25.00	90.00	0.00043	-20.00	90.00	0.00043
-17.00	90.00	0.00043	-15.00	90.00	0.00043
-13.00	90.00	0.00043	-11.00	90.00	0.00043
-9.00	90.00	0.00043	9.00	90.00	0.00041
11.00	90.00	0.00041	13.00	90.00	0.00041
15.00	90.00	0.00040	17.00	90.00	0.00040

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 116

CONC

URBAN FLAT FLGPOL DFAULT

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00039	25.00	90.00	0.00039
30.00	90.00	0.00038	40.00	90.00	0.00036
50.00	90.00	0.00034	60.00	90.00	0.00033
70.00	90.00	0.00031	80.00	90.00	0.00029
90.00	90.00	0.00027	100.00	90.00	0.00025
-100.00	100.00	0.00021	-90.00	100.00	0.00024
-80.00	100.00	0.00027	-70.00	100.00	0.00030
-60.00	100.00	0.00033	-50.00	100.00	0.00036
-40.00	100.00	0.00038	-30.00	100.00	0.00039
-25.00	100.00	0.00040	-20.00	100.00	0.00040
-17.00	100.00	0.00040	-15.00	100.00	0.00040
-13.00	100.00	0.00040	-11.00	100.00	0.00040
-9.00	100.00	0.00040	9.00	100.00	0.00039
11.00	100.00	0.00038	13.00	100.00	0.00038
15.00	100.00	0.00038	17.00	100.00	0.00037
20.00	100.00	0.00037	25.00	100.00	0.00036
30.00	100.00	0.00035	40.00	100.00	0.00034
50.00	100.00	0.00032	60.00	100.00	0.00031
70.00	100.00	0.00029	80.00	100.00	0.00028
90.00	100.00	0.00026	100.00	100.00	0.00024
-100.00	110.00	0.00021	-90.00	110.00	0.00023
-80.00	110.00	0.00026	-70.00	110.00	0.00029
-60.00	110.00	0.00031	-50.00	110.00	0.00034
-40.00	110.00	0.00036	-30.00	110.00	0.00037
-25.00	110.00	0.00037	-20.00	110.00	0.00038
-17.00	110.00	0.00038	-15.00	110.00	0.00038
-13.00	110.00	0.00038	-11.00	110.00	0.00038
-9.00	110.00	0.00038	9.00	110.00	0.00036
11.00	110.00	0.00036	13.00	110.00	0.00036
15.00	110.00	0.00035	17.00	110.00	0.00035
20.00	110.00	0.00035	25.00	110.00	0.00034
30.00	110.00	0.00033	40.00	110.00	0.00032
50.00	110.00	0.00030	60.00	110.00	0.00029
70.00	110.00	0.00028	80.00	110.00	0.00026
90.00	110.00	0.00025	100.00	110.00	0.00023
-100.00	120.00	0.00020	-90.00	120.00	0.00023
-80.00	120.00	0.00025	-70.00	120.00	0.00028
-60.00	120.00	0.00030	-50.00	120.00	0.00032
-40.00	120.00	0.00034	-30.00	120.00	0.00035

-25.00 120.00 0.00035 -20.00 120.00 0.00035

1 *** ISCST3 - VERSION 02035 *** 04/20/08
 *** NCRA Cumulative DPM Impacts ***
 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 117
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.00035	-15.00	120.00	0.00035
-13.00	120.00	0.00035	-11.00	120.00	0.00035
-9.00	120.00	0.00035	9.00	120.00	0.00034
11.00	120.00	0.00034	13.00	120.00	0.00033
15.00	120.00	0.00033	17.00	120.00	0.00033
20.00	120.00	0.00033	25.00	120.00	0.00032
30.00	120.00	0.00031	40.00	120.00	0.00030
50.00	120.00	0.00029	60.00	120.00	0.00028
70.00	120.00	0.00026	80.00	120.00	0.00025
90.00	120.00	0.00024	100.00	120.00	0.00022
-100.00	130.00	0.00020	-90.00	130.00	0.00022
-80.00	130.00	0.00024	-70.00	130.00	0.00026
-60.00	130.00	0.00029	-50.00	130.00	0.00030
-40.00	130.00	0.00032	-30.00	130.00	0.00033
-25.00	130.00	0.00033	-20.00	130.00	0.00033
-17.00	130.00	0.00033	-15.00	130.00	0.00033
-13.00	130.00	0.00033	-11.00	130.00	0.00033
-9.00	130.00	0.00033	9.00	130.00	0.00032
11.00	130.00	0.00032	13.00	130.00	0.00031
15.00	130.00	0.00031	17.00	130.00	0.00031
20.00	130.00	0.00031	25.00	130.00	0.00030
30.00	130.00	0.00030	40.00	130.00	0.00028
50.00	130.00	0.00027	60.00	130.00	0.00026
70.00	130.00	0.00025	80.00	130.00	0.00024
90.00	130.00	0.00023	100.00	130.00	0.00021
-100.00	140.00	0.00019	-90.00	140.00	0.00021
-80.00	140.00	0.00023	-70.00	140.00	0.00025
-60.00	140.00	0.00027	-50.00	140.00	0.00029
-40.00	140.00	0.00030	-30.00	140.00	0.00031
-25.00	140.00	0.00031	-20.00	140.00	0.00031
-17.00	140.00	0.00031	-15.00	140.00	0.00031
-13.00	140.00	0.00031	-11.00	140.00	0.00031
-9.00	140.00	0.00031	9.00	140.00	0.00030

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	140.00	0.00030	13.00	140.00	0.00030
15.00	140.00	0.00029	17.00	140.00	0.00029
20.00	140.00	0.00029	25.00	140.00	0.00028
30.00	140.00	0.00028	40.00	140.00	0.00027
50.00	140.00	0.00026	60.00	140.00	0.00025
70.00	140.00	0.00024	80.00	140.00	0.00023
90.00	140.00	0.00022	100.00	140.00	0.00021

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 118

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S) : NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00019	-90.00	150.00	0.00021
-80.00	150.00	0.00022	-70.00	150.00	0.00024
-60.00	150.00	0.00026	-50.00	150.00	0.00027
-40.00	150.00	0.00029	-30.00	150.00	0.00029
-25.00	150.00	0.00029	-20.00	150.00	0.00030
-17.00	150.00	0.00030	-15.00	150.00	0.00030
-13.00	150.00	0.00030	-11.00	150.00	0.00030
-9.00	150.00	0.00029	9.00	150.00	0.00028
11.00	150.00	0.00028	13.00	150.00	0.00028
15.00	150.00	0.00028	17.00	150.00	0.00028
20.00	150.00	0.00027	25.00	150.00	0.00027
30.00	150.00	0.00026	40.00	150.00	0.00025
50.00	150.00	0.00024	60.00	150.00	0.00024
70.00	150.00	0.00023	80.00	150.00	0.00022
90.00	150.00	0.00021	100.00	150.00	0.00020
-100.00	160.00	0.00018	-90.00	160.00	0.00020
-80.00	160.00	0.00022	-70.00	160.00	0.00023
-60.00	160.00	0.00025	-50.00	160.00	0.00026
-40.00	160.00	0.00027	-30.00	160.00	0.00028
-25.00	160.00	0.00028	-20.00	160.00	0.00028
-17.00	160.00	0.00028	-15.00	160.00	0.00028
-13.00	160.00	0.00028	-11.00	160.00	0.00028
-9.00	160.00	0.00028	9.00	160.00	0.00027
11.00	160.00	0.00027	13.00	160.00	0.00027
15.00	160.00	0.00026	17.00	160.00	0.00026
20.00	160.00	0.00026	25.00	160.00	0.00025
30.00	160.00	0.00025	40.00	160.00	0.00024

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	160.00	0.00023	60.00	160.00	0.00022
70.00	160.00	0.00022	80.00	160.00	0.00021
90.00	160.00	0.00020	100.00	160.00	0.00019
-100.00	170.00	0.00018	-90.00	170.00	0.00019
-80.00	170.00	0.00021	-70.00	170.00	0.00022
-60.00	170.00	0.00024	-50.00	170.00	0.00025
-40.00	170.00	0.00026	-30.00	170.00	0.00026
-25.00	170.00	0.00026	-20.00	170.00	0.00027
-17.00	170.00	0.00027	-15.00	170.00	0.00026
-13.00	170.00	0.00026	-11.00	170.00	0.00026
-9.00	170.00	0.00026	9.00	170.00	0.00025
11.00	170.00	0.00025	13.00	170.00	0.00025
15.00	170.00	0.00025	17.00	170.00	0.00025

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 119

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00025	25.00	170.00	0.00024
30.00	170.00	0.00024	40.00	170.00	0.00023
50.00	170.00	0.00022	60.00	170.00	0.00021
70.00	170.00	0.00021	80.00	170.00	0.00020
90.00	170.00	0.00019	100.00	170.00	0.00018
-100.00	180.00	0.00017	-90.00	180.00	0.00019
-80.00	180.00	0.00020	-70.00	180.00	0.00022
-60.00	180.00	0.00023	-50.00	180.00	0.00024
-40.00	180.00	0.00025	-30.00	180.00	0.00025
-25.00	180.00	0.00025	-20.00	180.00	0.00025
-17.00	180.00	0.00025	-15.00	180.00	0.00025
-13.00	180.00	0.00025	-11.00	180.00	0.00025
-9.00	180.00	0.00025	9.00	180.00	0.00024
11.00	180.00	0.00024	13.00	180.00	0.00024
15.00	180.00	0.00024	17.00	180.00	0.00024
20.00	180.00	0.00023	25.00	180.00	0.00023
30.00	180.00	0.00023	40.00	180.00	0.00022
50.00	180.00	0.00021	60.00	180.00	0.00020
70.00	180.00	0.00020	80.00	180.00	0.00019
90.00	180.00	0.00018	100.00	180.00	0.00017
-100.00	190.00	0.00017	-90.00	190.00	0.00018

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-80.00	190.00	0.00019	-70.00	190.00	0.00021
-60.00	190.00	0.00022	-50.00	190.00	0.00023
-40.00	190.00	0.00023	-30.00	190.00	0.00024
-25.00	190.00	0.00024	-20.00	190.00	0.00024
-17.00	190.00	0.00024	-15.00	190.00	0.00024
-13.00	190.00	0.00024	-11.00	190.00	0.00024
-9.00	190.00	0.00024	9.00	190.00	0.00023
11.00	190.00	0.00023	13.00	190.00	0.00023
15.00	190.00	0.00023	17.00	190.00	0.00022
20.00	190.00	0.00022	25.00	190.00	0.00022
30.00	190.00	0.00022	40.00	190.00	0.00021
50.00	190.00	0.00020	60.00	190.00	0.00019
70.00	190.00	0.00019	80.00	190.00	0.00018
90.00	190.00	0.00017	100.00	190.00	0.00017
-100.00	200.00	0.00016	-90.00	200.00	0.00018
-80.00	200.00	0.00019	-70.00	200.00	0.00020
-60.00	200.00	0.00021	-50.00	200.00	0.00022
-40.00	200.00	0.00022	-30.00	200.00	0.00023
-25.00	200.00	0.00023	-20.00	200.00	0.00023

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 120

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00023	-15.00	200.00	0.00023
-13.00	200.00	0.00023	-11.00	200.00	0.00023
-9.00	200.00	0.00023	9.00	200.00	0.00022
11.00	200.00	0.00022	13.00	200.00	0.00022
15.00	200.00	0.00021	17.00	200.00	0.00021
20.00	200.00	0.00021	25.00	200.00	0.00021
30.00	200.00	0.00021	40.00	200.00	0.00020
50.00	200.00	0.00019	60.00	200.00	0.00019
70.00	200.00	0.00018	80.00	200.00	0.00017
90.00	200.00	0.00017	100.00	200.00	0.00016
-100.00	210.00	0.00016	-90.00	210.00	0.00017
-80.00	210.00	0.00018	-70.00	210.00	0.00019
-60.00	210.00	0.00020	-50.00	210.00	0.00021
-40.00	210.00	0.00021	-30.00	210.00	0.00022
-25.00	210.00	0.00022	-20.00	210.00	0.00022

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-17.00	210.00	0.00022	-15.00	210.00	0.00022
-13.00	210.00	0.00022	-11.00	210.00	0.00022
-9.00	210.00	0.00022	9.00	210.00	0.00021
11.00	210.00	0.00021	13.00	210.00	0.00021
15.00	210.00	0.00020	17.00	210.00	0.00020
20.00	210.00	0.00020	25.00	210.00	0.00020
30.00	210.00	0.00020	40.00	210.00	0.00019
50.00	210.00	0.00018	60.00	210.00	0.00018
70.00	210.00	0.00017	80.00	210.00	0.00017
90.00	210.00	0.00016	100.00	210.00	0.00016
-100.00	220.00	0.00015	-90.00	220.00	0.00016
-80.00	220.00	0.00017	-70.00	220.00	0.00018
-60.00	220.00	0.00019	-50.00	220.00	0.00020
-40.00	220.00	0.00020	-30.00	220.00	0.00021
-25.00	220.00	0.00021	-20.00	220.00	0.00021
-17.00	220.00	0.00021	-15.00	220.00	0.00021
-13.00	220.00	0.00021	-11.00	220.00	0.00021
-9.00	220.00	0.00021	9.00	220.00	0.00020
11.00	220.00	0.00020	13.00	220.00	0.00020
15.00	220.00	0.00020	17.00	220.00	0.00019
20.00	220.00	0.00019	25.00	220.00	0.00019
30.00	220.00	0.00019	40.00	220.00	0.00018
50.00	220.00	0.00018	60.00	220.00	0.00017
70.00	220.00	0.00017	80.00	220.00	0.00016
90.00	220.00	0.00015	100.00	220.00	0.00015

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 121

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5

INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00015	-90.00	230.00	0.00016
-80.00	230.00	0.00017	-70.00	230.00	0.00018
-60.00	230.00	0.00018	-50.00	230.00	0.00019
-40.00	230.00	0.00019	-30.00	230.00	0.00020
-25.00	230.00	0.00020	-20.00	230.00	0.00020
-17.00	230.00	0.00020	-15.00	230.00	0.00020
-13.00	230.00	0.00020	-11.00	230.00	0.00020
-9.00	230.00	0.00020	9.00	230.00	0.00019
11.00	230.00	0.00019	13.00	230.00	0.00019

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

15.00	230.00	0.00019	17.00	230.00	0.00019
20.00	230.00	0.00018	25.00	230.00	0.00018
30.00	230.00	0.00018	40.00	230.00	0.00017
50.00	230.00	0.00017	60.00	230.00	0.00016
70.00	230.00	0.00016	80.00	230.00	0.00015
90.00	230.00	0.00015	100.00	230.00	0.00014
-100.00	240.00	0.00015	-90.00	240.00	0.00015
-80.00	240.00	0.00016	-70.00	240.00	0.00017
-60.00	240.00	0.00018	-50.00	240.00	0.00018
-40.00	240.00	0.00019	-30.00	240.00	0.00019
-25.00	240.00	0.00019	-20.00	240.00	0.00019
-17.00	240.00	0.00019	-15.00	240.00	0.00019
-13.00	240.00	0.00019	-11.00	240.00	0.00019
-9.00	240.00	0.00019	9.00	240.00	0.00018
11.00	240.00	0.00018	13.00	240.00	0.00018
15.00	240.00	0.00018	17.00	240.00	0.00018
20.00	240.00	0.00018	25.00	240.00	0.00017
30.00	240.00	0.00017	40.00	240.00	0.00017
50.00	240.00	0.00016	60.00	240.00	0.00016
70.00	240.00	0.00015	80.00	240.00	0.00015
90.00	240.00	0.00014	100.00	240.00	0.00014
-100.00	250.00	0.00014	-90.00	250.00	0.00015
-80.00	250.00	0.00016	-70.00	250.00	0.00016
-60.00	250.00	0.00017	-50.00	250.00	0.00018
-40.00	250.00	0.00018	-30.00	250.00	0.00018
-25.00	250.00	0.00018	-20.00	250.00	0.00018
-17.00	250.00	0.00018	-15.00	250.00	0.00018
-13.00	250.00	0.00018	-11.00	250.00	0.00018
-9.00	250.00	0.00018	9.00	250.00	0.00017
11.00	250.00	0.00017	13.00	250.00	0.00017
15.00	250.00	0.00017	17.00	250.00	0.00017

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 122

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA_S5
 *** INCLUDING SOURCE(S): NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00017	25.00	250.00	0.00017
30.00	250.00	0.00016	40.00	250.00	0.00016
50.00	250.00	0.00016	60.00	250.00	0.00015

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

70.00 250.00 0.00015 80.00 250.00 0.00014
 90.00 250.00 0.00014 100.00 250.00 0.00013

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 123
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-250.00	0.00233	-90.00	-250.00	0.00252
-80.00	-250.00	0.00273	-70.00	-250.00	0.00296
-60.00	-250.00	0.00321	-50.00	-250.00	0.00345
-40.00	-250.00	0.00368	-30.00	-250.00	0.00386
-25.00	-250.00	0.00392	-20.00	-250.00	0.00396
-17.00	-250.00	0.00396	-15.00	-250.00	0.00395
-13.00	-250.00	0.00393	-11.00	-250.00	0.00389
-9.00	-250.00	0.00384	9.00	-250.00	0.00268
11.00	-250.00	0.00252	13.00	-250.00	0.00238
15.00	-250.00	0.00225	17.00	-250.00	0.00213
20.00	-250.00	0.00197	25.00	-250.00	0.00175
30.00	-250.00	0.00158	40.00	-250.00	0.00130
50.00	-250.00	0.00110	60.00	-250.00	0.00095
70.00	-250.00	0.00082	80.00	-250.00	0.00072
90.00	-250.00	0.00064	100.00	-250.00	0.00057
-100.00	-240.00	0.00243	-90.00	-240.00	0.00265
-80.00	-240.00	0.00289	-70.00	-240.00	0.00317
-60.00	-240.00	0.00348	-50.00	-240.00	0.00381
-40.00	-240.00	0.00416	-30.00	-240.00	0.00446
-25.00	-240.00	0.00459	-20.00	-240.00	0.00467
-17.00	-240.00	0.00470	-15.00	-240.00	0.00472
-13.00	-240.00	0.00472	-11.00	-240.00	0.00470
-9.00	-240.00	0.00466	9.00	-240.00	0.00299
11.00	-240.00	0.00278	13.00	-240.00	0.00260
15.00	-240.00	0.00245	17.00	-240.00	0.00231
20.00	-240.00	0.00213	25.00	-240.00	0.00188
30.00	-240.00	0.00168	40.00	-240.00	0.00138
50.00	-240.00	0.00116	60.00	-240.00	0.00099
70.00	-240.00	0.00086	80.00	-240.00	0.00075
90.00	-240.00	0.00066	100.00	-240.00	0.00059
-100.00	-230.00	0.00252	-90.00	-230.00	0.00275
-80.00	-230.00	0.00302	-70.00	-230.00	0.00333

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-60.00	-230.00	0.00368	-50.00	-230.00	0.00408
-40.00	-230.00	0.00452	-30.00	-230.00	0.00498
-25.00	-230.00	0.00521	-20.00	-230.00	0.00543
-17.00	-230.00	0.00556	-15.00	-230.00	0.00564
-13.00	-230.00	0.00571	-11.00	-230.00	0.00579
-9.00	-230.00	0.00586	9.00	-230.00	0.00329
11.00	-230.00	0.00304	13.00	-230.00	0.00283
15.00	-230.00	0.00265	17.00	-230.00	0.00249

1 *** ICSST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 124
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-230.00	0.00229	25.00	-230.00	0.00202
30.00	-230.00	0.00180	40.00	-230.00	0.00147
50.00	-230.00	0.00123	60.00	-230.00	0.00105
70.00	-230.00	0.00090	80.00	-230.00	0.00079
90.00	-230.00	0.00069	100.00	-230.00	0.00062
-100.00	-220.00	0.00259	-90.00	-220.00	0.00284
-80.00	-220.00	0.00313	-70.00	-220.00	0.00346
-60.00	-220.00	0.00384	-50.00	-220.00	0.00428
-40.00	-220.00	0.00477	-30.00	-220.00	0.00529
-25.00	-220.00	0.00556	-20.00	-220.00	0.00585
-17.00	-220.00	0.00603	-15.00	-220.00	0.00616
-13.00	-220.00	0.00630	-11.00	-220.00	0.00648
-9.00	-220.00	0.00672	9.00	-220.00	0.00378
11.00	-220.00	0.00344	13.00	-220.00	0.00317
15.00	-220.00	0.00296	17.00	-220.00	0.00277
20.00	-220.00	0.00253	25.00	-220.00	0.00222
30.00	-220.00	0.00197	40.00	-220.00	0.00159
50.00	-220.00	0.00132	60.00	-220.00	0.00112
70.00	-220.00	0.00096	80.00	-220.00	0.00083
90.00	-220.00	0.00073	100.00	-220.00	0.00065
-100.00	-210.00	0.00265	-90.00	-210.00	0.00291
-80.00	-210.00	0.00321	-70.00	-210.00	0.00356
-60.00	-210.00	0.00396	-50.00	-210.00	0.00443
-40.00	-210.00	0.00494	-30.00	-210.00	0.00550
-25.00	-210.00	0.00579	-20.00	-210.00	0.00610
-17.00	-210.00	0.00631	-15.00	-210.00	0.00646

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-13.00	-210.00	0.00664	-11.00	-210.00	0.00689
-9.00	-210.00	0.00726	9.00	-210.00	0.00490
11.00	-210.00	0.00432	13.00	-210.00	0.00389
15.00	-210.00	0.00355	17.00	-210.00	0.00327
20.00	-210.00	0.00293	25.00	-210.00	0.00251
30.00	-210.00	0.00220	40.00	-210.00	0.00175
50.00	-210.00	0.00144	60.00	-210.00	0.00121
70.00	-210.00	0.00103	80.00	-210.00	0.00089
90.00	-210.00	0.00077	100.00	-210.00	0.00068
-100.00	-200.00	0.00270	-90.00	-200.00	0.00297
-80.00	-200.00	0.00328	-70.00	-200.00	0.00364
-60.00	-200.00	0.00406	-50.00	-200.00	0.00454
-40.00	-200.00	0.00508	-30.00	-200.00	0.00568
-25.00	-200.00	0.00599	-20.00	-200.00	0.00634

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 125

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-200.00	0.00661	-15.00	-200.00	0.00683
-13.00	-200.00	0.00712	-11.00	-200.00	0.00753
-9.00	-200.00	0.00814	9.00	-200.00	0.00608
11.00	-200.00	0.00534	13.00	-200.00	0.00477
15.00	-200.00	0.00431	17.00	-200.00	0.00393
20.00	-200.00	0.00347	25.00	-200.00	0.00291
30.00	-200.00	0.00249	40.00	-200.00	0.00193
50.00	-200.00	0.00156	60.00	-200.00	0.00130
70.00	-200.00	0.00110	80.00	-200.00	0.00094
90.00	-200.00	0.00082	100.00	-200.00	0.00072
-100.00	-190.00	0.00274	-90.00	-190.00	0.00302
-80.00	-190.00	0.00334	-70.00	-190.00	0.00371
-60.00	-190.00	0.00415	-50.00	-190.00	0.00465
-40.00	-190.00	0.00521	-30.00	-190.00	0.00584
-25.00	-190.00	0.00619	-20.00	-190.00	0.00664
-17.00	-190.00	0.00701	-15.00	-190.00	0.00733
-13.00	-190.00	0.00775	-11.00	-190.00	0.00831
-9.00	-190.00	0.00908	9.00	-190.00	0.00708
11.00	-190.00	0.00624	13.00	-190.00	0.00557
15.00	-190.00	0.00503	17.00	-190.00	0.00458

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

20.00	-190.00	0.00402	25.00	-190.00	0.00334
30.00	-190.00	0.00283	40.00	-190.00	0.00215
50.00	-190.00	0.00171	60.00	-190.00	0.00140
70.00	-190.00	0.00117	80.00	-190.00	0.00100
90.00	-190.00	0.00087	100.00	-190.00	0.00076
-100.00	-180.00	0.00278	-90.00	-180.00	0.00306
-80.00	-180.00	0.00339	-70.00	-180.00	0.00378
-60.00	-180.00	0.00422	-50.00	-180.00	0.00474
-40.00	-180.00	0.00532	-30.00	-180.00	0.00601
-25.00	-180.00	0.00643	-20.00	-180.00	0.00700
-17.00	-180.00	0.00747	-15.00	-180.00	0.00788
-13.00	-180.00	0.00840	-11.00	-180.00	0.00905
-9.00	-180.00	0.00991	9.00	-180.00	0.00789
11.00	-180.00	0.00699	13.00	-180.00	0.00626
15.00	-180.00	0.00566	17.00	-180.00	0.00515
20.00	-180.00	0.00453	25.00	-180.00	0.00375
30.00	-180.00	0.00317	40.00	-180.00	0.00238
50.00	-180.00	0.00187	60.00	-180.00	0.00151
70.00	-180.00	0.00126	80.00	-180.00	0.00106
90.00	-180.00	0.00091	100.00	-180.00	0.00080

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 126

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-170.00	0.00281	-90.00	-170.00	0.00310
-80.00	-170.00	0.00344	-70.00	-170.00	0.00383
-60.00	-170.00	0.00429	-50.00	-170.00	0.00482
-40.00	-170.00	0.00543	-30.00	-170.00	0.00619
-25.00	-170.00	0.00669	-20.00	-170.00	0.00737
-17.00	-170.00	0.00794	-15.00	-170.00	0.00840
-13.00	-170.00	0.00898	-11.00	-170.00	0.00969
-9.00	-170.00	0.01060	9.00	-170.00	0.00854
11.00	-170.00	0.00759	13.00	-170.00	0.00684
15.00	-170.00	0.00620	17.00	-170.00	0.00566
20.00	-170.00	0.00498	25.00	-170.00	0.00412
30.00	-170.00	0.00349	40.00	-170.00	0.00261
50.00	-170.00	0.00203	60.00	-170.00	0.00163
70.00	-170.00	0.00134	80.00	-170.00	0.00113

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-170.00	0.00097	100.00	-170.00	0.00084
-100.00	-160.00	0.00284	-90.00	-160.00	0.00314
-80.00	-160.00	0.00348	-70.00	-160.00	0.00388
-60.00	-160.00	0.00435	-50.00	-160.00	0.00489
-40.00	-160.00	0.00555	-30.00	-160.00	0.00639
-25.00	-160.00	0.00696	-20.00	-160.00	0.00774
-17.00	-160.00	0.00836	-15.00	-160.00	0.00887
-13.00	-160.00	0.00948	-11.00	-160.00	0.01022
-9.00	-160.00	0.01116	9.00	-160.00	0.00906
11.00	-160.00	0.00808	13.00	-160.00	0.00731
15.00	-160.00	0.00665	17.00	-160.00	0.00609
20.00	-160.00	0.00538	25.00	-160.00	0.00446
30.00	-160.00	0.00377	40.00	-160.00	0.00282
50.00	-160.00	0.00220	60.00	-160.00	0.00176
70.00	-160.00	0.00144	80.00	-160.00	0.00120
90.00	-160.00	0.00102	100.00	-160.00	0.00088
-100.00	-150.00	0.00287	-90.00	-150.00	0.00317
-80.00	-150.00	0.00352	-70.00	-150.00	0.00392
-60.00	-150.00	0.00440	-50.00	-150.00	0.00497
-40.00	-150.00	0.00566	-30.00	-150.00	0.00659
-25.00	-150.00	0.00723	-20.00	-150.00	0.00807
-17.00	-150.00	0.00873	-15.00	-150.00	0.00927
-13.00	-150.00	0.00991	-11.00	-150.00	0.01067
-9.00	-150.00	0.01161	9.00	-150.00	0.00949
11.00	-150.00	0.00849	13.00	-150.00	0.00769
15.00	-150.00	0.00702	17.00	-150.00	0.00645

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 127

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-150.00	0.00571	25.00	-150.00	0.00475
30.00	-150.00	0.00403	40.00	-150.00	0.00301
50.00	-150.00	0.00235	60.00	-150.00	0.00188
70.00	-150.00	0.00153	80.00	-150.00	0.00127
90.00	-150.00	0.00108	100.00	-150.00	0.00092
-100.00	-140.00	0.00289	-90.00	-140.00	0.00319
-80.00	-140.00	0.00355	-70.00	-140.00	0.00396
-60.00	-140.00	0.00445	-50.00	-140.00	0.00504

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-140.00	0.00578	-30.00	-140.00	0.00678
-25.00	-140.00	0.00746	-20.00	-140.00	0.00836
-17.00	-140.00	0.00905	-15.00	-140.00	0.00960
-13.00	-140.00	0.01025	-11.00	-140.00	0.01105
-9.00	-140.00	0.01202	9.00	-140.00	0.00985
11.00	-140.00	0.00883	13.00	-140.00	0.00801
15.00	-140.00	0.00733	17.00	-140.00	0.00674
20.00	-140.00	0.00600	25.00	-140.00	0.00501
30.00	-140.00	0.00426	40.00	-140.00	0.00319
50.00	-140.00	0.00249	60.00	-140.00	0.00199
70.00	-140.00	0.00163	80.00	-140.00	0.00135
90.00	-140.00	0.00114	100.00	-140.00	0.00097
-100.00	-130.00	0.00290	-90.00	-130.00	0.00321
-80.00	-130.00	0.00357	-70.00	-130.00	0.00400
-60.00	-130.00	0.00450	-50.00	-130.00	0.00512
-40.00	-130.00	0.00590	-30.00	-130.00	0.00696
-25.00	-130.00	0.00768	-20.00	-130.00	0.00861
-17.00	-130.00	0.00933	-15.00	-130.00	0.00989
-13.00	-130.00	0.01055	-11.00	-130.00	0.01135
-9.00	-130.00	0.01234	9.00	-130.00	0.01012
11.00	-130.00	0.00912	13.00	-130.00	0.00829
15.00	-130.00	0.00760	17.00	-130.00	0.00700
20.00	-130.00	0.00624	25.00	-130.00	0.00524
30.00	-130.00	0.00446	40.00	-130.00	0.00336
50.00	-130.00	0.00262	60.00	-130.00	0.00210
70.00	-130.00	0.00171	80.00	-130.00	0.00142
90.00	-130.00	0.00120	100.00	-130.00	0.00102
-100.00	-120.00	0.00292	-90.00	-120.00	0.00323
-80.00	-120.00	0.00360	-70.00	-120.00	0.00403
-60.00	-120.00	0.00455	-50.00	-120.00	0.00519
-40.00	-120.00	0.00602	-30.00	-120.00	0.00713
-25.00	-120.00	0.00788	-20.00	-120.00	0.00884

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 128
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-120.00	0.00957	-15.00	-120.00	0.01014
-13.00	-120.00	0.01081	-11.00	-120.00	0.01162

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	-120.00	0.01261	9.00	-120.00	0.01032
11.00	-120.00	0.00933	13.00	-120.00	0.00851
15.00	-120.00	0.00782	17.00	-120.00	0.00722
20.00	-120.00	0.00645	25.00	-120.00	0.00543
30.00	-120.00	0.00464	40.00	-120.00	0.00350
50.00	-120.00	0.00274	60.00	-120.00	0.00219
70.00	-120.00	0.00179	80.00	-120.00	0.00149
90.00	-120.00	0.00125	100.00	-120.00	0.00107
-100.00	-110.00	0.00293	-90.00	-110.00	0.00325
-80.00	-110.00	0.00362	-70.00	-110.00	0.00406
-60.00	-110.00	0.00460	-50.00	-110.00	0.00527
-40.00	-110.00	0.00613	-30.00	-110.00	0.00729
-25.00	-110.00	0.00805	-20.00	-110.00	0.00903
-17.00	-110.00	0.00977	-15.00	-110.00	0.01035
-13.00	-110.00	0.01103	-11.00	-110.00	0.01182
-9.00	-110.00	0.01281	9.00	-110.00	0.01052
11.00	-110.00	0.00952	13.00	-110.00	0.00870
15.00	-110.00	0.00800	17.00	-110.00	0.00740
20.00	-110.00	0.00663	25.00	-110.00	0.00560
30.00	-110.00	0.00480	40.00	-110.00	0.00364
50.00	-110.00	0.00284	60.00	-110.00	0.00228
70.00	-110.00	0.00187	80.00	-110.00	0.00155
90.00	-110.00	0.00131	100.00	-110.00	0.00112
-100.00	-100.00	0.00294	-90.00	-100.00	0.00326
-80.00	-100.00	0.00364	-70.00	-100.00	0.00409
-60.00	-100.00	0.00465	-50.00	-100.00	0.00534
-40.00	-100.00	0.00623	-30.00	-100.00	0.00742
-25.00	-100.00	0.00821	-20.00	-100.00	0.00920
-17.00	-100.00	0.00994	-15.00	-100.00	0.01053
-13.00	-100.00	0.01121	-11.00	-100.00	0.01201
-9.00	-100.00	0.01299	9.00	-100.00	0.01069
11.00	-100.00	0.00969	13.00	-100.00	0.00886
15.00	-100.00	0.00816	17.00	-100.00	0.00756
20.00	-100.00	0.00678	25.00	-100.00	0.00574
30.00	-100.00	0.00493	40.00	-100.00	0.00376
50.00	-100.00	0.00295	60.00	-100.00	0.00237
70.00	-100.00	0.00194	80.00	-100.00	0.00161
90.00	-100.00	0.00136	100.00	-100.00	0.00116

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTS:
 PAGE 129

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-90.00	0.00294	-90.00	-90.00	0.00327
-80.00	-90.00	0.00366	-70.00	-90.00	0.00412
-60.00	-90.00	0.00469	-50.00	-90.00	0.00541
-40.00	-90.00	0.00632	-30.00	-90.00	0.00755
-25.00	-90.00	0.00835	-20.00	-90.00	0.00935
-17.00	-90.00	0.01010	-15.00	-90.00	0.01068
-13.00	-90.00	0.01136	-11.00	-90.00	0.01216
-9.00	-90.00	0.01314	9.00	-90.00	0.01084
11.00	-90.00	0.00984	13.00	-90.00	0.00901
15.00	-90.00	0.00830	17.00	-90.00	0.00769
20.00	-90.00	0.00691	25.00	-90.00	0.00587
30.00	-90.00	0.00505	40.00	-90.00	0.00386
50.00	-90.00	0.00304	60.00	-90.00	0.00244
70.00	-90.00	0.00200	80.00	-90.00	0.00167
90.00	-90.00	0.00141	100.00	-90.00	0.00120
-100.00	-80.00	0.00295	-90.00	-80.00	0.00328
-80.00	-80.00	0.00368	-70.00	-80.00	0.00415
-60.00	-80.00	0.00474	-50.00	-80.00	0.00547
-40.00	-80.00	0.00641	-30.00	-80.00	0.00766
-25.00	-80.00	0.00847	-20.00	-80.00	0.00948
-17.00	-80.00	0.01023	-15.00	-80.00	0.01081
-13.00	-80.00	0.01149	-11.00	-80.00	0.01230
-9.00	-80.00	0.01327	9.00	-80.00	0.01098
11.00	-80.00	0.00996	13.00	-80.00	0.00913
15.00	-80.00	0.00842	17.00	-80.00	0.00781
20.00	-80.00	0.00702	25.00	-80.00	0.00598
30.00	-80.00	0.00516	40.00	-80.00	0.00395
50.00	-80.00	0.00312	60.00	-80.00	0.00251
70.00	-80.00	0.00206	80.00	-80.00	0.00172
90.00	-80.00	0.00145	100.00	-80.00	0.00124
-100.00	-70.00	0.00295	-90.00	-70.00	0.00329
-80.00	-70.00	0.00369	-70.00	-70.00	0.00418
-60.00	-70.00	0.00478	-50.00	-70.00	0.00553
-40.00	-70.00	0.00649	-30.00	-70.00	0.00775
-25.00	-70.00	0.00857	-20.00	-70.00	0.00959
-17.00	-70.00	0.01034	-15.00	-70.00	0.01093
-13.00	-70.00	0.01161	-11.00	-70.00	0.01241
-9.00	-70.00	0.01339	9.00	-70.00	0.01110
11.00	-70.00	0.01007	13.00	-70.00	0.00924
15.00	-70.00	0.00853	17.00	-70.00	0.00792

1 *** ISCST3 - VERSION 02035 ***
04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:

PAGE 130

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	-70.00	0.00713	25.00	-70.00	0.00607
30.00	-70.00	0.00525	40.00	-70.00	0.00404
50.00	-70.00	0.00319	60.00	-70.00	0.00258
70.00	-70.00	0.00212	80.00	-70.00	0.00177
90.00	-70.00	0.00150	100.00	-70.00	0.00128
-100.00	-60.00	0.00295	-90.00	-60.00	0.00330
-80.00	-60.00	0.00371	-70.00	-60.00	0.00420
-60.00	-60.00	0.00482	-50.00	-60.00	0.00558
-40.00	-60.00	0.00655	-30.00	-60.00	0.00783
-25.00	-60.00	0.00866	-20.00	-60.00	0.00968
-17.00	-60.00	0.01044	-15.00	-60.00	0.01104
-13.00	-60.00	0.01171	-11.00	-60.00	0.01251
-9.00	-60.00	0.01349	9.00	-60.00	0.01121
11.00	-60.00	0.01017	13.00	-60.00	0.00933
15.00	-60.00	0.00862	17.00	-60.00	0.00801
20.00	-60.00	0.00722	25.00	-60.00	0.00616
30.00	-60.00	0.00533	40.00	-60.00	0.00411
50.00	-60.00	0.00326	60.00	-60.00	0.00264
70.00	-60.00	0.00217	80.00	-60.00	0.00181
90.00	-60.00	0.00154	100.00	-60.00	0.00132
-100.00	-50.00	0.00295	-90.00	-50.00	0.00330
-80.00	-50.00	0.00372	-70.00	-50.00	0.00423
-60.00	-50.00	0.00485	-50.00	-50.00	0.00563
-40.00	-50.00	0.00661	-30.00	-50.00	0.00790
-25.00	-50.00	0.00874	-20.00	-50.00	0.00977
-17.00	-50.00	0.01052	-15.00	-50.00	0.01111
-13.00	-50.00	0.01179	-11.00	-50.00	0.01262
-9.00	-50.00	0.01361	9.00	-50.00	0.01131
11.00	-50.00	0.01026	13.00	-50.00	0.00940
15.00	-50.00	0.00870	17.00	-50.00	0.00808
20.00	-50.00	0.00729	25.00	-50.00	0.00623
30.00	-50.00	0.00540	40.00	-50.00	0.00418
50.00	-50.00	0.00332	60.00	-50.00	0.00269
70.00	-50.00	0.00222	80.00	-50.00	0.00186

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

90.00	-50.00	0.00157	100.00	-50.00	0.00135
-100.00	-40.00	0.00295	-90.00	-40.00	0.00331
-80.00	-40.00	0.00373	-70.00	-40.00	0.00425
-60.00	-40.00	0.00488	-50.00	-40.00	0.00567
-40.00	-40.00	0.00667	-30.00	-40.00	0.00797
-25.00	-40.00	0.00880	-20.00	-40.00	0.00983

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 131

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	-40.00	0.01059	-15.00	-40.00	0.01118
-13.00	-40.00	0.01186	-11.00	-40.00	0.01268
-9.00	-40.00	0.01368	9.00	-40.00	0.01136
11.00	-40.00	0.01034	13.00	-40.00	0.00949
15.00	-40.00	0.00878	17.00	-40.00	0.00816
20.00	-40.00	0.00736	25.00	-40.00	0.00630
30.00	-40.00	0.00546	40.00	-40.00	0.00423
50.00	-40.00	0.00337	60.00	-40.00	0.00274
70.00	-40.00	0.00226	80.00	-40.00	0.00189
90.00	-40.00	0.00161	100.00	-40.00	0.00138
-100.00	-30.00	0.00295	-90.00	-30.00	0.00331
-80.00	-30.00	0.00374	-70.00	-30.00	0.00426
-60.00	-30.00	0.00491	-50.00	-30.00	0.00571
-40.00	-30.00	0.00671	-30.00	-30.00	0.00803
-25.00	-30.00	0.00886	-20.00	-30.00	0.00989
-17.00	-30.00	0.01066	-15.00	-30.00	0.01125
-13.00	-30.00	0.01194	-11.00	-30.00	0.01276
-9.00	-30.00	0.01376	9.00	-30.00	0.01139
11.00	-30.00	0.01038	13.00	-30.00	0.00955
15.00	-30.00	0.00883	17.00	-30.00	0.00821
20.00	-30.00	0.00742	25.00	-30.00	0.00635
30.00	-30.00	0.00552	40.00	-30.00	0.00428
50.00	-30.00	0.00342	60.00	-30.00	0.00278
70.00	-30.00	0.00230	80.00	-30.00	0.00193
90.00	-30.00	0.00164	100.00	-30.00	0.00141
-100.00	-20.00	0.00294	-90.00	-20.00	0.00331
-80.00	-20.00	0.00374	-70.00	-20.00	0.00428
-60.00	-20.00	0.00493	-50.00	-20.00	0.00574

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-40.00	-20.00	0.00675	-30.00	-20.00	0.00807
-25.00	-20.00	0.00891	-20.00	-20.00	0.00995
-17.00	-20.00	0.01071	-15.00	-20.00	0.01131
-13.00	-20.00	0.01199	-11.00	-20.00	0.01280
-9.00	-20.00	0.01380	9.00	-20.00	0.01144
11.00	-20.00	0.01043	13.00	-20.00	0.00959
15.00	-20.00	0.00888	17.00	-20.00	0.00826
20.00	-20.00	0.00747	25.00	-20.00	0.00640
30.00	-20.00	0.00556	40.00	-20.00	0.00433
50.00	-20.00	0.00346	60.00	-20.00	0.00282
70.00	-20.00	0.00234	80.00	-20.00	0.00196
90.00	-20.00	0.00167	100.00	-20.00	0.00143

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

16:57:07

**MODELOPTs:

PAGE 132

CONC

URBAN FLAT FLGPOL DFAULT

*** Maximum train overlap at North/South Bound Direction ***

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

*** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	-10.00	0.00293	-90.00	-10.00	0.00330
-80.00	-10.00	0.00375	-70.00	-10.00	0.00428
-60.00	-10.00	0.00494	-50.00	-10.00	0.00576
-40.00	-10.00	0.00678	-30.00	-10.00	0.00811
-25.00	-10.00	0.00895	-20.00	-10.00	0.00999
-17.00	-10.00	0.01075	-15.00	-10.00	0.01135
-13.00	-10.00	0.01203	-11.00	-10.00	0.01284
-9.00	-10.00	0.01383	9.00	-10.00	0.01148
11.00	-10.00	0.01047	13.00	-10.00	0.00963
15.00	-10.00	0.00892	17.00	-10.00	0.00830
20.00	-10.00	0.00751	25.00	-10.00	0.00644
30.00	-10.00	0.00560	40.00	-10.00	0.00437
50.00	-10.00	0.00350	60.00	-10.00	0.00286
70.00	-10.00	0.00237	80.00	-10.00	0.00199
90.00	-10.00	0.00170	100.00	-10.00	0.00146
-100.00	0.00	0.00292	-90.00	0.00	0.00329
-80.00	0.00	0.00374	-70.00	0.00	0.00429
-60.00	0.00	0.00495	-50.00	0.00	0.00578
-40.00	0.00	0.00681	-30.00	0.00	0.00814
-25.00	0.00	0.00898	-20.00	0.00	0.01002
-17.00	0.00	0.01079	-15.00	0.00	0.01138
-13.00	0.00	0.01207	-11.00	0.00	0.01288

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-9.00	0.00	0.01385	9.00	0.00	0.01152
11.00	0.00	0.01051	13.00	0.00	0.00967
15.00	0.00	0.00895	17.00	0.00	0.00833
20.00	0.00	0.00754	25.00	0.00	0.00648
30.00	0.00	0.00564	40.00	0.00	0.00440
50.00	0.00	0.00353	60.00	0.00	0.00289
70.00	0.00	0.00240	80.00	0.00	0.00202
90.00	0.00	0.00172	100.00	0.00	0.00148
-100.00	10.00	0.00291	-90.00	10.00	0.00328
-80.00	10.00	0.00374	-70.00	10.00	0.00429
-60.00	10.00	0.00496	-50.00	10.00	0.00579
-40.00	10.00	0.00682	-30.00	10.00	0.00816
-25.00	10.00	0.00901	-20.00	10.00	0.01005
-17.00	10.00	0.01081	-15.00	10.00	0.01141
-13.00	10.00	0.01209	-11.00	10.00	0.01290
-9.00	10.00	0.01388	9.00	10.00	0.01156
11.00	10.00	0.01054	13.00	10.00	0.00970
15.00	10.00	0.00898	17.00	10.00	0.00836

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 133
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	10.00	0.00757	25.00	10.00	0.00650
30.00	10.00	0.00567	40.00	10.00	0.00443
50.00	10.00	0.00356	60.00	10.00	0.00291
70.00	10.00	0.00242	80.00	10.00	0.00204
90.00	10.00	0.00174	100.00	10.00	0.00150
-100.00	20.00	0.00289	-90.00	20.00	0.00327
-80.00	20.00	0.00373	-70.00	20.00	0.00428
-60.00	20.00	0.00496	-50.00	20.00	0.00579
-40.00	20.00	0.00684	-30.00	20.00	0.00818
-25.00	20.00	0.00903	-20.00	20.00	0.01007
-17.00	20.00	0.01083	-15.00	20.00	0.01142
-13.00	20.00	0.01211	-11.00	20.00	0.01291
-9.00	20.00	0.01390	9.00	20.00	0.01159
11.00	20.00	0.01056	13.00	20.00	0.00972
15.00	20.00	0.00901	17.00	20.00	0.00839
20.00	20.00	0.00759	25.00	20.00	0.00652

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	20.00	0.00569	40.00	20.00	0.00445
50.00	20.00	0.00358	60.00	20.00	0.00294
70.00	20.00	0.00245	80.00	20.00	0.00207
90.00	20.00	0.00177	100.00	20.00	0.00152
-100.00	30.00	0.00287	-90.00	30.00	0.00325
-80.00	30.00	0.00371	-70.00	30.00	0.00427
-60.00	30.00	0.00495	-50.00	30.00	0.00579
-40.00	30.00	0.00683	-30.00	30.00	0.00818
-25.00	30.00	0.00903	-20.00	30.00	0.01007
-17.00	30.00	0.01085	-15.00	30.00	0.01144
-13.00	30.00	0.01213	-11.00	30.00	0.01293
-9.00	30.00	0.01390	9.00	30.00	0.01162
11.00	30.00	0.01058	13.00	30.00	0.00973
15.00	30.00	0.00902	17.00	30.00	0.00840
20.00	30.00	0.00761	25.00	30.00	0.00654
30.00	30.00	0.00570	40.00	30.00	0.00447
50.00	30.00	0.00360	60.00	30.00	0.00296
70.00	30.00	0.00247	80.00	30.00	0.00209
90.00	30.00	0.00178	100.00	30.00	0.00154
-100.00	40.00	0.00284	-90.00	40.00	0.00323
-80.00	40.00	0.00369	-70.00	40.00	0.00425
-60.00	40.00	0.00494	-50.00	40.00	0.00578
-40.00	40.00	0.00683	-30.00	40.00	0.00817
-25.00	40.00	0.00903	-20.00	40.00	0.01008

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 134
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	40.00	0.01084	-15.00	40.00	0.01143
-13.00	40.00	0.01212	-11.00	40.00	0.01295
-9.00	40.00	0.01394	9.00	40.00	0.01165
11.00	40.00	0.01060	13.00	40.00	0.00974
15.00	40.00	0.00903	17.00	40.00	0.00841
20.00	40.00	0.00762	25.00	40.00	0.00655
30.00	40.00	0.00571	40.00	40.00	0.00448
50.00	40.00	0.00361	60.00	40.00	0.00297
70.00	40.00	0.00248	80.00	40.00	0.00210
90.00	40.00	0.00180	100.00	40.00	0.00156

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	50.00	0.00281	-90.00	50.00	0.00320
-80.00	50.00	0.00366	-70.00	50.00	0.00423
-60.00	50.00	0.00492	-50.00	50.00	0.00576
-40.00	50.00	0.00682	-30.00	50.00	0.00817
-25.00	50.00	0.00902	-20.00	50.00	0.01006
-17.00	50.00	0.01083	-15.00	50.00	0.01143
-13.00	50.00	0.01211	-11.00	50.00	0.01294
-9.00	50.00	0.01394	9.00	50.00	0.01163
11.00	50.00	0.01061	13.00	50.00	0.00976
15.00	50.00	0.00904	17.00	50.00	0.00842
20.00	50.00	0.00762	25.00	50.00	0.00656
30.00	50.00	0.00572	40.00	50.00	0.00449
50.00	50.00	0.00362	60.00	50.00	0.00298
70.00	50.00	0.00250	80.00	50.00	0.00212
90.00	50.00	0.00182	100.00	50.00	0.00157
-100.00	60.00	0.00278	-90.00	60.00	0.00316
-80.00	60.00	0.00363	-70.00	60.00	0.00420
-60.00	60.00	0.00489	-50.00	60.00	0.00574
-40.00	60.00	0.00679	-30.00	60.00	0.00815
-25.00	60.00	0.00900	-20.00	60.00	0.01005
-17.00	60.00	0.01082	-15.00	60.00	0.01142
-13.00	60.00	0.01211	-11.00	60.00	0.01293
-9.00	60.00	0.01394	9.00	60.00	0.01158
11.00	60.00	0.01058	13.00	60.00	0.00975
15.00	60.00	0.00903	17.00	60.00	0.00841
20.00	60.00	0.00762	25.00	60.00	0.00656
30.00	60.00	0.00572	40.00	60.00	0.00449
50.00	60.00	0.00363	60.00	60.00	0.00299
70.00	60.00	0.00251	80.00	60.00	0.00213
90.00	60.00	0.00183	100.00	60.00	0.00158

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 135

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **					
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	70.00	0.00274	-90.00	70.00	0.00312
-80.00	70.00	0.00359	-70.00	70.00	0.00416
-60.00	70.00	0.00485	-50.00	70.00	0.00570
-40.00	70.00	0.00676	-30.00	70.00	0.00812

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	70.00	0.00897	-20.00	70.00	0.01002
-17.00	70.00	0.01080	-15.00	70.00	0.01140
-13.00	70.00	0.01209	-11.00	70.00	0.01290
-9.00	70.00	0.01390	9.00	70.00	0.01157
11.00	70.00	0.01056	13.00	70.00	0.00973
15.00	70.00	0.00902	17.00	70.00	0.00840
20.00	70.00	0.00761	25.00	70.00	0.00655
30.00	70.00	0.00572	40.00	70.00	0.00449
50.00	70.00	0.00363	60.00	70.00	0.00300
70.00	70.00	0.00252	80.00	70.00	0.00214
90.00	70.00	0.00184	100.00	70.00	0.00160
-100.00	80.00	0.00269	-90.00	80.00	0.00308
-80.00	80.00	0.00354	-70.00	80.00	0.00411
-60.00	80.00	0.00481	-50.00	80.00	0.00566
-40.00	80.00	0.00672	-30.00	80.00	0.00808
-25.00	80.00	0.00893	-20.00	80.00	0.00998
-17.00	80.00	0.01076	-15.00	80.00	0.01136
-13.00	80.00	0.01205	-11.00	80.00	0.01286
-9.00	80.00	0.01386	9.00	80.00	0.01154
11.00	80.00	0.01054	13.00	80.00	0.00971
15.00	80.00	0.00900	17.00	80.00	0.00838
20.00	80.00	0.00759	25.00	80.00	0.00653
30.00	80.00	0.00570	40.00	80.00	0.00448
50.00	80.00	0.00363	60.00	80.00	0.00300
70.00	80.00	0.00252	80.00	80.00	0.00215
90.00	80.00	0.00185	100.00	80.00	0.00161
-100.00	90.00	0.00264	-90.00	90.00	0.00302
-80.00	90.00	0.00349	-70.00	90.00	0.00405
-60.00	90.00	0.00475	-50.00	90.00	0.00560
-40.00	90.00	0.00666	-30.00	90.00	0.00802
-25.00	90.00	0.00888	-20.00	90.00	0.00994
-17.00	90.00	0.01071	-15.00	90.00	0.01131
-13.00	90.00	0.01200	-11.00	90.00	0.01282
-9.00	90.00	0.01380	9.00	90.00	0.01152
11.00	90.00	0.01051	13.00	90.00	0.00968
15.00	90.00	0.00897	17.00	90.00	0.00835

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 136

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 *** INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound
 ** CONC OF OTHER IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	90.00	0.00756	25.00	90.00	0.00651
30.00	90.00	0.00569	40.00	90.00	0.00447
50.00	90.00	0.00363	60.00	90.00	0.00300
70.00	90.00	0.00253	80.00	90.00	0.00215
90.00	90.00	0.00186	100.00	90.00	0.00161
-100.00	100.00	0.00258	-90.00	100.00	0.00296
-80.00	100.00	0.00342	-70.00	100.00	0.00398
-60.00	100.00	0.00468	-50.00	100.00	0.00553
-40.00	100.00	0.00659	-30.00	100.00	0.00796
-25.00	100.00	0.00882	-20.00	100.00	0.00987
-17.00	100.00	0.01065	-15.00	100.00	0.01125
-13.00	100.00	0.01194	-11.00	100.00	0.01275
-9.00	100.00	0.01374	9.00	100.00	0.01149
11.00	100.00	0.01047	13.00	100.00	0.00964
15.00	100.00	0.00893	17.00	100.00	0.00832
20.00	100.00	0.00753	25.00	100.00	0.00648
30.00	100.00	0.00566	40.00	100.00	0.00446
50.00	100.00	0.00362	60.00	100.00	0.00300
70.00	100.00	0.00253	80.00	100.00	0.00216
90.00	100.00	0.00186	100.00	100.00	0.00162
-100.00	110.00	0.00251	-90.00	110.00	0.00289
-80.00	110.00	0.00335	-70.00	110.00	0.00390
-60.00	110.00	0.00459	-50.00	110.00	0.00544
-40.00	110.00	0.00651	-30.00	110.00	0.00787
-25.00	110.00	0.00873	-20.00	110.00	0.00979
-17.00	110.00	0.01057	-15.00	110.00	0.01117
-13.00	110.00	0.01186	-11.00	110.00	0.01267
-9.00	110.00	0.01366	9.00	110.00	0.01144
11.00	110.00	0.01042	13.00	110.00	0.00959
15.00	110.00	0.00889	17.00	110.00	0.00827
20.00	110.00	0.00749	25.00	110.00	0.00644
30.00	110.00	0.00563	40.00	110.00	0.00444
50.00	110.00	0.00361	60.00	110.00	0.00300
70.00	110.00	0.00253	80.00	110.00	0.00216
90.00	110.00	0.00186	100.00	110.00	0.00162
-100.00	120.00	0.00244	-90.00	120.00	0.00281
-80.00	120.00	0.00326	-70.00	120.00	0.00381
-60.00	120.00	0.00449	-50.00	120.00	0.00534
-40.00	120.00	0.00640	-30.00	120.00	0.00776
-25.00	120.00	0.00863	-20.00	120.00	0.00969

1 *** ISCST3 - VERSION 02035 ***
 04/20/08

*** NCRA Cumulative DPM Impacts

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTS:
PAGE 137

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	120.00	0.01047	-15.00	120.00	0.01108
-13.00	120.00	0.01177	-11.00	120.00	0.01258
-9.00	120.00	0.01357	9.00	120.00	0.01139
11.00	120.00	0.01036	13.00	120.00	0.00952
15.00	120.00	0.00882	17.00	120.00	0.00822
20.00	120.00	0.00744	25.00	120.00	0.00640
30.00	120.00	0.00559	40.00	120.00	0.00442
50.00	120.00	0.00359	60.00	120.00	0.00299
70.00	120.00	0.00252	80.00	120.00	0.00216
90.00	120.00	0.00186	100.00	120.00	0.00162
-100.00	130.00	0.00235	-90.00	130.00	0.00272
-80.00	130.00	0.00316	-70.00	130.00	0.00370
-60.00	130.00	0.00438	-50.00	130.00	0.00521
-40.00	130.00	0.00627	-30.00	130.00	0.00763
-25.00	130.00	0.00850	-20.00	130.00	0.00956
-17.00	130.00	0.01034	-15.00	130.00	0.01094
-13.00	130.00	0.01164	-11.00	130.00	0.01248
-9.00	130.00	0.01348	9.00	130.00	0.01132
11.00	130.00	0.01029	13.00	130.00	0.00944
15.00	130.00	0.00875	17.00	130.00	0.00815
20.00	130.00	0.00738	25.00	130.00	0.00635
30.00	130.00	0.00555	40.00	130.00	0.00439
50.00	130.00	0.00358	60.00	130.00	0.00298
70.00	130.00	0.00252	80.00	130.00	0.00215
90.00	130.00	0.00186	100.00	130.00	0.00162
-100.00	140.00	0.00225	-90.00	140.00	0.00261
-80.00	140.00	0.00305	-70.00	140.00	0.00358
-60.00	140.00	0.00424	-50.00	140.00	0.00506
-40.00	140.00	0.00611	-30.00	140.00	0.00747
-25.00	140.00	0.00834	-20.00	140.00	0.00940
-17.00	140.00	0.01018	-15.00	140.00	0.01079
-13.00	140.00	0.01149	-11.00	140.00	0.01232
-9.00	140.00	0.01334	9.00	140.00	0.01120
11.00	140.00	0.01020	13.00	140.00	0.00937
15.00	140.00	0.00867	17.00	140.00	0.00807
20.00	140.00	0.00731	25.00	140.00	0.00629

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

30.00	140.00	0.00550	40.00	140.00	0.00436
50.00	140.00	0.00356	60.00	140.00	0.00296
70.00	140.00	0.00251	80.00	140.00	0.00214
90.00	140.00	0.00185	100.00	140.00	0.00162

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 138
 CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	150.00	0.00214	-90.00	150.00	0.00249
-80.00	150.00	0.00291	-70.00	150.00	0.00343
-60.00	150.00	0.00408	-50.00	150.00	0.00489
-40.00	150.00	0.00592	-30.00	150.00	0.00728
-25.00	150.00	0.00814	-20.00	150.00	0.00921
-17.00	150.00	0.00999	-15.00	150.00	0.01061
-13.00	150.00	0.01131	-11.00	150.00	0.01215
-9.00	150.00	0.01317	9.00	150.00	0.01104
11.00	150.00	0.01006	13.00	150.00	0.00925
15.00	150.00	0.00856	17.00	150.00	0.00797
20.00	150.00	0.00722	25.00	150.00	0.00622
30.00	150.00	0.00544	40.00	150.00	0.00432
50.00	150.00	0.00353	60.00	150.00	0.00294
70.00	150.00	0.00249	80.00	150.00	0.00213
90.00	150.00	0.00184	100.00	150.00	0.00161
-100.00	160.00	0.00202	-90.00	160.00	0.00235
-80.00	160.00	0.00276	-70.00	160.00	0.00327
-60.00	160.00	0.00390	-50.00	160.00	0.00469
-40.00	160.00	0.00570	-30.00	160.00	0.00704
-25.00	160.00	0.00790	-20.00	160.00	0.00897
-17.00	160.00	0.00975	-15.00	160.00	0.01037
-13.00	160.00	0.01108	-11.00	160.00	0.01191
-9.00	160.00	0.01293	9.00	160.00	0.01088
11.00	160.00	0.00991	13.00	160.00	0.00911
15.00	160.00	0.00844	17.00	160.00	0.00785
20.00	160.00	0.00711	25.00	160.00	0.00614
30.00	160.00	0.00538	40.00	160.00	0.00428
50.00	160.00	0.00350	60.00	160.00	0.00292
70.00	160.00	0.00247	80.00	160.00	0.00212
90.00	160.00	0.00184	100.00	160.00	0.00161

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-100.00	170.00	0.00189	-90.00	170.00	0.00220
-80.00	170.00	0.00259	-70.00	170.00	0.00308
-60.00	170.00	0.00368	-50.00	170.00	0.00445
-40.00	170.00	0.00543	-30.00	170.00	0.00674
-25.00	170.00	0.00760	-20.00	170.00	0.00866
-17.00	170.00	0.00945	-15.00	170.00	0.01007
-13.00	170.00	0.01078	-11.00	170.00	0.01161
-9.00	170.00	0.01263	9.00	170.00	0.01069
11.00	170.00	0.00973	13.00	170.00	0.00895
15.00	170.00	0.00829	17.00	170.00	0.00772

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:

PAGE 139

CONC

URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	170.00	0.00700	25.00	170.00	0.00605
30.00	170.00	0.00531	40.00	170.00	0.00423
50.00	170.00	0.00346	60.00	170.00	0.00289
70.00	170.00	0.00245	80.00	170.00	0.00210
90.00	170.00	0.00183	100.00	170.00	0.00160
-100.00	180.00	0.00175	-90.00	180.00	0.00204
-80.00	180.00	0.00240	-70.00	180.00	0.00285
-60.00	180.00	0.00343	-50.00	180.00	0.00416
-40.00	180.00	0.00511	-30.00	180.00	0.00639
-25.00	180.00	0.00722	-20.00	180.00	0.00828
-17.00	180.00	0.00907	-15.00	180.00	0.00968
-13.00	180.00	0.01039	-11.00	180.00	0.01123
-9.00	180.00	0.01225	9.00	180.00	0.01048
11.00	180.00	0.00953	13.00	180.00	0.00877
15.00	180.00	0.00812	17.00	180.00	0.00757
20.00	180.00	0.00687	25.00	180.00	0.00595
30.00	180.00	0.00523	40.00	180.00	0.00417
50.00	180.00	0.00341	60.00	180.00	0.00285
70.00	180.00	0.00242	80.00	180.00	0.00209
90.00	180.00	0.00182	100.00	180.00	0.00159
-100.00	190.00	0.00162	-90.00	190.00	0.00188
-80.00	190.00	0.00220	-70.00	190.00	0.00261
-60.00	190.00	0.00314	-50.00	190.00	0.00383
-40.00	190.00	0.00473	-30.00	190.00	0.00596

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

-25.00	190.00	0.00677	-20.00	190.00	0.00781
-17.00	190.00	0.00859	-15.00	190.00	0.00920
-13.00	190.00	0.00991	-11.00	190.00	0.01075
-9.00	190.00	0.01177	9.00	190.00	0.01023
11.00	190.00	0.00930	13.00	190.00	0.00857
15.00	190.00	0.00795	17.00	190.00	0.00742
20.00	190.00	0.00674	25.00	190.00	0.00585
30.00	190.00	0.00515	40.00	190.00	0.00410
50.00	190.00	0.00337	60.00	190.00	0.00282
70.00	190.00	0.00240	80.00	190.00	0.00207
90.00	190.00	0.00180	100.00	190.00	0.00158
-100.00	200.00	0.00151	-90.00	200.00	0.00174
-80.00	200.00	0.00202	-70.00	200.00	0.00238
-60.00	200.00	0.00284	-50.00	200.00	0.00345
-40.00	200.00	0.00429	-30.00	200.00	0.00545
-25.00	200.00	0.00623	-20.00	200.00	0.00723

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 140

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-17.00	200.00	0.00799	-15.00	200.00	0.00859
-13.00	200.00	0.00929	-11.00	200.00	0.01013
-9.00	200.00	0.01115	9.00	200.00	0.00994
11.00	200.00	0.00906	13.00	200.00	0.00836
15.00	200.00	0.00777	17.00	200.00	0.00726
20.00	200.00	0.00660	25.00	200.00	0.00573
30.00	200.00	0.00505	40.00	200.00	0.00403
50.00	200.00	0.00332	60.00	200.00	0.00279
70.00	200.00	0.00238	80.00	200.00	0.00205
90.00	200.00	0.00179	100.00	200.00	0.00157
-100.00	210.00	0.00141	-90.00	210.00	0.00162
-80.00	210.00	0.00187	-70.00	210.00	0.00218
-60.00	210.00	0.00258	-50.00	210.00	0.00311
-40.00	210.00	0.00382	-30.00	210.00	0.00485
-25.00	210.00	0.00558	-20.00	210.00	0.00653
-17.00	210.00	0.00726	-15.00	210.00	0.00784
-13.00	210.00	0.00852	-11.00	210.00	0.00933
-9.00	210.00	0.01034	9.00	210.00	0.00966

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

11.00	210.00	0.00882	13.00	210.00	0.00814
15.00	210.00	0.00758	17.00	210.00	0.00709
20.00	210.00	0.00645	25.00	210.00	0.00561
30.00	210.00	0.00495	40.00	210.00	0.00396
50.00	210.00	0.00327	60.00	210.00	0.00275
70.00	210.00	0.00235	80.00	210.00	0.00203
90.00	210.00	0.00177	100.00	210.00	0.00156
-100.00	220.00	0.00133	-90.00	220.00	0.00152
-80.00	220.00	0.00175	-70.00	220.00	0.00203
-60.00	220.00	0.00238	-50.00	220.00	0.00284
-40.00	220.00	0.00346	-30.00	220.00	0.00434
-25.00	220.00	0.00496	-20.00	220.00	0.00578
-17.00	220.00	0.00641	-15.00	220.00	0.00692
-13.00	220.00	0.00753	-11.00	220.00	0.00827
-9.00	220.00	0.00919	9.00	220.00	0.00938
11.00	220.00	0.00858	13.00	220.00	0.00792
15.00	220.00	0.00738	17.00	220.00	0.00691
20.00	220.00	0.00630	25.00	220.00	0.00549
30.00	220.00	0.00484	40.00	220.00	0.00389
50.00	220.00	0.00321	60.00	220.00	0.00270
70.00	220.00	0.00231	80.00	220.00	0.00200
90.00	220.00	0.00175	100.00	220.00	0.00155

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08 *** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 141

CONC URBAN FLAT FLGPOL DFAULT

*** *** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-100.00	230.00	0.00126	-90.00	230.00	0.00143
-80.00	230.00	0.00164	-70.00	230.00	0.00191
-60.00	230.00	0.00223	-50.00	230.00	0.00265
-40.00	230.00	0.00322	-30.00	230.00	0.00404
-25.00	230.00	0.00462	-20.00	230.00	0.00537
-17.00	230.00	0.00595	-15.00	230.00	0.00641
-13.00	230.00	0.00694	-11.00	230.00	0.00758
-9.00	230.00	0.00834	9.00	230.00	0.00889
11.00	230.00	0.00820	13.00	230.00	0.00760
15.00	230.00	0.00709	17.00	230.00	0.00665
20.00	230.00	0.00607	25.00	230.00	0.00530
30.00	230.00	0.00468	40.00	230.00	0.00377

05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound

50.00	230.00	0.00312	60.00	230.00	0.00264
70.00	230.00	0.00226	80.00	230.00	0.00196
90.00	230.00	0.00172	100.00	230.00	0.00152
-100.00	240.00	0.00120	-90.00	240.00	0.00136
-80.00	240.00	0.00156	-70.00	240.00	0.00181
-60.00	240.00	0.00212	-50.00	240.00	0.00252
-40.00	240.00	0.00306	-30.00	240.00	0.00385
-25.00	240.00	0.00440	-20.00	240.00	0.00512
-17.00	240.00	0.00568	-15.00	240.00	0.00612
-13.00	240.00	0.00662	-11.00	240.00	0.00719
-9.00	240.00	0.00781	9.00	240.00	0.00774
11.00	240.00	0.00730	13.00	240.00	0.00688
15.00	240.00	0.00650	17.00	240.00	0.00615
20.00	240.00	0.00568	25.00	240.00	0.00501
30.00	240.00	0.00446	40.00	240.00	0.00362
50.00	240.00	0.00302	60.00	240.00	0.00256
70.00	240.00	0.00220	80.00	240.00	0.00192
90.00	240.00	0.00169	100.00	240.00	0.00149
-100.00	250.00	0.00115	-90.00	250.00	0.00131
-80.00	250.00	0.00150	-70.00	250.00	0.00173
-60.00	250.00	0.00202	-50.00	250.00	0.00240
-40.00	250.00	0.00292	-30.00	250.00	0.00368
-25.00	250.00	0.00420	-20.00	250.00	0.00489
-17.00	250.00	0.00539	-15.00	250.00	0.00576
-13.00	250.00	0.00615	-11.00	250.00	0.00655
-9.00	250.00	0.00692	9.00	250.00	0.00656
11.00	250.00	0.00628	13.00	250.00	0.00601
15.00	250.00	0.00575	17.00	250.00	0.00550

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***
 04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07
 **MODELOPTs:
 PAGE 142

CONC URBAN FLAT FLGPOL DFAULT

*** THE ANNUAL (1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
 INCLUDING SOURCE(S): NCRA_S1 , NCRA_S2 , NCRA_S3 , NCRA_S4 , NCRA_S5 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
20.00	250.00	0.00514	25.00	250.00	0.00462
30.00	250.00	0.00417	40.00	250.00	0.00345
50.00	250.00	0.00290	60.00	250.00	0.00247
70.00	250.00	0.00214	80.00	250.00	0.00187
90.00	250.00	0.00165	100.00	250.00	0.00146

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 143

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S1	1ST HIGHEST VALUE IS 0.00747 AT (-9.00, 190.00, 0.00, 1.20)	DC	NA	NA
	2ND HIGHEST VALUE IS 0.00741 AT (-9.00, 200.00, 0.00, 1.20)	DC	NA	NA
	3RD HIGHEST VALUE IS 0.00727 AT (-9.00, 180.00, 0.00, 1.20)	DC	NA	NA
	4TH HIGHEST VALUE IS 0.00705 AT (-9.00, 210.00, 0.00, 1.20)	DC	NA	NA
	5TH HIGHEST VALUE IS 0.00682 AT (-9.00, 170.00, 0.00, 1.20)	DC	NA	NA
	6TH HIGHEST VALUE IS 0.00665 AT (9.00, 220.00, 0.00, 1.20)	DC	NA	NA
	7TH HIGHEST VALUE IS 0.00659 AT (9.00, 210.00, 0.00, 1.20)	DC	NA	NA
	8TH HIGHEST VALUE IS 0.00652 AT (-11.00, 190.00, 0.00, 1.20)	DC	NA	NA
	9TH HIGHEST VALUE IS 0.00647 AT (9.00, 200.00, 0.00, 1.20)	DC	NA	NA
	10TH HIGHEST VALUE IS 0.00644 AT (9.00, 230.00, 0.00, 1.20)	DC	NA	NA
NCRA_S2	1ST HIGHEST VALUE IS 0.00747 AT (-9.00, 100.00, 0.00, 1.20)	DC	NA	NA
	2ND HIGHEST VALUE IS 0.00741 AT (-9.00, 110.00, 0.00, 1.20)	DC	NA	NA
	3RD HIGHEST VALUE IS 0.00727 AT (-9.00, 90.00, 0.00, 1.20)	DC	NA	NA
	4TH HIGHEST VALUE IS 0.00705 AT (-9.00, 120.00, 0.00, 1.20)	DC	NA	NA
	5TH HIGHEST VALUE IS 0.00682 AT (-9.00, 80.00, 0.00, 1.20)	DC	NA	NA
	6TH HIGHEST VALUE IS 0.00665 AT (9.00, 130.00, 0.00, 1.20)	DC	NA	NA
	7TH HIGHEST VALUE IS 0.00659 AT (9.00, 120.00, 0.00, 1.20)	DC	NA	NA
	8TH HIGHEST VALUE IS 0.00652 AT (-11.00, 100.00, 0.00, 1.20)	DC	NA	NA
	9TH HIGHEST VALUE IS 0.00647 AT (9.00, 110.00, 0.00, 1.20)	DC	NA	NA
	10TH HIGHEST VALUE IS 0.00644 AT (9.00, 140.00, 0.00, 1.20)	DC	NA	NA
NCRA_S3	1ST HIGHEST VALUE IS 0.00747 AT (-9.00, 10.00, 0.00, 1.20)	DC	NA	NA
	2ND HIGHEST VALUE IS 0.00741 AT (-9.00, 20.00, 0.00, 1.20)	DC	NA	NA
	3RD HIGHEST VALUE IS 0.00727 AT (-9.00, 0.00, 0.00, 1.20)	DC	NA	NA
	4TH HIGHEST VALUE IS 0.00705 AT (-9.00, 30.00, 0.00, 1.20)	DC	NA	NA
	5TH HIGHEST VALUE IS 0.00682 AT (-9.00, -10.00, 0.00, 1.20)	DC	NA	NA
	6TH HIGHEST VALUE IS 0.00665 AT (9.00, 40.00, 0.00, 1.20)	DC	NA	NA
	7TH HIGHEST VALUE IS 0.00659 AT (9.00, 30.00, 0.00, 1.20)	DC	NA	NA
	8TH HIGHEST VALUE IS 0.00652 AT (-11.00, 10.00, 0.00, 1.20)	DC	NA	NA
	9TH HIGHEST VALUE IS 0.00647 AT (9.00, 20.00, 0.00, 1.20)	DC	NA	NA
	10TH HIGHEST VALUE IS 0.00644 AT (9.00, 50.00, 0.00, 1.20)	DC	NA	NA

1 *** ISCST3 - VERSION 02035 ***

*** NCRA Cumulative DPM Impacts

04/20/08

*** Maximum train overlap at North/South Bound Direction

16:57:07

**MODELOPTs:
PAGE 144

CONC URBAN FLAT FLGPOL DFAULT

*** THE SUMMARY OF MAXIMUM ANNUAL (1 YRS) RESULTS ***

** CONC OF OTHER IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
NCRA_S4	1ST HIGHEST VALUE IS 0.00747 AT (-9.00, -80.00, 0.00, 1.20)	DC	NA	NA
	2ND HIGHEST VALUE IS 0.00741 AT (-9.00, -70.00, 0.00, 1.20)	DC	NA	NA
	3RD HIGHEST VALUE IS 0.00727 AT (-9.00, -90.00, 0.00, 1.20)	DC	NA	NA
	4TH HIGHEST VALUE IS 0.00705 AT (-9.00, -60.00, 0.00, 1.20)	DC	NA	NA
	5TH HIGHEST VALUE IS 0.00682 AT (-9.00, -100.00, 0.00, 1.20)	DC	NA	NA
	6TH HIGHEST VALUE IS 0.00665 AT (9.00, -50.00, 0.00, 1.20)	DC	NA	NA
	7TH HIGHEST VALUE IS 0.00659 AT (9.00, -60.00, 0.00, 1.20)	DC	NA	NA
	8TH HIGHEST VALUE IS 0.00652 AT (-11.00, -80.00, 0.00, 1.20)	DC	NA	NA
	9TH HIGHEST VALUE IS 0.00647 AT (9.00, -70.00, 0.00, 1.20)	DC	NA	NA
	10TH HIGHEST VALUE IS 0.00644 AT (9.00, -40.00, 0.00, 1.20)	DC	NA	NA
NCRA_S5	1ST HIGHEST VALUE IS 0.00747 AT (-9.00, -170.00, 0.00, 1.20)	DC	NA	NA
	2ND HIGHEST VALUE IS 0.00741 AT (-9.00, -160.00, 0.00, 1.20)	DC	NA	NA
	3RD HIGHEST VALUE IS 0.00727 AT (-9.00, -180.00, 0.00, 1.20)	DC	NA	NA
	4TH HIGHEST VALUE IS 0.00705 AT (-9.00, -150.00, 0.00, 1.20)	DC	NA	NA
	5TH HIGHEST VALUE IS 0.00682 AT (-9.00, -190.00, 0.00, 1.20)	DC	NA	NA
	6TH HIGHEST VALUE IS 0.00665 AT (9.00, -140.00, 0.00, 1.20)	DC	NA	NA
	7TH HIGHEST VALUE IS 0.00659 AT (9.00, -150.00, 0.00, 1.20)	DC	NA	NA
	8TH HIGHEST VALUE IS 0.00652 AT (-11.00, -170.00, 0.00, 1.20)	DC	NA	NA

		05NCRA_NAPA01-300_DPM_TRAV_ANN_N-S Bound								
	9TH HIGHEST VALUE IS	0.00647	AT (	9.00,	-160.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00644	AT (	9.00,	-130.00,	0.00,	1.20)	DC	NA
ALL	1ST HIGHEST VALUE IS	0.01394	AT (	-9.00,	40.00,	0.00,	1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.01394	AT (	-9.00,	50.00,	0.00,	1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.01394	AT (	-9.00,	60.00,	0.00,	1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.01390	AT (	-9.00,	30.00,	0.00,	1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.01390	AT (	-9.00,	70.00,	0.00,	1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.01390	AT (	-9.00,	20.00,	0.00,	1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.01388	AT (	-9.00,	10.00,	0.00,	1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.01386	AT (	-9.00,	80.00,	0.00,	1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.01385	AT (	-9.00,	0.00,	0.00,	1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.01383	AT (	-9.00,	-10.00,	0.00,	1.20)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
 GP = GRIDPOLR
 DC = DISCCART
 DP = DISCPOLR
 BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** NCRA Cumulative DPM Impacts ***

04/20/08

*** Maximum train overlap at North/South Bound Direction ***

16:57:07

**MODELOPTs:
 PAGE 145

CONC URBAN FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1 Informational Message(s)
 A Total of 1 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
 *** NONE ***

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISCST3 Finishes Successfully ***
