

ISCST3x VERSION 4.4.3  
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Run Began on 4/20/2008 at 17:29:17

\*\* BREEZE ISC GIS Pro v5.1.2 - C:\NCRA\Modeling\DPM Risk\Traveling  
Trains\Napa\09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_N-S Bound.dat

\*\* Trinity Consultants

CO STARTING  
CO TITLEONE NCRA Cumulative DPM Impacts  
CO TITLETWO Maximum train overlap at East/West 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 135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S2 AREA 45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S3 AREA -45.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S4 AREA -135.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO LOCATION NCRA\_S5 AREA -225.0 4.5 0  
\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South  
SO SRCPARAM NCRA\_S1 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S2 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S3 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S4 2.110000E-08 4.953 9 90 90 2.3  
SO SRCPARAM NCRA\_S5 2.110000E-08 4.953 9 90 90 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

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RE DISCCART	-250.0	80.0	1.2
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RE DISCCART	20.0	13.0	1.2
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RE DISCCART	160.0	-17.0	1.2
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RE DISCCART	220.0	-9.0	1.2
RE DISCCART	220.0	-11.0	1.2
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RE DISCCART	220.0	-40.0	1.2
RE DISCCART	220.0	-50.0	1.2
RE DISCCART	220.0	-60.0	1.2
RE DISCCART	220.0	-70.0	1.2
RE DISCCART	220.0	-80.0	1.2
RE DISCCART	220.0	-90.0	1.2
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RE DISCCART	230.0	70.0	1.2
RE DISCCART	230.0	60.0	1.2
RE DISCCART	230.0	50.0	1.2
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RE DISCCART	230.0	11.0	1.2
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RE DISCCART	230.0	-9.0	1.2
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RE DISCCART	240.0	60.0	1.2
RE DISCCART	240.0	50.0	1.2
RE DISCCART	240.0	40.0	1.2
RE DISCCART	240.0	30.0	1.2
RE DISCCART	240.0	25.0	1.2
RE DISCCART	240.0	20.0	1.2
RE DISCCART	240.0	17.0	1.2
RE DISCCART	240.0	15.0	1.2
RE DISCCART	240.0	13.0	1.2
RE DISCCART	240.0	11.0	1.2
RE DISCCART	240.0	9.0	1.2
RE DISCCART	240.0	-9.0	1.2
RE DISCCART	240.0	-11.0	1.2
RE DISCCART	240.0	-13.0	1.2
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RE DISCCART 240.0 -80.0 1.2  
RE DISCCART 240.0 -90.0 1.2  
RE DISCCART 240.0 -100.0 1.2  
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RE DISCCART 250.0 90.0 1.2  
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RE DISCCART 250.0 60.0 1.2  
RE DISCCART 250.0 50.0 1.2  
RE DISCCART 250.0 40.0 1.2  
RE DISCCART 250.0 30.0 1.2  
RE DISCCART 250.0 25.0 1.2  
RE DISCCART 250.0 20.0 1.2  
RE DISCCART 250.0 17.0 1.2  
RE DISCCART 250.0 15.0 1.2  
RE DISCCART 250.0 13.0 1.2  
RE DISCCART 250.0 11.0 1.2  
RE DISCCART 250.0 9.0 1.2  
RE DISCCART 250.0 -9.0 1.2  
RE DISCCART 250.0 -11.0 1.2  
RE DISCCART 250.0 -13.0 1.2  
RE DISCCART 250.0 -15.0 1.2  
RE DISCCART 250.0 -17.0 1.2  
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RE DISCCART 250.0 -25.0 1.2  
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RE DISCCART 250.0 -70.0 1.2  
RE DISCCART 250.0 -80.0 1.2  
RE DISCCART 250.0 -90.0 1.2  
RE DISCCART 250.0 -100.0 1.2  
RE FINISHED

ME STARTING

ME INPUTFIL "C:\NCRA\Modeling\Met Data\Napa\NAP003RA.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 4901 2000

ME UAIRDATA 4901 2000

ME STARTEND 2000 01 01 1 2000 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\09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_N-S Bound.lst"

\*\* RAWFILE "C:\NCRA\Modeling\DPM Risk\Traveling Trains\Napa\09NCRA\_NAPA00-300\_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 East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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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\09NCRA-1.DAT

\*\*Output Print File:

C:\NCRA\MODELING\DPMRIS-1\TRAVEL-1\NAPA\09NCRA-1.LST

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

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* AREA SOURCE DATA \*\*\*

Table with 11 columns: EMISSION RATE, NUMBER, EMISSION RATE, COORD (SW CORNER), BASE, RELEASE, X-DIM, Y-DIM, ORIENT., INIT. Includes rows for NCRA\_S1 through NCRA\_S5.

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

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\*\*MODELOPTs:

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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 East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

- List of discrete Cartesian receptors with coordinates: (-250.0, 100.0, 0.0, 1.2); (-250.0, 90.0, 0.0, 1.2); (-250.0, 80.0, 0.0, 1.2); (-250.0, 70.0, 0.0, 1.2); (-250.0, 60.0, 0.0, 1.2); (-250.0, 50.0, 0.0, 1.2);

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

\*\*MODELOPTs:  
PAGE 5  
CONC

URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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 CONC

URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound  
(METERS)

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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CONC

URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

1 \*\*\* ISCT3 - VERSION 02035 \*\*\*  
04/20/08

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

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 \*\*MODELOPTs:  
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CONC                      URBAN FLAT    FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

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

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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

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



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W 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)
00	01	01	01	182.9	1.52	279.5	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	02	210.0	1.65	278.7	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	03	199.7	1.34	278.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	04	201.1	1.21	279.0	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	05	189.9	1.00	278.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	06	231.5	1.65	278.9	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	07	158.6	1.65	278.6	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	08	205.5	1.25	277.6	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	09	90.3	1.00	277.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	10	197.9	1.00	279.6	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	11	151.5	1.43	281.1	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	12	123.0	1.21	282.2	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	13	46.8	1.70	282.9	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	14	28.8	2.19	284.3	1	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	15	83.0	3.80	285.7	2	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	16	71.2	3.08	284.9	3	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	17	93.6	3.40	284.9	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	18	88.3	4.16	284.3	4	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	19	117.4	2.82	283.8	5	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	20	123.8	1.70	283.1	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	21	248.8	1.30	279.9	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	22	248.5	1.12	277.8	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	23	253.2	1.07	276.5	6	300.0	300.0	0.0000	0.0	0.0000	0	0.00
00	01	01	24	233.2	1.43	275.8	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  
17:29:17

\*\*\* Maximum train overlap at East/West 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
-250.00	100.00	0.00004	-250.00	90.00	0.00004
-250.00	80.00	0.00004	-250.00	70.00	0.00004
-250.00	60.00	0.00004	-250.00	50.00	0.00005
-250.00	40.00	0.00005	-250.00	30.00	0.00005
-250.00	25.00	0.00005	-250.00	20.00	0.00005
-250.00	17.00	0.00006	-250.00	15.00	0.00006
-250.00	13.00	0.00006	-250.00	11.00	0.00006
-250.00	9.00	0.00006	-250.00	-9.00	0.00006
-250.00	-11.00	0.00007	-250.00	-13.00	0.00007
-250.00	-15.00	0.00007	-250.00	-17.00	0.00007
-250.00	-20.00	0.00007	-250.00	-25.00	0.00007
-250.00	-30.00	0.00007	-250.00	-40.00	0.00008
-250.00	-50.00	0.00008	-250.00	-60.00	0.00008
-250.00	-70.00	0.00008	-250.00	-80.00	0.00009
-250.00	-90.00	0.00009	-250.00	-100.00	0.00009
-240.00	100.00	0.00004	-240.00	90.00	0.00004
-240.00	80.00	0.00004	-240.00	70.00	0.00005





09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-20.00	0.00009	-200.00	-25.00	0.00009
-200.00	-30.00	0.00009	-200.00	-40.00	0.00010
-200.00	-50.00	0.00010	-200.00	-60.00	0.00011
-200.00	-70.00	0.00011	-200.00	-80.00	0.00011
-200.00	-90.00	0.00011	-200.00	-100.00	0.00012
-190.00	100.00	0.00005	-190.00	90.00	0.00005
-190.00	80.00	0.00005	-190.00	70.00	0.00006
-190.00	60.00	0.00006	-190.00	50.00	0.00006
-190.00	40.00	0.00006	-190.00	30.00	0.00007
-190.00	25.00	0.00007	-190.00	20.00	0.00007
-190.00	17.00	0.00007	-190.00	15.00	0.00007
-190.00	13.00	0.00007	-190.00	11.00	0.00007
-190.00	9.00	0.00008	-190.00	-9.00	0.00009
-190.00	-11.00	0.00009	-190.00	-13.00	0.00009
-190.00	-15.00	0.00009	-190.00	-17.00	0.00009
-190.00	-20.00	0.00009	-190.00	-25.00	0.00010
-190.00	-30.00	0.00010	-190.00	-40.00	0.00010
-190.00	-50.00	0.00011	-190.00	-60.00	0.00011
-190.00	-70.00	0.00011	-190.00	-80.00	0.00012
-190.00	-90.00	0.00012	-190.00	-100.00	0.00012
-180.00	100.00	0.00005	-180.00	90.00	0.00005
-180.00	80.00	0.00006	-180.00	70.00	0.00006
-180.00	60.00	0.00006	-180.00	50.00	0.00006
-180.00	40.00	0.00007	-180.00	30.00	0.00007
-180.00	25.00	0.00007	-180.00	20.00	0.00007
-180.00	17.00	0.00007	-180.00	15.00	0.00008
-180.00	13.00	0.00008	-180.00	11.00	0.00008
-180.00	9.00	0.00008	-180.00	-9.00	0.00009
-180.00	-11.00	0.00009	-180.00	-13.00	0.00009
-180.00	-15.00	0.00009	-180.00	-17.00	0.00010
-180.00	-20.00	0.00010	-180.00	-25.00	0.00010
-180.00	-30.00	0.00010	-180.00	-40.00	0.00011
-180.00	-50.00	0.00011	-180.00	-60.00	0.00012
-180.00	-70.00	0.00012	-180.00	-80.00	0.00012
-180.00	-90.00	0.00013	-180.00	-100.00	0.00013

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:29:17  
 \*\*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      \*\*

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound  
CONC

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-170.00	100.00	0.00006	-170.00	90.00	0.00006
-170.00	80.00	0.00006	-170.00	70.00	0.00006
-170.00	60.00	0.00006	-170.00	50.00	0.00007
-170.00	40.00	0.00007	-170.00	30.00	0.00007
-170.00	25.00	0.00007	-170.00	20.00	0.00008
-170.00	17.00	0.00008	-170.00	15.00	0.00008
-170.00	13.00	0.00008	-170.00	11.00	0.00008
-170.00	9.00	0.00008	-170.00	-9.00	0.00010
-170.00	-11.00	0.00010	-170.00	-13.00	0.00010
-170.00	-15.00	0.00010	-170.00	-17.00	0.00010
-170.00	-20.00	0.00010	-170.00	-25.00	0.00011
-170.00	-30.00	0.00011	-170.00	-40.00	0.00012
-170.00	-50.00	0.00012	-170.00	-60.00	0.00012
-170.00	-70.00	0.00013	-170.00	-80.00	0.00013
-170.00	-90.00	0.00013	-170.00	-100.00	0.00014
-160.00	100.00	0.00006	-160.00	90.00	0.00006
-160.00	80.00	0.00006	-160.00	70.00	0.00006
-160.00	60.00	0.00007	-160.00	50.00	0.00007
-160.00	40.00	0.00007	-160.00	30.00	0.00008
-160.00	25.00	0.00008	-160.00	20.00	0.00008
-160.00	17.00	0.00008	-160.00	15.00	0.00008
-160.00	13.00	0.00009	-160.00	11.00	0.00009
-160.00	9.00	0.00009	-160.00	-9.00	0.00010
-160.00	-11.00	0.00010	-160.00	-13.00	0.00010
-160.00	-15.00	0.00011	-160.00	-17.00	0.00011
-160.00	-20.00	0.00011	-160.00	-25.00	0.00011
-160.00	-30.00	0.00012	-160.00	-40.00	0.00012
-160.00	-50.00	0.00013	-160.00	-60.00	0.00013
-160.00	-70.00	0.00013	-160.00	-80.00	0.00014
-160.00	-90.00	0.00014	-160.00	-100.00	0.00015
-150.00	100.00	0.00006	-150.00	90.00	0.00006
-150.00	80.00	0.00006	-150.00	70.00	0.00007
-150.00	60.00	0.00007	-150.00	50.00	0.00007
-150.00	40.00	0.00008	-150.00	30.00	0.00008
-150.00	25.00	0.00008	-150.00	20.00	0.00009
-150.00	17.00	0.00009	-150.00	15.00	0.00009
-150.00	13.00	0.00009	-150.00	11.00	0.00009
-150.00	9.00	0.00009	-150.00	-9.00	0.00011
-150.00	-11.00	0.00011	-150.00	-13.00	0.00011
-150.00	-15.00	0.00011	-150.00	-17.00	0.00011

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17  
\*\*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
-150.00	-20.00	0.00012	-150.00	-25.00	0.00012
-150.00	-30.00	0.00012	-150.00	-40.00	0.00013
-150.00	-50.00	0.00013	-150.00	-60.00	0.00014
-150.00	-70.00	0.00014	-150.00	-80.00	0.00015
-150.00	-90.00	0.00015	-150.00	-100.00	0.00016
-140.00	100.00	0.00006	-140.00	90.00	0.00007
-140.00	80.00	0.00007	-140.00	70.00	0.00007
-140.00	60.00	0.00007	-140.00	50.00	0.00008
-140.00	40.00	0.00008	-140.00	30.00	0.00008
-140.00	25.00	0.00009	-140.00	20.00	0.00009
-140.00	17.00	0.00009	-140.00	15.00	0.00009
-140.00	13.00	0.00009	-140.00	11.00	0.00010
-140.00	9.00	0.00010	-140.00	-9.00	0.00011
-140.00	-11.00	0.00012	-140.00	-13.00	0.00012
-140.00	-15.00	0.00012	-140.00	-17.00	0.00012
-140.00	-20.00	0.00012	-140.00	-25.00	0.00013
-140.00	-30.00	0.00013	-140.00	-40.00	0.00014
-140.00	-50.00	0.00014	-140.00	-60.00	0.00015
-140.00	-70.00	0.00015	-140.00	-80.00	0.00016
-140.00	-90.00	0.00016	-140.00	-100.00	0.00017
-130.00	100.00	0.00007	-130.00	90.00	0.00007
-130.00	80.00	0.00007	-130.00	70.00	0.00007
-130.00	60.00	0.00008	-130.00	50.00	0.00008
-130.00	40.00	0.00008	-130.00	30.00	0.00009
-130.00	25.00	0.00009	-130.00	20.00	0.00009
-130.00	17.00	0.00010	-130.00	15.00	0.00010
-130.00	13.00	0.00010	-130.00	11.00	0.00010
-130.00	9.00	0.00010	-130.00	-9.00	0.00012
-130.00	-11.00	0.00012	-130.00	-13.00	0.00012
-130.00	-15.00	0.00013	-130.00	-17.00	0.00013
-130.00	-20.00	0.00013	-130.00	-25.00	0.00014
-130.00	-30.00	0.00014	-130.00	-40.00	0.00015
-130.00	-50.00	0.00015	-130.00	-60.00	0.00016
-130.00	-70.00	0.00016	-130.00	-80.00	0.00017
-130.00	-90.00	0.00017	-130.00	-100.00	0.00018
-120.00	100.00	0.00007	-120.00	90.00	0.00007
-120.00	80.00	0.00007	-120.00	70.00	0.00008

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	60.00	0.00008	-120.00	50.00	0.00008
-120.00	40.00	0.00009	-120.00	30.00	0.00009
-120.00	25.00	0.00010	-120.00	20.00	0.00010

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-120.00	17.00	0.00010	-120.00	15.00	0.00010
-120.00	13.00	0.00011	-120.00	11.00	0.00011
-120.00	9.00	0.00011	-120.00	-9.00	0.00013
-120.00	-11.00	0.00013	-120.00	-13.00	0.00013
-120.00	-15.00	0.00014	-120.00	-17.00	0.00014
-120.00	-20.00	0.00014	-120.00	-25.00	0.00015
-120.00	-30.00	0.00015	-120.00	-40.00	0.00016
-120.00	-50.00	0.00016	-120.00	-60.00	0.00017
-120.00	-70.00	0.00017	-120.00	-80.00	0.00018
-120.00	-90.00	0.00018	-120.00	-100.00	0.00019
-110.00	100.00	0.00007	-110.00	90.00	0.00008
-110.00	80.00	0.00008	-110.00	70.00	0.00008
-110.00	60.00	0.00009	-110.00	50.00	0.00009
-110.00	40.00	0.00009	-110.00	30.00	0.00010
-110.00	25.00	0.00010	-110.00	20.00	0.00011
-110.00	17.00	0.00011	-110.00	15.00	0.00011
-110.00	13.00	0.00011	-110.00	11.00	0.00011
-110.00	9.00	0.00012	-110.00	-9.00	0.00014
-110.00	-11.00	0.00014	-110.00	-13.00	0.00014
-110.00	-15.00	0.00014	-110.00	-17.00	0.00015
-110.00	-20.00	0.00015	-110.00	-25.00	0.00016
-110.00	-30.00	0.00016	-110.00	-40.00	0.00017
-110.00	-50.00	0.00017	-110.00	-60.00	0.00018
-110.00	-70.00	0.00019	-110.00	-80.00	0.00019
-110.00	-90.00	0.00020	-110.00	-100.00	0.00020
-100.00	100.00	0.00008	-100.00	90.00	0.00008
-100.00	80.00	0.00008	-100.00	70.00	0.00009
-100.00	60.00	0.00009	-100.00	50.00	0.00009
-100.00	40.00	0.00010	-100.00	30.00	0.00010
-100.00	25.00	0.00011	-100.00	20.00	0.00011
-100.00	17.00	0.00012	-100.00	15.00	0.00012

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	13.00	0.00012	-100.00	11.00	0.00012
-100.00	9.00	0.00012	-100.00	-9.00	0.00015
-100.00	-11.00	0.00015	-100.00	-13.00	0.00015
-100.00	-15.00	0.00015	-100.00	-17.00	0.00016
-100.00	-20.00	0.00016	-100.00	-25.00	0.00017
-100.00	-30.00	0.00017	-100.00	-40.00	0.00018
-100.00	-50.00	0.00019	-100.00	-60.00	0.00019
-100.00	-70.00	0.00020	-100.00	-80.00	0.00021
-100.00	-90.00	0.00021	-100.00	-100.00	0.00022

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*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
-90.00	100.00	0.00008	-90.00	90.00	0.00008
-90.00	80.00	0.00009	-90.00	70.00	0.00009
-90.00	60.00	0.00010	-90.00	50.00	0.00010
-90.00	40.00	0.00010	-90.00	30.00	0.00011
-90.00	25.00	0.00011	-90.00	20.00	0.00012
-90.00	17.00	0.00012	-90.00	15.00	0.00012
-90.00	13.00	0.00013	-90.00	11.00	0.00013
-90.00	9.00	0.00013	-90.00	-9.00	0.00016
-90.00	-11.00	0.00016	-90.00	-13.00	0.00016
-90.00	-15.00	0.00017	-90.00	-17.00	0.00017
-90.00	-20.00	0.00017	-90.00	-25.00	0.00018
-90.00	-30.00	0.00018	-90.00	-40.00	0.00019
-90.00	-50.00	0.00020	-90.00	-60.00	0.00021
-90.00	-70.00	0.00022	-90.00	-80.00	0.00022
-90.00	-90.00	0.00023	-90.00	-100.00	0.00024
-80.00	100.00	0.00008	-80.00	90.00	0.00009
-80.00	80.00	0.00009	-80.00	70.00	0.00010
-80.00	60.00	0.00010	-80.00	50.00	0.00011
-80.00	40.00	0.00011	-80.00	30.00	0.00012
-80.00	25.00	0.00012	-80.00	20.00	0.00013
-80.00	17.00	0.00013	-80.00	15.00	0.00013
-80.00	13.00	0.00014	-80.00	11.00	0.00014
-80.00	9.00	0.00014	-80.00	-9.00	0.00017
-80.00	-11.00	0.00017	-80.00	-13.00	0.00018
-80.00	-15.00	0.00018	-80.00	-17.00	0.00018

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*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
-70.00	-20.00	0.00020	-70.00	-25.00	0.00021
-70.00	-30.00	0.00022	-70.00	-40.00	0.00023
-70.00	-50.00	0.00024	-70.00	-60.00	0.00025
-70.00	-70.00	0.00025	-70.00	-80.00	0.00026
-70.00	-90.00	0.00027	-70.00	-100.00	0.00028
-60.00	100.00	0.00010	-60.00	90.00	0.00010
-60.00	80.00	0.00010	-60.00	70.00	0.00011
-60.00	60.00	0.00011	-60.00	50.00	0.00012
-60.00	40.00	0.00013	-60.00	30.00	0.00013
-60.00	25.00	0.00014	-60.00	20.00	0.00015
-60.00	17.00	0.00015	-60.00	15.00	0.00015
-60.00	13.00	0.00016	-60.00	11.00	0.00016
-60.00	9.00	0.00016	-60.00	-9.00	0.00020
-60.00	-11.00	0.00020	-60.00	-13.00	0.00021
-60.00	-15.00	0.00021	-60.00	-17.00	0.00021
-60.00	-20.00	0.00022	-60.00	-25.00	0.00023
-60.00	-30.00	0.00023	-60.00	-40.00	0.00025
-60.00	-50.00	0.00026	-60.00	-60.00	0.00027
-60.00	-70.00	0.00028	-60.00	-80.00	0.00029

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*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
-40.00	17.00	0.00017	-40.00	15.00	0.00018
-40.00	13.00	0.00018	-40.00	11.00	0.00018
-40.00	9.00	0.00019	-40.00	-9.00	0.00023
-40.00	-11.00	0.00024	-40.00	-13.00	0.00024
-40.00	-15.00	0.00025	-40.00	-17.00	0.00025
-40.00	-20.00	0.00026	-40.00	-25.00	0.00027
-40.00	-30.00	0.00028	-40.00	-40.00	0.00029
-40.00	-50.00	0.00031	-40.00	-60.00	0.00032
-40.00	-70.00	0.00033	-40.00	-80.00	0.00034
-40.00	-90.00	0.00035	-40.00	-100.00	0.00035
-30.00	100.00	0.00012	-30.00	90.00	0.00012
-30.00	80.00	0.00013	-30.00	70.00	0.00013
-30.00	60.00	0.00014	-30.00	50.00	0.00015

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	40.00	0.00016	-30.00	30.00	0.00017
-30.00	25.00	0.00017	-30.00	20.00	0.00018
-30.00	17.00	0.00019	-30.00	15.00	0.00019
-30.00	13.00	0.00020	-30.00	11.00	0.00020
-30.00	9.00	0.00021	-30.00	-9.00	0.00026
-30.00	-11.00	0.00026	-30.00	-13.00	0.00027
-30.00	-15.00	0.00027	-30.00	-17.00	0.00028
-30.00	-20.00	0.00029	-30.00	-25.00	0.00030
-30.00	-30.00	0.00031	-30.00	-40.00	0.00032
-30.00	-50.00	0.00034	-30.00	-60.00	0.00035
-30.00	-70.00	0.00037	-30.00	-80.00	0.00038
-30.00	-90.00	0.00038	-30.00	-100.00	0.00038
-20.00	100.00	0.00012	-20.00	90.00	0.00013
-20.00	80.00	0.00014	-20.00	70.00	0.00014
-20.00	60.00	0.00015	-20.00	50.00	0.00016
-20.00	40.00	0.00017	-20.00	30.00	0.00018
-20.00	25.00	0.00019	-20.00	20.00	0.00020
-20.00	17.00	0.00020	-20.00	15.00	0.00021
-20.00	13.00	0.00021	-20.00	11.00	0.00022
-20.00	9.00	0.00022	-20.00	-9.00	0.00028
-20.00	-11.00	0.00029	-20.00	-13.00	0.00030
-20.00	-15.00	0.00030	-20.00	-17.00	0.00031
-20.00	-20.00	0.00032	-20.00	-25.00	0.00033
-20.00	-30.00	0.00034	-20.00	-40.00	0.00036
-20.00	-50.00	0.00038	-20.00	-60.00	0.00039
-20.00	-70.00	0.00041	-20.00	-80.00	0.00042
-20.00	-90.00	0.00042	-20.00	-100.00	0.00042

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

17:29:17  
 \*\*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
-10.00	100.00	0.00014	-10.00	90.00	0.00014
-10.00	80.00	0.00015	-10.00	70.00	0.00015
-10.00	60.00	0.00016	-10.00	50.00	0.00017
-10.00	40.00	0.00019	-10.00	30.00	0.00020
-10.00	25.00	0.00021	-10.00	20.00	0.00021
-10.00	17.00	0.00022	-10.00	15.00	0.00023
-10.00	13.00	0.00023	-10.00	11.00	0.00024

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	9.00	0.00024	-10.00	-9.00	0.00031
-10.00	-11.00	0.00032	-10.00	-13.00	0.00033
-10.00	-15.00	0.00034	-10.00	-17.00	0.00034
-10.00	-20.00	0.00035	-10.00	-25.00	0.00037
-10.00	-30.00	0.00038	-10.00	-40.00	0.00040
-10.00	-50.00	0.00042	-10.00	-60.00	0.00044
-10.00	-70.00	0.00045	-10.00	-80.00	0.00046
-10.00	-90.00	0.00046	-10.00	-100.00	0.00045
0.00	100.00	0.00015	0.00	90.00	0.00015
0.00	80.00	0.00016	0.00	70.00	0.00017
0.00	60.00	0.00018	0.00	50.00	0.00019
0.00	40.00	0.00020	0.00	30.00	0.00022
0.00	25.00	0.00022	0.00	20.00	0.00023
0.00	17.00	0.00024	0.00	15.00	0.00025
0.00	13.00	0.00025	0.00	11.00	0.00026
0.00	9.00	0.00027	0.00	-9.00	0.00035
0.00	-11.00	0.00036	0.00	-13.00	0.00037
0.00	-15.00	0.00037	0.00	-17.00	0.00038
0.00	-20.00	0.00039	0.00	-25.00	0.00041
0.00	-30.00	0.00042	0.00	-40.00	0.00045
0.00	-50.00	0.00047	0.00	-60.00	0.00049
0.00	-70.00	0.00050	0.00	-80.00	0.00051
0.00	-90.00	0.00050	0.00	-100.00	0.00049
10.00	100.00	0.00016	10.00	90.00	0.00017
10.00	80.00	0.00017	10.00	70.00	0.00018
10.00	60.00	0.00019	10.00	50.00	0.00021
10.00	40.00	0.00022	10.00	30.00	0.00024
10.00	25.00	0.00025	10.00	20.00	0.00026
10.00	17.00	0.00027	10.00	15.00	0.00027
10.00	13.00	0.00028	10.00	11.00	0.00029
10.00	9.00	0.00030	10.00	-9.00	0.00039
10.00	-11.00	0.00040	10.00	-13.00	0.00041
10.00	-15.00	0.00042	10.00	-17.00	0.00043

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

17:29:17  
 \*\*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
10.00	-20.00	0.00044	10.00	-25.00	0.00046

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-30.00	0.00047	10.00	-40.00	0.00050
10.00	-50.00	0.00053	10.00	-60.00	0.00055
10.00	-70.00	0.00056	10.00	-80.00	0.00056
10.00	-90.00	0.00055	10.00	-100.00	0.00054
20.00	100.00	0.00018	20.00	90.00	0.00018
20.00	80.00	0.00019	20.00	70.00	0.00020
20.00	60.00	0.00021	20.00	50.00	0.00022
20.00	40.00	0.00024	20.00	30.00	0.00026
20.00	25.00	0.00027	20.00	20.00	0.00028
20.00	17.00	0.00029	20.00	15.00	0.00030
20.00	13.00	0.00031	20.00	11.00	0.00032
20.00	9.00	0.00033	20.00	-9.00	0.00044
20.00	-11.00	0.00045	20.00	-13.00	0.00046
20.00	-15.00	0.00047	20.00	-17.00	0.00048
20.00	-20.00	0.00050	20.00	-25.00	0.00052
20.00	-30.00	0.00054	20.00	-40.00	0.00057
20.00	-50.00	0.00060	20.00	-60.00	0.00062
20.00	-70.00	0.00063	20.00	-80.00	0.00062
20.00	-90.00	0.00061	20.00	-100.00	0.00058
30.00	100.00	0.00020	30.00	90.00	0.00020
30.00	80.00	0.00021	30.00	70.00	0.00022
30.00	60.00	0.00023	30.00	50.00	0.00025
30.00	40.00	0.00027	30.00	30.00	0.00029
30.00	25.00	0.00030	30.00	20.00	0.00032
30.00	17.00	0.00033	30.00	15.00	0.00034
30.00	13.00	0.00034	30.00	11.00	0.00035
30.00	9.00	0.00037	30.00	-9.00	0.00050
30.00	-11.00	0.00051	30.00	-13.00	0.00053
30.00	-15.00	0.00054	30.00	-17.00	0.00055
30.00	-20.00	0.00057	30.00	-25.00	0.00059
30.00	-30.00	0.00061	30.00	-40.00	0.00066
30.00	-50.00	0.00069	30.00	-60.00	0.00071
30.00	-70.00	0.00071	30.00	-80.00	0.00069
30.00	-90.00	0.00067	30.00	-100.00	0.00064
40.00	100.00	0.00022	40.00	90.00	0.00023
40.00	80.00	0.00023	40.00	70.00	0.00024
40.00	60.00	0.00026	40.00	50.00	0.00027
40.00	40.00	0.00030	40.00	30.00	0.00032
40.00	25.00	0.00034	40.00	20.00	0.00035

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*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	
40.00	17.00	0.00037	40.00	15.00	0.00038	
40.00	13.00	0.00039	40.00	11.00	0.00040	
40.00	9.00	0.00041	40.00	-9.00	0.00057	
40.00	-11.00	0.00059	40.00	-13.00	0.00061	
40.00	-15.00	0.00062	40.00	-17.00	0.00063	
40.00	-20.00	0.00065	40.00	-25.00	0.00068	
40.00	-30.00	0.00071	40.00	-40.00	0.00076	
40.00	-50.00	0.00079	40.00	-60.00	0.00080	
40.00	-70.00	0.00079	40.00	-80.00	0.00077	
40.00	-90.00	0.00073	40.00	-100.00	0.00070	
50.00	100.00	0.00025	50.00	90.00	0.00026	
50.00	80.00	0.00027	50.00	70.00	0.00027	
50.00	60.00	0.00029	50.00	50.00	0.00030	
50.00	40.00	0.00033	50.00	30.00	0.00036	
50.00	25.00	0.00038	50.00	20.00	0.00040	
50.00	17.00	0.00041	50.00	15.00	0.00042	
50.00	13.00	0.00043	50.00	11.00	0.00045	
50.00	9.00	0.00046	50.00	-9.00	0.00066	
50.00	-11.00	0.00068	50.00	-13.00	0.00070	
50.00	-15.00	0.00072	50.00	-17.00	0.00074	
50.00	-20.00	0.00076	50.00	-25.00	0.00079	
50.00	-30.00	0.00083	50.00	-40.00	0.00088	
50.00	-50.00	0.00092	50.00	-60.00	0.00092	
50.00	-70.00	0.00089	50.00	-80.00	0.00085	
50.00	-90.00	0.00081	50.00	-100.00	0.00076	
60.00	100.00	0.00029	60.00	90.00	0.00030	
60.00	80.00	0.00030	60.00	70.00	0.00031	
60.00	60.00	0.00032	60.00	50.00	0.00034	
60.00	40.00	0.00037	60.00	30.00	0.00041	
60.00	25.00	0.00043	60.00	20.00	0.00045	
60.00	17.00	0.00047	60.00	15.00	0.00048	
60.00	13.00	0.00049	60.00	11.00	0.00051	
60.00	9.00	0.00053	60.00	-9.00	0.00077	
60.00	-11.00	0.00080	60.00	-13.00	0.00082	
60.00	-15.00	0.00084	60.00	-17.00	0.00086	
60.00	-20.00	0.00089	60.00	-25.00	0.00094	
60.00	-30.00	0.00098	60.00	-40.00	0.00104	
60.00	-50.00	0.00106	60.00	-60.00	0.00104	
60.00	-70.00	0.00100	60.00	-80.00	0.00095	

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

60.00 -90.00 0.00090 60.00 -100.00 0.00084

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

17:29:17

\*\*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
70.00	100.00	0.00034	70.00	90.00	0.00034
70.00	80.00	0.00035	70.00	70.00	0.00036
70.00	60.00	0.00037	70.00	50.00	0.00039
70.00	40.00	0.00042	70.00	30.00	0.00046
70.00	25.00	0.00048	70.00	20.00	0.00051
70.00	17.00	0.00053	70.00	15.00	0.00055
70.00	13.00	0.00056	70.00	11.00	0.00058
70.00	9.00	0.00061	70.00	-9.00	0.00092
70.00	-11.00	0.00095	70.00	-13.00	0.00098
70.00	-15.00	0.00100	70.00	-17.00	0.00103
70.00	-20.00	0.00106	70.00	-25.00	0.00112
70.00	-30.00	0.00117	70.00	-40.00	0.00123
70.00	-50.00	0.00123	70.00	-60.00	0.00119
70.00	-70.00	0.00113	70.00	-80.00	0.00106
70.00	-90.00	0.00099	70.00	-100.00	0.00092
80.00	100.00	0.00040	80.00	90.00	0.00041
80.00	80.00	0.00042	80.00	70.00	0.00043
80.00	60.00	0.00044	80.00	50.00	0.00045
80.00	40.00	0.00048	80.00	30.00	0.00052
80.00	25.00	0.00055	80.00	20.00	0.00059
80.00	17.00	0.00061	80.00	15.00	0.00063
80.00	13.00	0.00065	80.00	11.00	0.00067
80.00	9.00	0.00070	80.00	-9.00	0.00110
80.00	-11.00	0.00114	80.00	-13.00	0.00118
80.00	-15.00	0.00121	80.00	-17.00	0.00124
80.00	-20.00	0.00129	80.00	-25.00	0.00136
80.00	-30.00	0.00141	80.00	-40.00	0.00146
80.00	-50.00	0.00143	80.00	-60.00	0.00136
80.00	-70.00	0.00128	80.00	-80.00	0.00119
80.00	-90.00	0.00110	80.00	-100.00	0.00102
90.00	100.00	0.00049	90.00	90.00	0.00050
90.00	80.00	0.00051	90.00	70.00	0.00052
90.00	60.00	0.00053	90.00	50.00	0.00054

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	40.00	0.00057	90.00	30.00	0.00061
90.00	25.00	0.00064	90.00	20.00	0.00068
90.00	17.00	0.00071	90.00	15.00	0.00073
90.00	13.00	0.00075	90.00	11.00	0.00078
90.00	9.00	0.00081	90.00	-9.00	0.00134
90.00	-11.00	0.00139	90.00	-13.00	0.00144
90.00	-15.00	0.00148	90.00	-17.00	0.00153

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West 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
90.00	-20.00	0.00159	90.00	-25.00	0.00167
90.00	-30.00	0.00172	90.00	-40.00	0.00173
90.00	-50.00	0.00166	90.00	-60.00	0.00156
90.00	-70.00	0.00144	90.00	-80.00	0.00133
90.00	-90.00	0.00122	90.00	-100.00	0.00112
100.00	100.00	0.00062	100.00	90.00	0.00063
100.00	80.00	0.00064	100.00	70.00	0.00065
100.00	60.00	0.00066	100.00	50.00	0.00067
100.00	40.00	0.00069	100.00	30.00	0.00072
100.00	25.00	0.00075	100.00	20.00	0.00079
100.00	17.00	0.00083	100.00	15.00	0.00085
100.00	13.00	0.00088	100.00	11.00	0.00092
100.00	9.00	0.00096	100.00	-9.00	0.00166
100.00	-11.00	0.00173	100.00	-13.00	0.00180
100.00	-15.00	0.00186	100.00	-17.00	0.00192
100.00	-20.00	0.00199	100.00	-25.00	0.00206
100.00	-30.00	0.00209	100.00	-40.00	0.00205
100.00	-50.00	0.00194	100.00	-60.00	0.00179
100.00	-70.00	0.00164	100.00	-80.00	0.00149
100.00	-90.00	0.00136	100.00	-100.00	0.00123
110.00	100.00	0.00080	110.00	90.00	0.00083
110.00	80.00	0.00085	110.00	70.00	0.00088
110.00	60.00	0.00089	110.00	50.00	0.00089
110.00	40.00	0.00089	110.00	30.00	0.00089
110.00	25.00	0.00091	110.00	20.00	0.00095
110.00	17.00	0.00098	110.00	15.00	0.00100
110.00	13.00	0.00104	110.00	11.00	0.00108

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	9.00	0.00113	110.00	-9.00	0.00211
110.00	-11.00	0.00221	110.00	-13.00	0.00230
110.00	-15.00	0.00237	110.00	-17.00	0.00243
110.00	-20.00	0.00250	110.00	-25.00	0.00255
110.00	-30.00	0.00254	110.00	-40.00	0.00244
110.00	-50.00	0.00226	110.00	-60.00	0.00206
110.00	-70.00	0.00186	110.00	-80.00	0.00167
110.00	-90.00	0.00149	110.00	-100.00	0.00134
120.00	100.00	0.00103	120.00	90.00	0.00109
120.00	80.00	0.00116	120.00	70.00	0.00122
120.00	60.00	0.00127	120.00	50.00	0.00130
120.00	40.00	0.00130	120.00	30.00	0.00125
120.00	25.00	0.00123	120.00	20.00	0.00121

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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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
120.00	17.00	0.00122	120.00	15.00	0.00124
120.00	13.00	0.00126	120.00	11.00	0.00130
120.00	9.00	0.00135	120.00	-9.00	0.00277
120.00	-11.00	0.00290	120.00	-13.00	0.00299
120.00	-15.00	0.00306	120.00	-17.00	0.00310
120.00	-20.00	0.00314	120.00	-25.00	0.00315
120.00	-30.00	0.00310	120.00	-40.00	0.00290
120.00	-50.00	0.00263	120.00	-60.00	0.00234
120.00	-70.00	0.00207	120.00	-80.00	0.00182
120.00	-90.00	0.00161	120.00	-100.00	0.00143
130.00	100.00	0.00128	130.00	90.00	0.00140
130.00	80.00	0.00153	130.00	70.00	0.00167
130.00	60.00	0.00183	130.00	50.00	0.00198
130.00	40.00	0.00212	130.00	30.00	0.00219
130.00	25.00	0.00218	130.00	20.00	0.00212
130.00	17.00	0.00206	130.00	15.00	0.00200
130.00	13.00	0.00195	130.00	11.00	0.00191
130.00	9.00	0.00188	130.00	-9.00	0.00388
130.00	-11.00	0.00395	130.00	-13.00	0.00399
130.00	-15.00	0.00401	130.00	-17.00	0.00401
130.00	-20.00	0.00398	130.00	-25.00	0.00388

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-30.00	0.00373	130.00	-40.00	0.00336
130.00	-50.00	0.00295	130.00	-60.00	0.00257
130.00	-70.00	0.00223	130.00	-80.00	0.00194
130.00	-90.00	0.00170	130.00	-100.00	0.00149
140.00	100.00	0.00151	140.00	90.00	0.00167
140.00	80.00	0.00187	140.00	70.00	0.00210
140.00	60.00	0.00237	140.00	50.00	0.00267
140.00	40.00	0.00302	140.00	30.00	0.00341
140.00	25.00	0.00362	140.00	20.00	0.00383
140.00	17.00	0.00396	140.00	15.00	0.00404
140.00	13.00	0.00413	140.00	11.00	0.00424
140.00	9.00	0.00438	140.00	-9.00	0.00508
140.00	-11.00	0.00498	140.00	-13.00	0.00490
140.00	-15.00	0.00482	140.00	-17.00	0.00474
140.00	-20.00	0.00462	140.00	-25.00	0.00440
140.00	-30.00	0.00416	140.00	-40.00	0.00365
140.00	-50.00	0.00315	140.00	-60.00	0.00270
140.00	-70.00	0.00233	140.00	-80.00	0.00201
140.00	-90.00	0.00174	140.00	-100.00	0.00152

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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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
150.00	100.00	0.00169	150.00	90.00	0.00190
150.00	80.00	0.00214	150.00	70.00	0.00243
150.00	60.00	0.00278	150.00	50.00	0.00319
150.00	40.00	0.00367	150.00	30.00	0.00422
150.00	25.00	0.00452	150.00	20.00	0.00482
150.00	17.00	0.00498	150.00	15.00	0.00508
150.00	13.00	0.00518	150.00	11.00	0.00526
150.00	9.00	0.00536	150.00	-9.00	0.00528
150.00	-11.00	0.00518	150.00	-13.00	0.00510
150.00	-15.00	0.00502	150.00	-17.00	0.00494
150.00	-20.00	0.00482	150.00	-25.00	0.00458
150.00	-30.00	0.00431	150.00	-40.00	0.00374
150.00	-50.00	0.00321	150.00	-60.00	0.00274
150.00	-70.00	0.00234	150.00	-80.00	0.00201
150.00	-90.00	0.00173	150.00	-100.00	0.00150

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	100.00	0.00183	160.00	90.00	0.00207
160.00	80.00	0.00235	160.00	70.00	0.00269
160.00	60.00	0.00309	160.00	50.00	0.00355
160.00	40.00	0.00410	160.00	30.00	0.00470
160.00	25.00	0.00502	160.00	20.00	0.00532
160.00	17.00	0.00547	160.00	15.00	0.00555
160.00	13.00	0.00562	160.00	11.00	0.00567
160.00	9.00	0.00573	160.00	-9.00	0.00530
160.00	-11.00	0.00519	160.00	-13.00	0.00509
160.00	-15.00	0.00501	160.00	-17.00	0.00492
160.00	-20.00	0.00479	160.00	-25.00	0.00454
160.00	-30.00	0.00427	160.00	-40.00	0.00370
160.00	-50.00	0.00317	160.00	-60.00	0.00270
160.00	-70.00	0.00230	160.00	-80.00	0.00196
160.00	-90.00	0.00169	160.00	-100.00	0.00146
170.00	100.00	0.00193	170.00	90.00	0.00219
170.00	80.00	0.00249	170.00	70.00	0.00286
170.00	60.00	0.00328	170.00	50.00	0.00379
170.00	40.00	0.00436	170.00	30.00	0.00498
170.00	25.00	0.00528	170.00	20.00	0.00556
170.00	17.00	0.00569	170.00	15.00	0.00576
170.00	13.00	0.00582	170.00	11.00	0.00585
170.00	9.00	0.00588	170.00	-9.00	0.00521
170.00	-11.00	0.00509	170.00	-13.00	0.00499
170.00	-15.00	0.00489	170.00	-17.00	0.00479

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

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 \*\*MODELOPTs:  
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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
170.00	-20.00	0.00464	170.00	-25.00	0.00437
170.00	-30.00	0.00409	170.00	-40.00	0.00354
170.00	-50.00	0.00303	170.00	-60.00	0.00258
170.00	-70.00	0.00219	170.00	-80.00	0.00187
170.00	-90.00	0.00160	170.00	-100.00	0.00138
180.00	100.00	0.00196	180.00	90.00	0.00224
180.00	80.00	0.00256	180.00	70.00	0.00294
180.00	60.00	0.00339	180.00	50.00	0.00391
180.00	40.00	0.00450	180.00	30.00	0.00511

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	25.00	0.00540	180.00	20.00	0.00566
180.00	17.00	0.00578	180.00	15.00	0.00584
180.00	13.00	0.00588	180.00	11.00	0.00589
180.00	9.00	0.00591	180.00	-9.00	0.00503
180.00	-11.00	0.00489	180.00	-13.00	0.00477
180.00	-15.00	0.00466	180.00	-17.00	0.00455
180.00	-20.00	0.00439	180.00	-25.00	0.00410
180.00	-30.00	0.00382	180.00	-40.00	0.00329
180.00	-50.00	0.00281	180.00	-60.00	0.00239
180.00	-70.00	0.00203	180.00	-80.00	0.00173
180.00	-90.00	0.00148	180.00	-100.00	0.00127
190.00	100.00	0.00194	190.00	90.00	0.00222
190.00	80.00	0.00255	190.00	70.00	0.00294
190.00	60.00	0.00340	190.00	50.00	0.00393
190.00	40.00	0.00452	190.00	30.00	0.00513
190.00	25.00	0.00543	190.00	20.00	0.00567
190.00	17.00	0.00578	190.00	15.00	0.00583
190.00	13.00	0.00585	190.00	11.00	0.00585
190.00	9.00	0.00585	190.00	-9.00	0.00473
190.00	-11.00	0.00457	190.00	-13.00	0.00443
190.00	-15.00	0.00430	190.00	-17.00	0.00418
190.00	-20.00	0.00400	190.00	-25.00	0.00371
190.00	-30.00	0.00344	190.00	-40.00	0.00295
190.00	-50.00	0.00251	190.00	-60.00	0.00213
190.00	-70.00	0.00181	190.00	-80.00	0.00154
190.00	-90.00	0.00132	190.00	-100.00	0.00113
200.00	100.00	0.00184	200.00	90.00	0.00211
200.00	80.00	0.00243	200.00	70.00	0.00282
200.00	60.00	0.00328	200.00	50.00	0.00382
200.00	40.00	0.00442	200.00	30.00	0.00505
200.00	25.00	0.00534	200.00	20.00	0.00559

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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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
200.00	17.00	0.00570	200.00	15.00	0.00574
200.00	13.00	0.00575	200.00	11.00	0.00574
200.00	9.00	0.00572	200.00	-9.00	0.00427

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-11.00	0.00408	200.00	-13.00	0.00392
200.00	-15.00	0.00377	200.00	-17.00	0.00364
200.00	-20.00	0.00346	200.00	-25.00	0.00320
200.00	-30.00	0.00296	200.00	-40.00	0.00252
200.00	-50.00	0.00213	200.00	-60.00	0.00180
200.00	-70.00	0.00153	200.00	-80.00	0.00131
200.00	-90.00	0.00113	200.00	-100.00	0.00099
210.00	100.00	0.00166	210.00	90.00	0.00190
210.00	80.00	0.00219	210.00	70.00	0.00254
210.00	60.00	0.00296	210.00	50.00	0.00347
210.00	40.00	0.00407	210.00	30.00	0.00474
210.00	25.00	0.00508	210.00	20.00	0.00537
210.00	17.00	0.00548	210.00	15.00	0.00553
210.00	13.00	0.00555	210.00	11.00	0.00555
210.00	9.00	0.00552	210.00	-9.00	0.00358
210.00	-11.00	0.00335	210.00	-13.00	0.00318
210.00	-15.00	0.00304	210.00	-17.00	0.00293
210.00	-20.00	0.00277	210.00	-25.00	0.00255
210.00	-30.00	0.00234	210.00	-40.00	0.00199
210.00	-50.00	0.00169	210.00	-60.00	0.00145
210.00	-70.00	0.00125	210.00	-80.00	0.00108
210.00	-90.00	0.00095	210.00	-100.00	0.00084
220.00	100.00	0.00145	220.00	90.00	0.00164
220.00	80.00	0.00187	220.00	70.00	0.00214
220.00	60.00	0.00245	220.00	50.00	0.00283
220.00	40.00	0.00328	220.00	30.00	0.00383
220.00	25.00	0.00414	220.00	20.00	0.00447
220.00	17.00	0.00465	220.00	15.00	0.00477
220.00	13.00	0.00487	220.00	11.00	0.00494
220.00	9.00	0.00499	220.00	-9.00	0.00242
220.00	-11.00	0.00224	220.00	-13.00	0.00211
220.00	-15.00	0.00202	220.00	-17.00	0.00194
220.00	-20.00	0.00185	220.00	-25.00	0.00173
220.00	-30.00	0.00162	220.00	-40.00	0.00143
220.00	-50.00	0.00126	220.00	-60.00	0.00111
220.00	-70.00	0.00098	220.00	-80.00	0.00087
220.00	-90.00	0.00078	220.00	-100.00	0.00070

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S1  
 INCLUDING SOURCE(S): NCRA\_S1 ,

09NCRA\_NAPA00-300 DPM TRAV ANN E-W 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
230.00	100.00	0.00125	230.00	90.00	0.00139
230.00	80.00	0.00155	230.00	70.00	0.00173
230.00	60.00	0.00193	230.00	50.00	0.00216
230.00	40.00	0.00239	230.00	30.00	0.00261
230.00	25.00	0.00270	230.00	20.00	0.00275
230.00	17.00	0.00274	230.00	15.00	0.00271
230.00	13.00	0.00266	230.00	11.00	0.00258
230.00	9.00	0.00247	230.00	-9.00	0.00111
230.00	-11.00	0.00111	230.00	-13.00	0.00111
230.00	-15.00	0.00111	230.00	-17.00	0.00111
230.00	-20.00	0.00110	230.00	-25.00	0.00109
230.00	-30.00	0.00107	230.00	-40.00	0.00100
230.00	-50.00	0.00093	230.00	-60.00	0.00085
230.00	-70.00	0.00077	230.00	-80.00	0.00070
230.00	-90.00	0.00063	230.00	-100.00	0.00058
240.00	100.00	0.00107	240.00	90.00	0.00117
240.00	80.00	0.00128	240.00	70.00	0.00140
240.00	60.00	0.00152	240.00	50.00	0.00164
240.00	40.00	0.00173	240.00	30.00	0.00178
240.00	25.00	0.00178	240.00	20.00	0.00173
240.00	17.00	0.00168	240.00	15.00	0.00163
240.00	13.00	0.00157	240.00	11.00	0.00151
240.00	9.00	0.00143	240.00	-9.00	0.00079
240.00	-11.00	0.00078	240.00	-13.00	0.00077
240.00	-15.00	0.00077	240.00	-17.00	0.00076
240.00	-20.00	0.00076	240.00	-25.00	0.00076
240.00	-30.00	0.00075	240.00	-40.00	0.00073
240.00	-50.00	0.00070	240.00	-60.00	0.00065
240.00	-70.00	0.00061	240.00	-80.00	0.00056
240.00	-90.00	0.00052	240.00	-100.00	0.00048
250.00	100.00	0.00091	250.00	90.00	0.00098
250.00	80.00	0.00105	250.00	70.00	0.00112
250.00	60.00	0.00119	250.00	50.00	0.00125
250.00	40.00	0.00128	250.00	30.00	0.00126
250.00	25.00	0.00123	250.00	20.00	0.00117
250.00	17.00	0.00113	250.00	15.00	0.00110
250.00	13.00	0.00106	250.00	11.00	0.00102
250.00	9.00	0.00098	250.00	-9.00	0.00061
250.00	-11.00	0.00060	250.00	-13.00	0.00060
250.00	-15.00	0.00060	250.00	-17.00	0.00059

04/20/08

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*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
250.00	-20.00	0.00059	250.00	-25.00	0.00058
250.00	-30.00	0.00057	250.00	-40.00	0.00055
250.00	-50.00	0.00053	250.00	-60.00	0.00051
250.00	-70.00	0.00048	250.00	-80.00	0.00046
250.00	-90.00	0.00043	250.00	-100.00	0.00040

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*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
-250.00	100.00	0.00006	-250.00	90.00	0.00006
-250.00	80.00	0.00006	-250.00	70.00	0.00006
-250.00	60.00	0.00007	-250.00	50.00	0.00007
-250.00	40.00	0.00007	-250.00	30.00	0.00008
-250.00	25.00	0.00008	-250.00	20.00	0.00008
-250.00	17.00	0.00008	-250.00	15.00	0.00008
-250.00	13.00	0.00009	-250.00	11.00	0.00009
-250.00	9.00	0.00009	-250.00	-9.00	0.00010
-250.00	-11.00	0.00010	-250.00	-13.00	0.00010
-250.00	-15.00	0.00011	-250.00	-17.00	0.00011
-250.00	-20.00	0.00011	-250.00	-25.00	0.00011
-250.00	-30.00	0.00012	-250.00	-40.00	0.00012
-250.00	-50.00	0.00013	-250.00	-60.00	0.00013
-250.00	-70.00	0.00013	-250.00	-80.00	0.00014
-250.00	-90.00	0.00014	-250.00	-100.00	0.00015
-240.00	100.00	0.00006	-240.00	90.00	0.00006
-240.00	80.00	0.00006	-240.00	70.00	0.00007
-240.00	60.00	0.00007	-240.00	50.00	0.00007
-240.00	40.00	0.00008	-240.00	30.00	0.00008
-240.00	25.00	0.00008	-240.00	20.00	0.00009

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	17.00	0.00009	-240.00	15.00	0.00009
-240.00	13.00	0.00009	-240.00	11.00	0.00009
-240.00	9.00	0.00009	-240.00	-9.00	0.00011
-240.00	-11.00	0.00011	-240.00	-13.00	0.00011
-240.00	-15.00	0.00011	-240.00	-17.00	0.00011
-240.00	-20.00	0.00012	-240.00	-25.00	0.00012
-240.00	-30.00	0.00012	-240.00	-40.00	0.00013
-240.00	-50.00	0.00013	-240.00	-60.00	0.00014
-240.00	-70.00	0.00014	-240.00	-80.00	0.00015
-240.00	-90.00	0.00015	-240.00	-100.00	0.00016
-230.00	100.00	0.00006	-230.00	90.00	0.00007
-230.00	80.00	0.00007	-230.00	70.00	0.00007
-230.00	60.00	0.00007	-230.00	50.00	0.00008
-230.00	40.00	0.00008	-230.00	30.00	0.00008
-230.00	25.00	0.00009	-230.00	20.00	0.00009
-230.00	17.00	0.00009	-230.00	15.00	0.00009
-230.00	13.00	0.00009	-230.00	11.00	0.00010
-230.00	9.00	0.00010	-230.00	-9.00	0.00011
-230.00	-11.00	0.00012	-230.00	-13.00	0.00012
-230.00	-15.00	0.00012	-230.00	-17.00	0.00012

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

17:29:17  
 \*\*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
-230.00	-20.00	0.00012	-230.00	-25.00	0.00013
-230.00	-30.00	0.00013	-230.00	-40.00	0.00014
-230.00	-50.00	0.00014	-230.00	-60.00	0.00015
-230.00	-70.00	0.00015	-230.00	-80.00	0.00016
-230.00	-90.00	0.00016	-230.00	-100.00	0.00017
-220.00	100.00	0.00007	-220.00	90.00	0.00007
-220.00	80.00	0.00007	-220.00	70.00	0.00007
-220.00	60.00	0.00008	-220.00	50.00	0.00008
-220.00	40.00	0.00008	-220.00	30.00	0.00009
-220.00	25.00	0.00009	-220.00	20.00	0.00009
-220.00	17.00	0.00010	-220.00	15.00	0.00010
-220.00	13.00	0.00010	-220.00	11.00	0.00010
-220.00	9.00	0.00010	-220.00	-9.00	0.00012
-220.00	-11.00	0.00012	-220.00	-13.00	0.00012

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-220.00	-15.00	0.00013	-220.00	-17.00	0.00013
-220.00	-20.00	0.00013	-220.00	-25.00	0.00014
-220.00	-30.00	0.00014	-220.00	-40.00	0.00015
-220.00	-50.00	0.00015	-220.00	-60.00	0.00016
-220.00	-70.00	0.00016	-220.00	-80.00	0.00017
-220.00	-90.00	0.00017	-220.00	-100.00	0.00018
-210.00	100.00	0.00007	-210.00	90.00	0.00007
-210.00	80.00	0.00007	-210.00	70.00	0.00008
-210.00	60.00	0.00008	-210.00	50.00	0.00008
-210.00	40.00	0.00009	-210.00	30.00	0.00009
-210.00	25.00	0.00010	-210.00	20.00	0.00010
-210.00	17.00	0.00010	-210.00	15.00	0.00010
-210.00	13.00	0.00011	-210.00	11.00	0.00011
-210.00	9.00	0.00011	-210.00	-9.00	0.00013
-210.00	-11.00	0.00013	-210.00	-13.00	0.00013
-210.00	-15.00	0.00014	-210.00	-17.00	0.00014
-210.00	-20.00	0.00014	-210.00	-25.00	0.00015
-210.00	-30.00	0.00015	-210.00	-40.00	0.00016
-210.00	-50.00	0.00016	-210.00	-60.00	0.00017
-210.00	-70.00	0.00017	-210.00	-80.00	0.00018
-210.00	-90.00	0.00018	-210.00	-100.00	0.00019
-200.00	100.00	0.00007	-200.00	90.00	0.00008
-200.00	80.00	0.00008	-200.00	70.00	0.00008
-200.00	60.00	0.00009	-200.00	50.00	0.00009
-200.00	40.00	0.00009	-200.00	30.00	0.00010
-200.00	25.00	0.00010	-200.00	20.00	0.00011

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17  
 \*\*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
-200.00	17.00	0.00011	-200.00	15.00	0.00011
-200.00	13.00	0.00011	-200.00	11.00	0.00011
-200.00	9.00	0.00012	-200.00	-9.00	0.00014
-200.00	-11.00	0.00014	-200.00	-13.00	0.00014
-200.00	-15.00	0.00014	-200.00	-17.00	0.00015
-200.00	-20.00	0.00015	-200.00	-25.00	0.00016
-200.00	-30.00	0.00016	-200.00	-40.00	0.00017
-200.00	-50.00	0.00017	-200.00	-60.00	0.00018

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-200.00	-70.00	0.00019	-200.00	-80.00	0.00019
-200.00	-90.00	0.00020	-200.00	-100.00	0.00020
-190.00	100.00	0.00008	-190.00	90.00	0.00008
-190.00	80.00	0.00008	-190.00	70.00	0.00009
-190.00	60.00	0.00009	-190.00	50.00	0.00009
-190.00	40.00	0.00010	-190.00	30.00	0.00010
-190.00	25.00	0.00011	-190.00	20.00	0.00011
-190.00	17.00	0.00012	-190.00	15.00	0.00012
-190.00	13.00	0.00012	-190.00	11.00	0.00012
-190.00	9.00	0.00012	-190.00	-9.00	0.00015
-190.00	-11.00	0.00015	-190.00	-13.00	0.00015
-190.00	-15.00	0.00015	-190.00	-17.00	0.00016
-190.00	-20.00	0.00016	-190.00	-25.00	0.00017
-190.00	-30.00	0.00017	-190.00	-40.00	0.00018
-190.00	-50.00	0.00019	-190.00	-60.00	0.00019
-190.00	-70.00	0.00020	-190.00	-80.00	0.00021
-190.00	-90.00	0.00021	-190.00	-100.00	0.00022
-180.00	100.00	0.00008	-180.00	90.00	0.00008
-180.00	80.00	0.00009	-180.00	70.00	0.00009
-180.00	60.00	0.00010	-180.00	50.00	0.00010
-180.00	40.00	0.00010	-180.00	30.00	0.00011
-180.00	25.00	0.00011	-180.00	20.00	0.00012
-180.00	17.00	0.00012	-180.00	15.00	0.00012
-180.00	13.00	0.00013	-180.00	11.00	0.00013
-180.00	9.00	0.00013	-180.00	-9.00	0.00016
-180.00	-11.00	0.00016	-180.00	-13.00	0.00016
-180.00	-15.00	0.00017	-180.00	-17.00	0.00017
-180.00	-20.00	0.00017	-180.00	-25.00	0.00018
-180.00	-30.00	0.00018	-180.00	-40.00	0.00019
-180.00	-50.00	0.00020	-180.00	-60.00	0.00021
-180.00	-70.00	0.00022	-180.00	-80.00	0.00022
-180.00	-90.00	0.00023	-180.00	-100.00	0.00024

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17

\*\*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
-170.00	100.00	0.00008	-170.00	90.00	0.00009
-170.00	80.00	0.00009	-170.00	70.00	0.00010

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17  
 \*\*MODELOPTS:  
 PAGE 47

CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

09NCRA NAPA00-300\_DPM\_TRAV ANN E-W 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	
-150.00	-20.00	0.00022	-150.00	-25.00	0.00023	
-150.00	-30.00	0.00023	-150.00	-40.00	0.00025	
-150.00	-50.00	0.00026	-150.00	-60.00	0.00027	
-150.00	-70.00	0.00028	-150.00	-80.00	0.00029	
-150.00	-90.00	0.00029	-150.00	-100.00	0.00030	
-140.00	100.00	0.00010	-140.00	90.00	0.00011	
-140.00	80.00	0.00011	-140.00	70.00	0.00012	
-140.00	60.00	0.00012	-140.00	50.00	0.00013	
-140.00	40.00	0.00014	-140.00	30.00	0.00014	
-140.00	25.00	0.00015	-140.00	20.00	0.00016	
-140.00	17.00	0.00016	-140.00	15.00	0.00016	
-140.00	13.00	0.00017	-140.00	11.00	0.00017	
-140.00	9.00	0.00018	-140.00	-9.00	0.00022	
-140.00	-11.00	0.00022	-140.00	-13.00	0.00022	
-140.00	-15.00	0.00023	-140.00	-17.00	0.00023	
-140.00	-20.00	0.00024	-140.00	-25.00	0.00025	
-140.00	-30.00	0.00026	-140.00	-40.00	0.00027	
-140.00	-50.00	0.00028	-140.00	-60.00	0.00029	
-140.00	-70.00	0.00030	-140.00	-80.00	0.00031	
-140.00	-90.00	0.00032	-140.00	-100.00	0.00032	
-130.00	100.00	0.00011	-130.00	90.00	0.00011	
-130.00	80.00	0.00012	-130.00	70.00	0.00012	
-130.00	60.00	0.00013	-130.00	50.00	0.00014	
-130.00	40.00	0.00015	-130.00	30.00	0.00016	
-130.00	25.00	0.00016	-130.00	20.00	0.00017	
-130.00	17.00	0.00017	-130.00	15.00	0.00018	
-130.00	13.00	0.00018	-130.00	11.00	0.00018	
-130.00	9.00	0.00019	-130.00	-9.00	0.00023	
-130.00	-11.00	0.00024	-130.00	-13.00	0.00024	
-130.00	-15.00	0.00025	-130.00	-17.00	0.00025	
-130.00	-20.00	0.00026	-130.00	-25.00	0.00027	
-130.00	-30.00	0.00028	-130.00	-40.00	0.00029	
-130.00	-50.00	0.00031	-130.00	-60.00	0.00032	
-130.00	-70.00	0.00033	-130.00	-80.00	0.00034	
-130.00	-90.00	0.00035	-130.00	-100.00	0.00035	
-120.00	100.00	0.00012	-120.00	90.00	0.00012	
-120.00	80.00	0.00013	-120.00	70.00	0.00013	
-120.00	60.00	0.00014	-120.00	50.00	0.00015	
-120.00	40.00	0.00016	-120.00	30.00	0.00017	
-120.00	25.00	0.00017	-120.00	20.00	0.00018	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*MODELOPTs:

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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
-120.00	17.00	0.00019	-120.00	15.00	0.00019
-120.00	13.00	0.00020	-120.00	11.00	0.00020
-120.00	9.00	0.00021	-120.00	-9.00	0.00026
-120.00	-11.00	0.00026	-120.00	-13.00	0.00027
-120.00	-15.00	0.00027	-120.00	-17.00	0.00028
-120.00	-20.00	0.00029	-120.00	-25.00	0.00030
-120.00	-30.00	0.00031	-120.00	-40.00	0.00032
-120.00	-50.00	0.00034	-120.00	-60.00	0.00035
-120.00	-70.00	0.00037	-120.00	-80.00	0.00038
-120.00	-90.00	0.00038	-120.00	-100.00	0.00038
-110.00	100.00	0.00012	-110.00	90.00	0.00013
-110.00	80.00	0.00014	-110.00	70.00	0.00014
-110.00	60.00	0.00015	-110.00	50.00	0.00016
-110.00	40.00	0.00017	-110.00	30.00	0.00018
-110.00	25.00	0.00019	-110.00	20.00	0.00020
-110.00	17.00	0.00020	-110.00	15.00	0.00021
-110.00	13.00	0.00021	-110.00	11.00	0.00022
-110.00	9.00	0.00022	-110.00	-9.00	0.00028
-110.00	-11.00	0.00029	-110.00	-13.00	0.00030
-110.00	-15.00	0.00030	-110.00	-17.00	0.00031
-110.00	-20.00	0.00032	-110.00	-25.00	0.00033
-110.00	-30.00	0.00034	-110.00	-40.00	0.00036
-110.00	-50.00	0.00038	-110.00	-60.00	0.00039
-110.00	-70.00	0.00041	-110.00	-80.00	0.00042
-110.00	-90.00	0.00042	-110.00	-100.00	0.00042
-100.00	100.00	0.00014	-100.00	90.00	0.00014
-100.00	80.00	0.00015	-100.00	70.00	0.00015
-100.00	60.00	0.00016	-100.00	50.00	0.00017
-100.00	40.00	0.00019	-100.00	30.00	0.00020
-100.00	25.00	0.00021	-100.00	20.00	0.00021
-100.00	17.00	0.00022	-100.00	15.00	0.00023
-100.00	13.00	0.00023	-100.00	11.00	0.00024
-100.00	9.00	0.00024	-100.00	-9.00	0.00031
-100.00	-11.00	0.00032	-100.00	-13.00	0.00033

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-15.00	0.00034	-100.00	-17.00	0.00034
-100.00	-20.00	0.00035	-100.00	-25.00	0.00037
-100.00	-30.00	0.00038	-100.00	-40.00	0.00040
-100.00	-50.00	0.00042	-100.00	-60.00	0.00044
-100.00	-70.00	0.00045	-100.00	-80.00	0.00046
-100.00	-90.00	0.00046	-100.00	-100.00	0.00045

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*MODELOPTs:

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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
-90.00	100.00	0.00015	-90.00	90.00	0.00015
-90.00	80.00	0.00016	-90.00	70.00	0.00017
-90.00	60.00	0.00018	-90.00	50.00	0.00019
-90.00	40.00	0.00020	-90.00	30.00	0.00022
-90.00	25.00	0.00022	-90.00	20.00	0.00023
-90.00	17.00	0.00024	-90.00	15.00	0.00025
-90.00	13.00	0.00025	-90.00	11.00	0.00026
-90.00	9.00	0.00027	-90.00	-9.00	0.00035
-90.00	-11.00	0.00036	-90.00	-13.00	0.00037
-90.00	-15.00	0.00037	-90.00	-17.00	0.00038
-90.00	-20.00	0.00039	-90.00	-25.00	0.00041
-90.00	-30.00	0.00042	-90.00	-40.00	0.00045
-90.00	-50.00	0.00047	-90.00	-60.00	0.00049
-90.00	-70.00	0.00050	-90.00	-80.00	0.00051
-90.00	-90.00	0.00050	-90.00	-100.00	0.00049
-80.00	100.00	0.00016	-80.00	90.00	0.00017
-80.00	80.00	0.00017	-80.00	70.00	0.00018
-80.00	60.00	0.00019	-80.00	50.00	0.00021
-80.00	40.00	0.00022	-80.00	30.00	0.00024
-80.00	25.00	0.00025	-80.00	20.00	0.00026
-80.00	17.00	0.00027	-80.00	15.00	0.00027
-80.00	13.00	0.00028	-80.00	11.00	0.00029
-80.00	9.00	0.00030	-80.00	-9.00	0.00039
-80.00	-11.00	0.00040	-80.00	-13.00	0.00041
-80.00	-15.00	0.00042	-80.00	-17.00	0.00043
-80.00	-20.00	0.00044	-80.00	-25.00	0.00046
-80.00	-30.00	0.00047	-80.00	-40.00	0.00050
-80.00	-50.00	0.00053	-80.00	-60.00	0.00055

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-80.00	-70.00	0.00056	-80.00	-80.00	0.00056
-80.00	-90.00	0.00055	-80.00	-100.00	0.00054
-70.00	100.00	0.00018	-70.00	90.00	0.00018
-70.00	80.00	0.00019	-70.00	70.00	0.00020
-70.00	60.00	0.00021	-70.00	50.00	0.00022
-70.00	40.00	0.00024	-70.00	30.00	0.00026
-70.00	25.00	0.00027	-70.00	20.00	0.00028
-70.00	17.00	0.00029	-70.00	15.00	0.00030
-70.00	13.00	0.00031	-70.00	11.00	0.00032
-70.00	9.00	0.00033	-70.00	-9.00	0.00044
-70.00	-11.00	0.00045	-70.00	-13.00	0.00046
-70.00	-15.00	0.00047	-70.00	-17.00	0.00048

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West 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
-70.00	-20.00	0.00050	-70.00	-25.00	0.00052
-70.00	-30.00	0.00054	-70.00	-40.00	0.00057
-70.00	-50.00	0.00060	-70.00	-60.00	0.00062
-70.00	-70.00	0.00063	-70.00	-80.00	0.00062
-70.00	-90.00	0.00061	-70.00	-100.00	0.00058
-60.00	100.00	0.00020	-60.00	90.00	0.00020
-60.00	80.00	0.00021	-60.00	70.00	0.00022
-60.00	60.00	0.00023	-60.00	50.00	0.00025
-60.00	40.00	0.00027	-60.00	30.00	0.00029
-60.00	25.00	0.00030	-60.00	20.00	0.00032
-60.00	17.00	0.00033	-60.00	15.00	0.00034
-60.00	13.00	0.00034	-60.00	11.00	0.00035
-60.00	9.00	0.00037	-60.00	-9.00	0.00050
-60.00	-11.00	0.00051	-60.00	-13.00	0.00053
-60.00	-15.00	0.00054	-60.00	-17.00	0.00055
-60.00	-20.00	0.00057	-60.00	-25.00	0.00059
-60.00	-30.00	0.00061	-60.00	-40.00	0.00066
-60.00	-50.00	0.00069	-60.00	-60.00	0.00071
-60.00	-70.00	0.00071	-60.00	-80.00	0.00069
-60.00	-90.00	0.00067	-60.00	-100.00	0.00064
-50.00	100.00	0.00022	-50.00	90.00	0.00023
-50.00	80.00	0.00023	-50.00	70.00	0.00024

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	60.00	0.00026	-50.00	50.00	0.00027
-50.00	40.00	0.00030	-50.00	30.00	0.00032
-50.00	25.00	0.00034	-50.00	20.00	0.00035
-50.00	17.00	0.00037	-50.00	15.00	0.00038
-50.00	13.00	0.00039	-50.00	11.00	0.00040
-50.00	9.00	0.00041	-50.00	-9.00	0.00057
-50.00	-11.00	0.00059	-50.00	-13.00	0.00061
-50.00	-15.00	0.00062	-50.00	-17.00	0.00063
-50.00	-20.00	0.00065	-50.00	-25.00	0.00068
-50.00	-30.00	0.00071	-50.00	-40.00	0.00076
-50.00	-50.00	0.00079	-50.00	-60.00	0.00080
-50.00	-70.00	0.00079	-50.00	-80.00	0.00077
-50.00	-90.00	0.00073	-50.00	-100.00	0.00070
-40.00	100.00	0.00025	-40.00	90.00	0.00026
-40.00	80.00	0.00027	-40.00	70.00	0.00027
-40.00	60.00	0.00029	-40.00	50.00	0.00030
-40.00	40.00	0.00033	-40.00	30.00	0.00036
-40.00	25.00	0.00038	-40.00	20.00	0.00040

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-40.00	17.00	0.00041	-40.00	15.00	0.00042
-40.00	13.00	0.00043	-40.00	11.00	0.00045
-40.00	9.00	0.00046	-40.00	-9.00	0.00066
-40.00	-11.00	0.00068	-40.00	-13.00	0.00070
-40.00	-15.00	0.00072	-40.00	-17.00	0.00074
-40.00	-20.00	0.00076	-40.00	-25.00	0.00079
-40.00	-30.00	0.00083	-40.00	-40.00	0.00088
-40.00	-50.00	0.00092	-40.00	-60.00	0.00092
-40.00	-70.00	0.00089	-40.00	-80.00	0.00085
-40.00	-90.00	0.00081	-40.00	-100.00	0.00076
-30.00	100.00	0.00029	-30.00	90.00	0.00030
-30.00	80.00	0.00030	-30.00	70.00	0.00031
-30.00	60.00	0.00032	-30.00	50.00	0.00034
-30.00	40.00	0.00037	-30.00	30.00	0.00041
-30.00	25.00	0.00043	-30.00	20.00	0.00045
-30.00	17.00	0.00047	-30.00	15.00	0.00048

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	13.00	0.00049	-30.00	11.00	0.00051
-30.00	9.00	0.00053	-30.00	-9.00	0.00077
-30.00	-11.00	0.00080	-30.00	-13.00	0.00082
-30.00	-15.00	0.00084	-30.00	-17.00	0.00086
-30.00	-20.00	0.00089	-30.00	-25.00	0.00094
-30.00	-30.00	0.00098	-30.00	-40.00	0.00104
-30.00	-50.00	0.00106	-30.00	-60.00	0.00104
-30.00	-70.00	0.00100	-30.00	-80.00	0.00095
-30.00	-90.00	0.00090	-30.00	-100.00	0.00084
-20.00	100.00	0.00034	-20.00	90.00	0.00034
-20.00	80.00	0.00035	-20.00	70.00	0.00036
-20.00	60.00	0.00037	-20.00	50.00	0.00039
-20.00	40.00	0.00042	-20.00	30.00	0.00046
-20.00	25.00	0.00048	-20.00	20.00	0.00051
-20.00	17.00	0.00053	-20.00	15.00	0.00055
-20.00	13.00	0.00056	-20.00	11.00	0.00058
-20.00	9.00	0.00061	-20.00	-9.00	0.00092
-20.00	-11.00	0.00095	-20.00	-13.00	0.00098
-20.00	-15.00	0.00100	-20.00	-17.00	0.00103
-20.00	-20.00	0.00106	-20.00	-25.00	0.00112
-20.00	-30.00	0.00117	-20.00	-40.00	0.00123
-20.00	-50.00	0.00123	-20.00	-60.00	0.00119
-20.00	-70.00	0.00113	-20.00	-80.00	0.00106
-20.00	-90.00	0.00099	-20.00	-100.00	0.00092

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-10.00	100.00	0.00040	-10.00	90.00	0.00041
-10.00	80.00	0.00042	-10.00	70.00	0.00043
-10.00	60.00	0.00044	-10.00	50.00	0.00045
-10.00	40.00	0.00048	-10.00	30.00	0.00052
-10.00	25.00	0.00055	-10.00	20.00	0.00059
-10.00	17.00	0.00061	-10.00	15.00	0.00063
-10.00	13.00	0.00065	-10.00	11.00	0.00067
-10.00	9.00	0.00070	-10.00	-9.00	0.00110
-10.00	-11.00	0.00114	-10.00	-13.00	0.00118
-10.00	-15.00	0.00121	-10.00	-17.00	0.00124

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-20.00	0.00129	-10.00	-25.00	0.00136
-10.00	-30.00	0.00141	-10.00	-40.00	0.00146
-10.00	-50.00	0.00143	-10.00	-60.00	0.00136
-10.00	-70.00	0.00128	-10.00	-80.00	0.00119
-10.00	-90.00	0.00110	-10.00	-100.00	0.00102
0.00	100.00	0.00049	0.00	90.00	0.00050
0.00	80.00	0.00051	0.00	70.00	0.00052
0.00	60.00	0.00053	0.00	50.00	0.00054
0.00	40.00	0.00057	0.00	30.00	0.00061
0.00	25.00	0.00064	0.00	20.00	0.00068
0.00	17.00	0.00071	0.00	15.00	0.00073
0.00	13.00	0.00075	0.00	11.00	0.00078
0.00	9.00	0.00081	0.00	-9.00	0.00134
0.00	-11.00	0.00139	0.00	-13.00	0.00144
0.00	-15.00	0.00148	0.00	-17.00	0.00153
0.00	-20.00	0.00159	0.00	-25.00	0.00167
0.00	-30.00	0.00172	0.00	-40.00	0.00173
0.00	-50.00	0.00166	0.00	-60.00	0.00156
0.00	-70.00	0.00144	0.00	-80.00	0.00133
0.00	-90.00	0.00122	0.00	-100.00	0.00112
10.00	100.00	0.00062	10.00	90.00	0.00063
10.00	80.00	0.00064	10.00	70.00	0.00065
10.00	60.00	0.00066	10.00	50.00	0.00067
10.00	40.00	0.00069	10.00	30.00	0.00072
10.00	25.00	0.00075	10.00	20.00	0.00079
10.00	17.00	0.00083	10.00	15.00	0.00085
10.00	13.00	0.00088	10.00	11.00	0.00092
10.00	9.00	0.00096	10.00	-9.00	0.00166
10.00	-11.00	0.00173	10.00	-13.00	0.00180
10.00	-15.00	0.00186	10.00	-17.00	0.00192

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

17:29:17  
 \*\*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
10.00	-20.00	0.00199	10.00	-25.00	0.00206
10.00	-30.00	0.00209	10.00	-40.00	0.00205
10.00	-50.00	0.00194	10.00	-60.00	0.00179
10.00	-70.00	0.00164	10.00	-80.00	0.00149

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

10.00	-90.00	0.00136	10.00	-100.00	0.00123
20.00	100.00	0.00080	20.00	90.00	0.00083
20.00	80.00	0.00085	20.00	70.00	0.00088
20.00	60.00	0.00089	20.00	50.00	0.00089
20.00	40.00	0.00089	20.00	30.00	0.00089
20.00	25.00	0.00091	20.00	20.00	0.00095
20.00	17.00	0.00098	20.00	15.00	0.00100
20.00	13.00	0.00104	20.00	11.00	0.00108
20.00	9.00	0.00113	20.00	-9.00	0.00211
20.00	-11.00	0.00221	20.00	-13.00	0.00230
20.00	-15.00	0.00237	20.00	-17.00	0.00243
20.00	-20.00	0.00250	20.00	-25.00	0.00255
20.00	-30.00	0.00254	20.00	-40.00	0.00244
20.00	-50.00	0.00226	20.00	-60.00	0.00206
20.00	-70.00	0.00186	20.00	-80.00	0.00167
20.00	-90.00	0.00149	20.00	-100.00	0.00134
30.00	100.00	0.00103	30.00	90.00	0.00109
30.00	80.00	0.00116	30.00	70.00	0.00122
30.00	60.00	0.00127	30.00	50.00	0.00130
30.00	40.00	0.00130	30.00	30.00	0.00125
30.00	25.00	0.00123	30.00	20.00	0.00121
30.00	17.00	0.00122	30.00	15.00	0.00124
30.00	13.00	0.00126	30.00	11.00	0.00130
30.00	9.00	0.00135	30.00	-9.00	0.00277
30.00	-11.00	0.00290	30.00	-13.00	0.00299
30.00	-15.00	0.00306	30.00	-17.00	0.00310
30.00	-20.00	0.00314	30.00	-25.00	0.00315
30.00	-30.00	0.00310	30.00	-40.00	0.00290
30.00	-50.00	0.00263	30.00	-60.00	0.00234
30.00	-70.00	0.00207	30.00	-80.00	0.00182
30.00	-90.00	0.00161	30.00	-100.00	0.00143
40.00	100.00	0.00128	40.00	90.00	0.00140
40.00	80.00	0.00153	40.00	70.00	0.00167
40.00	60.00	0.00183	40.00	50.00	0.00198
40.00	40.00	0.00212	40.00	30.00	0.00219
40.00	25.00	0.00218	40.00	20.00	0.00212

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17

\*\*MODELOPTs:

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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 \*\*\*

09NCRA\_NAPA00-300\_DPM\_TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
40.00	17.00	0.00206	40.00	15.00	0.00200
40.00	13.00	0.00195	40.00	11.00	0.00191
40.00	9.00	0.00188	40.00	-9.00	0.00388
40.00	-11.00	0.00395	40.00	-13.00	0.00399
40.00	-15.00	0.00401	40.00	-17.00	0.00401
40.00	-20.00	0.00398	40.00	-25.00	0.00388
40.00	-30.00	0.00373	40.00	-40.00	0.00336
40.00	-50.00	0.00295	40.00	-60.00	0.00257
40.00	-70.00	0.00223	40.00	-80.00	0.00194
40.00	-90.00	0.00170	40.00	-100.00	0.00149
50.00	100.00	0.00151	50.00	90.00	0.00167
50.00	80.00	0.00187	50.00	70.00	0.00210
50.00	60.00	0.00237	50.00	50.00	0.00267
50.00	40.00	0.00302	50.00	30.00	0.00341
50.00	25.00	0.00362	50.00	20.00	0.00383
50.00	17.00	0.00396	50.00	15.00	0.00404
50.00	13.00	0.00413	50.00	11.00	0.00424
50.00	9.00	0.00438	50.00	-9.00	0.00508
50.00	-11.00	0.00498	50.00	-13.00	0.00490
50.00	-15.00	0.00482	50.00	-17.00	0.00474
50.00	-20.00	0.00462	50.00	-25.00	0.00440
50.00	-30.00	0.00416	50.00	-40.00	0.00365
50.00	-50.00	0.00315	50.00	-60.00	0.00270
50.00	-70.00	0.00233	50.00	-80.00	0.00201
50.00	-90.00	0.00174	50.00	-100.00	0.00152
60.00	100.00	0.00169	60.00	90.00	0.00190
60.00	80.00	0.00214	60.00	70.00	0.00243
60.00	60.00	0.00278	60.00	50.00	0.00319
60.00	40.00	0.00367	60.00	30.00	0.00422
60.00	25.00	0.00452	60.00	20.00	0.00482
60.00	17.00	0.00498	60.00	15.00	0.00508
60.00	13.00	0.00518	60.00	11.00	0.00526
60.00	9.00	0.00536	60.00	-9.00	0.00528
60.00	-11.00	0.00518	60.00	-13.00	0.00510
60.00	-15.00	0.00502	60.00	-17.00	0.00494
60.00	-20.00	0.00482	60.00	-25.00	0.00458
60.00	-30.00	0.00431	60.00	-40.00	0.00374
60.00	-50.00	0.00321	60.00	-60.00	0.00274
60.00	-70.00	0.00234	60.00	-80.00	0.00201
60.00	-90.00	0.00173	60.00	-100.00	0.00150

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*MODELOPTS:  
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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
70.00	100.00	0.00183	70.00	90.00	0.00207
70.00	80.00	0.00235	70.00	70.00	0.00269
70.00	60.00	0.00309	70.00	50.00	0.00355
70.00	40.00	0.00410	70.00	30.00	0.00470
70.00	25.00	0.00502	70.00	20.00	0.00532
70.00	17.00	0.00547	70.00	15.00	0.00555
70.00	13.00	0.00562	70.00	11.00	0.00567
70.00	9.00	0.00573	70.00	-9.00	0.00530
70.00	-11.00	0.00519	70.00	-13.00	0.00509
70.00	-15.00	0.00501	70.00	-17.00	0.00492
70.00	-20.00	0.00479	70.00	-25.00	0.00454
70.00	-30.00	0.00427	70.00	-40.00	0.00370
70.00	-50.00	0.00317	70.00	-60.00	0.00270
70.00	-70.00	0.00230	70.00	-80.00	0.00196
70.00	-90.00	0.00169	70.00	-100.00	0.00146
80.00	100.00	0.00193	80.00	90.00	0.00219
80.00	80.00	0.00249	80.00	70.00	0.00286
80.00	60.00	0.00328	80.00	50.00	0.00379
80.00	40.00	0.00436	80.00	30.00	0.00498
80.00	25.00	0.00528	80.00	20.00	0.00556
80.00	17.00	0.00569	80.00	15.00	0.00576
80.00	13.00	0.00582	80.00	11.00	0.00585
80.00	9.00	0.00588	80.00	-9.00	0.00521
80.00	-11.00	0.00509	80.00	-13.00	0.00499
80.00	-15.00	0.00489	80.00	-17.00	0.00479
80.00	-20.00	0.00464	80.00	-25.00	0.00437
80.00	-30.00	0.00409	80.00	-40.00	0.00354
80.00	-50.00	0.00303	80.00	-60.00	0.00258
80.00	-70.00	0.00219	80.00	-80.00	0.00187
80.00	-90.00	0.00160	80.00	-100.00	0.00138
90.00	100.00	0.00196	90.00	90.00	0.00224
90.00	80.00	0.00256	90.00	70.00	0.00294
90.00	60.00	0.00339	90.00	50.00	0.00391
90.00	40.00	0.00450	90.00	30.00	0.00511
90.00	25.00	0.00540	90.00	20.00	0.00566
90.00	17.00	0.00578	90.00	15.00	0.00584

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

90.00	13.00	0.00588	90.00	11.00	0.00589
90.00	9.00	0.00591	90.00	-9.00	0.00503
90.00	-11.00	0.00489	90.00	-13.00	0.00477
90.00	-15.00	0.00466	90.00	-17.00	0.00455

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

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 \*\*MODELOPTs:  
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 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
90.00	-20.00	0.00439	90.00	-25.00	0.00410
90.00	-30.00	0.00382	90.00	-40.00	0.00329
90.00	-50.00	0.00281	90.00	-60.00	0.00239
90.00	-70.00	0.00203	90.00	-80.00	0.00173
90.00	-90.00	0.00148	90.00	-100.00	0.00127
100.00	100.00	0.00194	100.00	90.00	0.00222
100.00	80.00	0.00255	100.00	70.00	0.00294
100.00	60.00	0.00340	100.00	50.00	0.00393
100.00	40.00	0.00452	100.00	30.00	0.00513
100.00	25.00	0.00543	100.00	20.00	0.00567
100.00	17.00	0.00578	100.00	15.00	0.00583
100.00	13.00	0.00585	100.00	11.00	0.00585
100.00	9.00	0.00585	100.00	-9.00	0.00473
100.00	-11.00	0.00457	100.00	-13.00	0.00443
100.00	-15.00	0.00430	100.00	-17.00	0.00418
100.00	-20.00	0.00400	100.00	-25.00	0.00371
100.00	-30.00	0.00344	100.00	-40.00	0.00295
100.00	-50.00	0.00251	100.00	-60.00	0.00213
100.00	-70.00	0.00181	100.00	-80.00	0.00154
100.00	-90.00	0.00132	100.00	-100.00	0.00113
110.00	100.00	0.00184	110.00	90.00	0.00211
110.00	80.00	0.00243	110.00	70.00	0.00282
110.00	60.00	0.00328	110.00	50.00	0.00382
110.00	40.00	0.00442	110.00	30.00	0.00505
110.00	25.00	0.00534	110.00	20.00	0.00559
110.00	17.00	0.00570	110.00	15.00	0.00574
110.00	13.00	0.00575	110.00	11.00	0.00574
110.00	9.00	0.00572	110.00	-9.00	0.00427
110.00	-11.00	0.00408	110.00	-13.00	0.00392
110.00	-15.00	0.00377	110.00	-17.00	0.00364

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-20.00	0.00346	110.00	-25.00	0.00320
110.00	-30.00	0.00296	110.00	-40.00	0.00252
110.00	-50.00	0.00213	110.00	-60.00	0.00180
110.00	-70.00	0.00153	110.00	-80.00	0.00131
110.00	-90.00	0.00113	110.00	-100.00	0.00099
120.00	100.00	0.00166	120.00	90.00	0.00190
120.00	80.00	0.00219	120.00	70.00	0.00254
120.00	60.00	0.00296	120.00	50.00	0.00347
120.00	40.00	0.00407	120.00	30.00	0.00474
120.00	25.00	0.00508	120.00	20.00	0.00537

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
120.00	17.00	0.00548	120.00	15.00	0.00553
120.00	13.00	0.00555	120.00	11.00	0.00555
120.00	9.00	0.00552	120.00	-9.00	0.00358
120.00	-11.00	0.00335	120.00	-13.00	0.00318
120.00	-15.00	0.00304	120.00	-17.00	0.00293
120.00	-20.00	0.00277	120.00	-25.00	0.00255
120.00	-30.00	0.00234	120.00	-40.00	0.00199
120.00	-50.00	0.00169	120.00	-60.00	0.00145
120.00	-70.00	0.00125	120.00	-80.00	0.00108
120.00	-90.00	0.00095	120.00	-100.00	0.00084
130.00	100.00	0.00145	130.00	90.00	0.00164
130.00	80.00	0.00187	130.00	70.00	0.00214
130.00	60.00	0.00245	130.00	50.00	0.00283
130.00	40.00	0.00328	130.00	30.00	0.00383
130.00	25.00	0.00414	130.00	20.00	0.00447
130.00	17.00	0.00465	130.00	15.00	0.00477
130.00	13.00	0.00487	130.00	11.00	0.00494
130.00	9.00	0.00499	130.00	-9.00	0.00242
130.00	-11.00	0.00224	130.00	-13.00	0.00211
130.00	-15.00	0.00202	130.00	-17.00	0.00194
130.00	-20.00	0.00185	130.00	-25.00	0.00173
130.00	-30.00	0.00162	130.00	-40.00	0.00143
130.00	-50.00	0.00126	130.00	-60.00	0.00111
130.00	-70.00	0.00098	130.00	-80.00	0.00087

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

130.00	-90.00	0.00078	130.00	-100.00	0.00070
140.00	100.00	0.00125	140.00	90.00	0.00139
140.00	80.00	0.00155	140.00	70.00	0.00173
140.00	60.00	0.00193	140.00	50.00	0.00216
140.00	40.00	0.00239	140.00	30.00	0.00261
140.00	25.00	0.00270	140.00	20.00	0.00275
140.00	17.00	0.00274	140.00	15.00	0.00271
140.00	13.00	0.00266	140.00	11.00	0.00258
140.00	9.00	0.00247	140.00	-9.00	0.00111
140.00	-11.00	0.00111	140.00	-13.00	0.00111
140.00	-15.00	0.00111	140.00	-17.00	0.00111
140.00	-20.00	0.00110	140.00	-25.00	0.00109
140.00	-30.00	0.00107	140.00	-40.00	0.00100
140.00	-50.00	0.00093	140.00	-60.00	0.00085
140.00	-70.00	0.00077	140.00	-80.00	0.00070
140.00	-90.00	0.00063	140.00	-100.00	0.00058

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

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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*MODELOPTs:

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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
150.00	100.00	0.00107	150.00	90.00	0.00117
150.00	80.00	0.00128	150.00	70.00	0.00140
150.00	60.00	0.00152	150.00	50.00	0.00164
150.00	40.00	0.00173	150.00	30.00	0.00178
150.00	25.00	0.00178	150.00	20.00	0.00173
150.00	17.00	0.00168	150.00	15.00	0.00163
150.00	13.00	0.00157	150.00	11.00	0.00151
150.00	9.00	0.00143	150.00	-9.00	0.00079
150.00	-11.00	0.00078	150.00	-13.00	0.00077
150.00	-15.00	0.00077	150.00	-17.00	0.00076
150.00	-20.00	0.00076	150.00	-25.00	0.00076
150.00	-30.00	0.00075	150.00	-40.00	0.00073
150.00	-50.00	0.00070	150.00	-60.00	0.00065
150.00	-70.00	0.00061	150.00	-80.00	0.00056
150.00	-90.00	0.00052	150.00	-100.00	0.00048
160.00	100.00	0.00091	160.00	90.00	0.00098
160.00	80.00	0.00105	160.00	70.00	0.00112
160.00	60.00	0.00119	160.00	50.00	0.00125



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	9.00	0.00057	180.00	-9.00	0.00040
180.00	-11.00	0.00039	180.00	-13.00	0.00039
180.00	-15.00	0.00038	180.00	-17.00	0.00038
180.00	-20.00	0.00038	180.00	-25.00	0.00038
180.00	-30.00	0.00038	180.00	-40.00	0.00037
180.00	-50.00	0.00035	180.00	-60.00	0.00033
180.00	-70.00	0.00032	180.00	-80.00	0.00031
180.00	-90.00	0.00029	180.00	-100.00	0.00028
190.00	100.00	0.00056	190.00	90.00	0.00058
190.00	80.00	0.00060	190.00	70.00	0.00061
190.00	60.00	0.00061	190.00	50.00	0.00061
190.00	40.00	0.00059	190.00	30.00	0.00056
190.00	25.00	0.00054	190.00	20.00	0.00051
190.00	17.00	0.00050	190.00	15.00	0.00049
190.00	13.00	0.00048	190.00	11.00	0.00047
190.00	9.00	0.00045	190.00	-9.00	0.00033
190.00	-11.00	0.00032	190.00	-13.00	0.00032
190.00	-15.00	0.00032	190.00	-17.00	0.00032
190.00	-20.00	0.00032	190.00	-25.00	0.00032
190.00	-30.00	0.00032	190.00	-40.00	0.00031
190.00	-50.00	0.00030	190.00	-60.00	0.00028
190.00	-70.00	0.00027	190.00	-80.00	0.00026
190.00	-90.00	0.00025	190.00	-100.00	0.00024
200.00	100.00	0.00048	200.00	90.00	0.00049
200.00	80.00	0.00050	200.00	70.00	0.00050
200.00	60.00	0.00050	200.00	50.00	0.00049
200.00	40.00	0.00048	200.00	30.00	0.00045
200.00	25.00	0.00043	200.00	20.00	0.00042

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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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
200.00	17.00	0.00041	200.00	15.00	0.00040
200.00	13.00	0.00039	200.00	11.00	0.00038
200.00	9.00	0.00037	200.00	-9.00	0.00028
200.00	-11.00	0.00027	200.00	-13.00	0.00027
200.00	-15.00	0.00027	200.00	-17.00	0.00026
200.00	-20.00	0.00026	200.00	-25.00	0.00026

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

200.00	-30.00	0.00027	200.00	-40.00	0.00026
200.00	-50.00	0.00026	200.00	-60.00	0.00025
200.00	-70.00	0.00023	200.00	-80.00	0.00022
200.00	-90.00	0.00021	200.00	-100.00	0.00021
210.00	100.00	0.00041	210.00	90.00	0.00042
210.00	80.00	0.00042	210.00	70.00	0.00042
210.00	60.00	0.00042	210.00	50.00	0.00041
210.00	40.00	0.00040	210.00	30.00	0.00037
210.00	25.00	0.00036	210.00	20.00	0.00034
210.00	17.00	0.00034	210.00	15.00	0.00033
210.00	13.00	0.00033	210.00	11.00	0.00032
210.00	9.00	0.00031	210.00	-9.00	0.00024
210.00	-11.00	0.00023	210.00	-13.00	0.00023
210.00	-15.00	0.00023	210.00	-17.00	0.00023
210.00	-20.00	0.00022	210.00	-25.00	0.00022
210.00	-30.00	0.00023	210.00	-40.00	0.00023
210.00	-50.00	0.00022	210.00	-60.00	0.00022
210.00	-70.00	0.00021	210.00	-80.00	0.00020
210.00	-90.00	0.00019	210.00	-100.00	0.00018
220.00	100.00	0.00036	220.00	90.00	0.00036
220.00	80.00	0.00036	220.00	70.00	0.00036
220.00	60.00	0.00035	220.00	50.00	0.00035
220.00	40.00	0.00033	220.00	30.00	0.00031
220.00	25.00	0.00030	220.00	20.00	0.00029
220.00	17.00	0.00028	220.00	15.00	0.00028
220.00	13.00	0.00028	220.00	11.00	0.00027
220.00	9.00	0.00027	220.00	-9.00	0.00021
220.00	-11.00	0.00020	220.00	-13.00	0.00020
220.00	-15.00	0.00020	220.00	-17.00	0.00019
220.00	-20.00	0.00019	220.00	-25.00	0.00019
220.00	-30.00	0.00019	220.00	-40.00	0.00019
220.00	-50.00	0.00019	220.00	-60.00	0.00019
220.00	-70.00	0.00018	220.00	-80.00	0.00018
220.00	-90.00	0.00017	220.00	-100.00	0.00016

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17

\*\*MODELOPTs:

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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

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	100.00	0.00031	230.00	90.00	0.00031
230.00	80.00	0.00031	230.00	70.00	0.00031
230.00	60.00	0.00030	230.00	50.00	0.00029
230.00	40.00	0.00028	230.00	30.00	0.00026
230.00	25.00	0.00026	230.00	20.00	0.00025
230.00	17.00	0.00024	230.00	15.00	0.00024
230.00	13.00	0.00024	230.00	11.00	0.00023
230.00	9.00	0.00023	230.00	-9.00	0.00018
230.00	-11.00	0.00018	230.00	-13.00	0.00017
230.00	-15.00	0.00017	230.00	-17.00	0.00017
230.00	-20.00	0.00017	230.00	-25.00	0.00017
230.00	-30.00	0.00017	230.00	-40.00	0.00017
230.00	-50.00	0.00017	230.00	-60.00	0.00017
230.00	-70.00	0.00016	230.00	-80.00	0.00016
230.00	-90.00	0.00015	230.00	-100.00	0.00014
240.00	100.00	0.00027	240.00	90.00	0.00027
240.00	80.00	0.00027	240.00	70.00	0.00027
240.00	60.00	0.00026	240.00	50.00	0.00025
240.00	40.00	0.00024	240.00	30.00	0.00023
240.00	25.00	0.00022	240.00	20.00	0.00022
240.00	17.00	0.00021	240.00	15.00	0.00021
240.00	13.00	0.00021	240.00	11.00	0.00020
240.00	9.00	0.00020	240.00	-9.00	0.00016
240.00	-11.00	0.00016	240.00	-13.00	0.00015
240.00	-15.00	0.00015	240.00	-17.00	0.00015
240.00	-20.00	0.00015	240.00	-25.00	0.00015
240.00	-30.00	0.00015	240.00	-40.00	0.00015
240.00	-50.00	0.00015	240.00	-60.00	0.00015
240.00	-70.00	0.00014	240.00	-80.00	0.00014
240.00	-90.00	0.00014	240.00	-100.00	0.00013
250.00	100.00	0.00024	250.00	90.00	0.00024
250.00	80.00	0.00024	250.00	70.00	0.00023
250.00	60.00	0.00023	250.00	50.00	0.00022
250.00	40.00	0.00021	250.00	30.00	0.00020
250.00	25.00	0.00019	250.00	20.00	0.00019
250.00	17.00	0.00019	250.00	15.00	0.00018
250.00	13.00	0.00018	250.00	11.00	0.00018
250.00	9.00	0.00018	250.00	-9.00	0.00014
250.00	-11.00	0.00014	250.00	-13.00	0.00014
250.00	-15.00	0.00013	250.00	-17.00	0.00013

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17  
 \*\*MODELOPTs:  
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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
250.00	-20.00	0.00013	250.00	-25.00	0.00013
250.00	-30.00	0.00013	250.00	-40.00	0.00013
250.00	-50.00	0.00013	250.00	-60.00	0.00013
250.00	-70.00	0.00013	250.00	-80.00	0.00013
250.00	-90.00	0.00012	250.00	-100.00	0.00012

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

17:29:17  
 \*\*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
-250.00	100.00	0.00009	-250.00	90.00	0.00009
-250.00	80.00	0.00010	-250.00	70.00	0.00010
-250.00	60.00	0.00011	-250.00	50.00	0.00011
-250.00	40.00	0.00012	-250.00	30.00	0.00013
-250.00	25.00	0.00013	-250.00	20.00	0.00014
-250.00	17.00	0.00014	-250.00	15.00	0.00014
-250.00	13.00	0.00015	-250.00	11.00	0.00015
-250.00	9.00	0.00015	-250.00	-9.00	0.00018
-250.00	-11.00	0.00019	-250.00	-13.00	0.00019
-250.00	-15.00	0.00019	-250.00	-17.00	0.00020
-250.00	-20.00	0.00020	-250.00	-25.00	0.00021
-250.00	-30.00	0.00022	-250.00	-40.00	0.00023
-250.00	-50.00	0.00024	-250.00	-60.00	0.00025
-250.00	-70.00	0.00025	-250.00	-80.00	0.00026
-250.00	-90.00	0.00027	-250.00	-100.00	0.00028
-240.00	100.00	0.00010	-240.00	90.00	0.00010
-240.00	80.00	0.00010	-240.00	70.00	0.00011
-240.00	60.00	0.00011	-240.00	50.00	0.00012
-240.00	40.00	0.00013	-240.00	30.00	0.00013
-240.00	25.00	0.00014	-240.00	20.00	0.00015
-240.00	17.00	0.00015	-240.00	15.00	0.00015
-240.00	13.00	0.00016	-240.00	11.00	0.00016
-240.00	9.00	0.00016	-240.00	-9.00	0.00020

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-11.00	0.00020	-240.00	-13.00	0.00021
-240.00	-15.00	0.00021	-240.00	-17.00	0.00021
-240.00	-20.00	0.00022	-240.00	-25.00	0.00023
-240.00	-30.00	0.00023	-240.00	-40.00	0.00025
-240.00	-50.00	0.00026	-240.00	-60.00	0.00027
-240.00	-70.00	0.00028	-240.00	-80.00	0.00029
-240.00	-90.00	0.00029	-240.00	-100.00	0.00030
-230.00	100.00	0.00010	-230.00	90.00	0.00011
-230.00	80.00	0.00011	-230.00	70.00	0.00012
-230.00	60.00	0.00012	-230.00	50.00	0.00013
-230.00	40.00	0.00014	-230.00	30.00	0.00014
-230.00	25.00	0.00015	-230.00	20.00	0.00016
-230.00	17.00	0.00016	-230.00	15.00	0.00016
-230.00	13.00	0.00017	-230.00	11.00	0.00017
-230.00	9.00	0.00018	-230.00	-9.00	0.00022
-230.00	-11.00	0.00022	-230.00	-13.00	0.00022
-230.00	-15.00	0.00023	-230.00	-17.00	0.00023

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17

\*\*MODELOPTs:  
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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
-230.00	-20.00	0.00024	-230.00	-25.00	0.00025
-230.00	-30.00	0.00026	-230.00	-40.00	0.00027
-230.00	-50.00	0.00028	-230.00	-60.00	0.00029
-230.00	-70.00	0.00030	-230.00	-80.00	0.00031
-230.00	-90.00	0.00032	-230.00	-100.00	0.00032
-220.00	100.00	0.00011	-220.00	90.00	0.00011
-220.00	80.00	0.00012	-220.00	70.00	0.00012
-220.00	60.00	0.00013	-220.00	50.00	0.00014
-220.00	40.00	0.00015	-220.00	30.00	0.00016
-220.00	25.00	0.00016	-220.00	20.00	0.00017
-220.00	17.00	0.00017	-220.00	15.00	0.00018
-220.00	13.00	0.00018	-220.00	11.00	0.00018
-220.00	9.00	0.00019	-220.00	-9.00	0.00023
-220.00	-11.00	0.00024	-220.00	-13.00	0.00024
-220.00	-15.00	0.00025	-220.00	-17.00	0.00025
-220.00	-20.00	0.00026	-220.00	-25.00	0.00027
-220.00	-30.00	0.00028	-220.00	-40.00	0.00029



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	80.00	0.00015	-190.00	70.00	0.00015
-190.00	60.00	0.00016	-190.00	50.00	0.00017
-190.00	40.00	0.00019	-190.00	30.00	0.00020
-190.00	25.00	0.00021	-190.00	20.00	0.00021
-190.00	17.00	0.00022	-190.00	15.00	0.00023
-190.00	13.00	0.00023	-190.00	11.00	0.00024
-190.00	9.00	0.00024	-190.00	-9.00	0.00031
-190.00	-11.00	0.00032	-190.00	-13.00	0.00033
-190.00	-15.00	0.00034	-190.00	-17.00	0.00034
-190.00	-20.00	0.00035	-190.00	-25.00	0.00037
-190.00	-30.00	0.00038	-190.00	-40.00	0.00040
-190.00	-50.00	0.00042	-190.00	-60.00	0.00044
-190.00	-70.00	0.00045	-190.00	-80.00	0.00046
-190.00	-90.00	0.00046	-190.00	-100.00	0.00045
-180.00	100.00	0.00015	-180.00	90.00	0.00015
-180.00	80.00	0.00016	-180.00	70.00	0.00017
-180.00	60.00	0.00018	-180.00	50.00	0.00019
-180.00	40.00	0.00020	-180.00	30.00	0.00022
-180.00	25.00	0.00022	-180.00	20.00	0.00023
-180.00	17.00	0.00024	-180.00	15.00	0.00025
-180.00	13.00	0.00025	-180.00	11.00	0.00026
-180.00	9.00	0.00027	-180.00	-9.00	0.00035
-180.00	-11.00	0.00036	-180.00	-13.00	0.00037
-180.00	-15.00	0.00037	-180.00	-17.00	0.00038
-180.00	-20.00	0.00039	-180.00	-25.00	0.00041
-180.00	-30.00	0.00042	-180.00	-40.00	0.00045
-180.00	-50.00	0.00047	-180.00	-60.00	0.00049
-180.00	-70.00	0.00050	-180.00	-80.00	0.00051
-180.00	-90.00	0.00050	-180.00	-100.00	0.00049

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17

\*\*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
-170.00	100.00	0.00016	-170.00	90.00	0.00017
-170.00	80.00	0.00017	-170.00	70.00	0.00018
-170.00	60.00	0.00019	-170.00	50.00	0.00021
-170.00	40.00	0.00022	-170.00	30.00	0.00024
-170.00	25.00	0.00025	-170.00	20.00	0.00026

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	17.00	0.00027	-170.00	15.00	0.00027
-170.00	13.00	0.00028	-170.00	11.00	0.00029
-170.00	9.00	0.00030	-170.00	-9.00	0.00039
-170.00	-11.00	0.00040	-170.00	-13.00	0.00041
-170.00	-15.00	0.00042	-170.00	-17.00	0.00043
-170.00	-20.00	0.00044	-170.00	-25.00	0.00046
-170.00	-30.00	0.00047	-170.00	-40.00	0.00050
-170.00	-50.00	0.00053	-170.00	-60.00	0.00055
-170.00	-70.00	0.00056	-170.00	-80.00	0.00056
-170.00	-90.00	0.00055	-170.00	-100.00	0.00054
-160.00	100.00	0.00018	-160.00	90.00	0.00018
-160.00	80.00	0.00019	-160.00	70.00	0.00020
-160.00	60.00	0.00021	-160.00	50.00	0.00022
-160.00	40.00	0.00024	-160.00	30.00	0.00026
-160.00	25.00	0.00027	-160.00	20.00	0.00028
-160.00	17.00	0.00029	-160.00	15.00	0.00030
-160.00	13.00	0.00031	-160.00	11.00	0.00032
-160.00	9.00	0.00033	-160.00	-9.00	0.00044
-160.00	-11.00	0.00045	-160.00	-13.00	0.00046
-160.00	-15.00	0.00047	-160.00	-17.00	0.00048
-160.00	-20.00	0.00050	-160.00	-25.00	0.00052
-160.00	-30.00	0.00054	-160.00	-40.00	0.00057
-160.00	-50.00	0.00060	-160.00	-60.00	0.00062
-160.00	-70.00	0.00063	-160.00	-80.00	0.00062
-160.00	-90.00	0.00061	-160.00	-100.00	0.00058
-150.00	100.00	0.00020	-150.00	90.00	0.00020
-150.00	80.00	0.00021	-150.00	70.00	0.00022
-150.00	60.00	0.00023	-150.00	50.00	0.00025
-150.00	40.00	0.00027	-150.00	30.00	0.00029
-150.00	25.00	0.00030	-150.00	20.00	0.00032
-150.00	17.00	0.00033	-150.00	15.00	0.00034
-150.00	13.00	0.00034	-150.00	11.00	0.00035
-150.00	9.00	0.00037	-150.00	-9.00	0.00050
-150.00	-11.00	0.00051	-150.00	-13.00	0.00053
-150.00	-15.00	0.00054	-150.00	-17.00	0.00055

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:29:17  
 \*\*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      \*\*

		09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-150.00	-20.00	0.00057	-150.00	-25.00	0.00059
-150.00	-30.00	0.00061	-150.00	-40.00	0.00066
-150.00	-50.00	0.00069	-150.00	-60.00	0.00071
-150.00	-70.00	0.00071	-150.00	-80.00	0.00069
-150.00	-90.00	0.00067	-150.00	-100.00	0.00064
-140.00	100.00	0.00022	-140.00	90.00	0.00023
-140.00	80.00	0.00023	-140.00	70.00	0.00024
-140.00	60.00	0.00026	-140.00	50.00	0.00027
-140.00	40.00	0.00030	-140.00	30.00	0.00032
-140.00	25.00	0.00034	-140.00	20.00	0.00035
-140.00	17.00	0.00037	-140.00	15.00	0.00038
-140.00	13.00	0.00039	-140.00	11.00	0.00040
-140.00	9.00	0.00041	-140.00	-9.00	0.00057
-140.00	-11.00	0.00059	-140.00	-13.00	0.00061
-140.00	-15.00	0.00062	-140.00	-17.00	0.00063
-140.00	-20.00	0.00065	-140.00	-25.00	0.00068
-140.00	-30.00	0.00071	-140.00	-40.00	0.00076
-140.00	-50.00	0.00079	-140.00	-60.00	0.00080
-140.00	-70.00	0.00079	-140.00	-80.00	0.00077
-140.00	-90.00	0.00073	-140.00	-100.00	0.00070
-130.00	100.00	0.00025	-130.00	90.00	0.00026
-130.00	80.00	0.00027	-130.00	70.00	0.00027
-130.00	60.00	0.00029	-130.00	50.00	0.00030
-130.00	40.00	0.00033	-130.00	30.00	0.00036
-130.00	25.00	0.00038	-130.00	20.00	0.00040
-130.00	17.00	0.00041	-130.00	15.00	0.00042
-130.00	13.00	0.00043	-130.00	11.00	0.00045
-130.00	9.00	0.00046	-130.00	-9.00	0.00066
-130.00	-11.00	0.00068	-130.00	-13.00	0.00070
-130.00	-15.00	0.00072	-130.00	-17.00	0.00074
-130.00	-20.00	0.00076	-130.00	-25.00	0.00079
-130.00	-30.00	0.00083	-130.00	-40.00	0.00088
-130.00	-50.00	0.00092	-130.00	-60.00	0.00092
-130.00	-70.00	0.00089	-130.00	-80.00	0.00085
-130.00	-90.00	0.00081	-130.00	-100.00	0.00076
-120.00	100.00	0.00029	-120.00	90.00	0.00030
-120.00	80.00	0.00030	-120.00	70.00	0.00031
-120.00	60.00	0.00032	-120.00	50.00	0.00034
-120.00	40.00	0.00037	-120.00	30.00	0.00041
-120.00	25.00	0.00043	-120.00	20.00	0.00045

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*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
-120.00	17.00	0.00047	-120.00	15.00	0.00048
-120.00	13.00	0.00049	-120.00	11.00	0.00051
-120.00	9.00	0.00053	-120.00	-9.00	0.00077
-120.00	-11.00	0.00080	-120.00	-13.00	0.00082
-120.00	-15.00	0.00084	-120.00	-17.00	0.00086
-120.00	-20.00	0.00089	-120.00	-25.00	0.00094
-120.00	-30.00	0.00098	-120.00	-40.00	0.00104
-120.00	-50.00	0.00106	-120.00	-60.00	0.00104
-120.00	-70.00	0.00100	-120.00	-80.00	0.00095
-120.00	-90.00	0.00090	-120.00	-100.00	0.00084
-110.00	100.00	0.00034	-110.00	90.00	0.00034
-110.00	80.00	0.00035	-110.00	70.00	0.00036
-110.00	60.00	0.00037	-110.00	50.00	0.00039
-110.00	40.00	0.00042	-110.00	30.00	0.00046
-110.00	25.00	0.00048	-110.00	20.00	0.00051
-110.00	17.00	0.00053	-110.00	15.00	0.00055
-110.00	13.00	0.00056	-110.00	11.00	0.00058
-110.00	9.00	0.00061	-110.00	-9.00	0.00092
-110.00	-11.00	0.00095	-110.00	-13.00	0.00098
-110.00	-15.00	0.00100	-110.00	-17.00	0.00103
-110.00	-20.00	0.00106	-110.00	-25.00	0.00112
-110.00	-30.00	0.00117	-110.00	-40.00	0.00123
-110.00	-50.00	0.00123	-110.00	-60.00	0.00119
-110.00	-70.00	0.00113	-110.00	-80.00	0.00106
-110.00	-90.00	0.00099	-110.00	-100.00	0.00092
-100.00	100.00	0.00040	-100.00	90.00	0.00041
-100.00	80.00	0.00042	-100.00	70.00	0.00043
-100.00	60.00	0.00044	-100.00	50.00	0.00045
-100.00	40.00	0.00048	-100.00	30.00	0.00052
-100.00	25.00	0.00055	-100.00	20.00	0.00059
-100.00	17.00	0.00061	-100.00	15.00	0.00063
-100.00	13.00	0.00065	-100.00	11.00	0.00067
-100.00	9.00	0.00070	-100.00	-9.00	0.00110
-100.00	-11.00	0.00114	-100.00	-13.00	0.00118
-100.00	-15.00	0.00121	-100.00	-17.00	0.00124
-100.00	-20.00	0.00129	-100.00	-25.00	0.00136
-100.00	-30.00	0.00141	-100.00	-40.00	0.00146

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-100.00	-50.00	0.00143	-100.00	-60.00	0.00136
-100.00	-70.00	0.00128	-100.00	-80.00	0.00119
-100.00	-90.00	0.00110	-100.00	-100.00	0.00102

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*MODELOPTs:

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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
-90.00	100.00	0.00049	-90.00	90.00	0.00050
-90.00	80.00	0.00051	-90.00	70.00	0.00052
-90.00	60.00	0.00053	-90.00	50.00	0.00054
-90.00	40.00	0.00057	-90.00	30.00	0.00061
-90.00	25.00	0.00064	-90.00	20.00	0.00068
-90.00	17.00	0.00071	-90.00	15.00	0.00073
-90.00	13.00	0.00075	-90.00	11.00	0.00078
-90.00	9.00	0.00081	-90.00	-9.00	0.00134
-90.00	-11.00	0.00139	-90.00	-13.00	0.00144
-90.00	-15.00	0.00148	-90.00	-17.00	0.00153
-90.00	-20.00	0.00159	-90.00	-25.00	0.00167
-90.00	-30.00	0.00172	-90.00	-40.00	0.00173
-90.00	-50.00	0.00166	-90.00	-60.00	0.00156
-90.00	-70.00	0.00144	-90.00	-80.00	0.00133
-90.00	-90.00	0.00122	-90.00	-100.00	0.00112
-80.00	100.00	0.00062	-80.00	90.00	0.00063
-80.00	80.00	0.00064	-80.00	70.00	0.00065
-80.00	60.00	0.00066	-80.00	50.00	0.00067
-80.00	40.00	0.00069	-80.00	30.00	0.00072
-80.00	25.00	0.00075	-80.00	20.00	0.00079
-80.00	17.00	0.00083	-80.00	15.00	0.00085
-80.00	13.00	0.00088	-80.00	11.00	0.00092
-80.00	9.00	0.00096	-80.00	-9.00	0.00166
-80.00	-11.00	0.00173	-80.00	-13.00	0.00180
-80.00	-15.00	0.00186	-80.00	-17.00	0.00192
-80.00	-20.00	0.00199	-80.00	-25.00	0.00206
-80.00	-30.00	0.00209	-80.00	-40.00	0.00205
-80.00	-50.00	0.00194	-80.00	-60.00	0.00179
-80.00	-70.00	0.00164	-80.00	-80.00	0.00149
-80.00	-90.00	0.00136	-80.00	-100.00	0.00123
-70.00	100.00	0.00080	-70.00	90.00	0.00083

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	80.00	0.00085	-70.00	70.00	0.00088
-70.00	60.00	0.00089	-70.00	50.00	0.00089
-70.00	40.00	0.00089	-70.00	30.00	0.00089
-70.00	25.00	0.00091	-70.00	20.00	0.00095
-70.00	17.00	0.00098	-70.00	15.00	0.00100
-70.00	13.00	0.00104	-70.00	11.00	0.00108
-70.00	9.00	0.00113	-70.00	-9.00	0.00211
-70.00	-11.00	0.00221	-70.00	-13.00	0.00230
-70.00	-15.00	0.00237	-70.00	-17.00	0.00243

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*MODELOPTs:

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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
-70.00	-20.00	0.00250	-70.00	-25.00	0.00255
-70.00	-30.00	0.00254	-70.00	-40.00	0.00244
-70.00	-50.00	0.00226	-70.00	-60.00	0.00206
-70.00	-70.00	0.00186	-70.00	-80.00	0.00167
-70.00	-90.00	0.00149	-70.00	-100.00	0.00134
-60.00	100.00	0.00103	-60.00	90.00	0.00109
-60.00	80.00	0.00116	-60.00	70.00	0.00122
-60.00	60.00	0.00127	-60.00	50.00	0.00130
-60.00	40.00	0.00130	-60.00	30.00	0.00125
-60.00	25.00	0.00123	-60.00	20.00	0.00121
-60.00	17.00	0.00122	-60.00	15.00	0.00124
-60.00	13.00	0.00126	-60.00	11.00	0.00130
-60.00	9.00	0.00135	-60.00	-9.00	0.00277
-60.00	-11.00	0.00290	-60.00	-13.00	0.00299
-60.00	-15.00	0.00306	-60.00	-17.00	0.00310
-60.00	-20.00	0.00314	-60.00	-25.00	0.00315
-60.00	-30.00	0.00310	-60.00	-40.00	0.00290
-60.00	-50.00	0.00263	-60.00	-60.00	0.00234
-60.00	-70.00	0.00207	-60.00	-80.00	0.00182
-60.00	-90.00	0.00161	-60.00	-100.00	0.00143
-50.00	100.00	0.00128	-50.00	90.00	0.00140
-50.00	80.00	0.00153	-50.00	70.00	0.00167
-50.00	60.00	0.00183	-50.00	50.00	0.00198
-50.00	40.00	0.00212	-50.00	30.00	0.00219
-50.00	25.00	0.00218	-50.00	20.00	0.00212

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	17.00	0.00206	-50.00	15.00	0.00200
-50.00	13.00	0.00195	-50.00	11.00	0.00191
-50.00	9.00	0.00188	-50.00	-9.00	0.00388
-50.00	-11.00	0.00395	-50.00	-13.00	0.00399
-50.00	-15.00	0.00401	-50.00	-17.00	0.00401
-50.00	-20.00	0.00398	-50.00	-25.00	0.00388
-50.00	-30.00	0.00373	-50.00	-40.00	0.00336
-50.00	-50.00	0.00295	-50.00	-60.00	0.00257
-50.00	-70.00	0.00223	-50.00	-80.00	0.00194
-50.00	-90.00	0.00170	-50.00	-100.00	0.00149
-40.00	100.00	0.00151	-40.00	90.00	0.00167
-40.00	80.00	0.00187	-40.00	70.00	0.00210
-40.00	60.00	0.00237	-40.00	50.00	0.00267
-40.00	40.00	0.00302	-40.00	30.00	0.00341
-40.00	25.00	0.00362	-40.00	20.00	0.00383

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*MODELOPTs:

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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
-40.00	17.00	0.00396	-40.00	15.00	0.00404
-40.00	13.00	0.00413	-40.00	11.00	0.00424
-40.00	9.00	0.00438	-40.00	-9.00	0.00508
-40.00	-11.00	0.00498	-40.00	-13.00	0.00490
-40.00	-15.00	0.00482	-40.00	-17.00	0.00474
-40.00	-20.00	0.00462	-40.00	-25.00	0.00440
-40.00	-30.00	0.00416	-40.00	-40.00	0.00365
-40.00	-50.00	0.00315	-40.00	-60.00	0.00270
-40.00	-70.00	0.00233	-40.00	-80.00	0.00201
-40.00	-90.00	0.00174	-40.00	-100.00	0.00152
-30.00	100.00	0.00169	-30.00	90.00	0.00190
-30.00	80.00	0.00214	-30.00	70.00	0.00243
-30.00	60.00	0.00278	-30.00	50.00	0.00319
-30.00	40.00	0.00367	-30.00	30.00	0.00422
-30.00	25.00	0.00452	-30.00	20.00	0.00482
-30.00	17.00	0.00498	-30.00	15.00	0.00508
-30.00	13.00	0.00518	-30.00	11.00	0.00526
-30.00	9.00	0.00536	-30.00	-9.00	0.00528
-30.00	-11.00	0.00518	-30.00	-13.00	0.00510

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-15.00	0.00502	-30.00	-17.00	0.00494
-30.00	-20.00	0.00482	-30.00	-25.00	0.00458
-30.00	-30.00	0.00431	-30.00	-40.00	0.00374
-30.00	-50.00	0.00321	-30.00	-60.00	0.00274
-30.00	-70.00	0.00234	-30.00	-80.00	0.00201
-30.00	-90.00	0.00173	-30.00	-100.00	0.00150
-20.00	100.00	0.00183	-20.00	90.00	0.00207
-20.00	80.00	0.00235	-20.00	70.00	0.00269
-20.00	60.00	0.00309	-20.00	50.00	0.00355
-20.00	40.00	0.00410	-20.00	30.00	0.00470
-20.00	25.00	0.00502	-20.00	20.00	0.00532
-20.00	17.00	0.00547	-20.00	15.00	0.00555
-20.00	13.00	0.00562	-20.00	11.00	0.00567
-20.00	9.00	0.00573	-20.00	-9.00	0.00530
-20.00	-11.00	0.00519	-20.00	-13.00	0.00509
-20.00	-15.00	0.00501	-20.00	-17.00	0.00492
-20.00	-20.00	0.00479	-20.00	-25.00	0.00454
-20.00	-30.00	0.00427	-20.00	-40.00	0.00370
-20.00	-50.00	0.00317	-20.00	-60.00	0.00270
-20.00	-70.00	0.00230	-20.00	-80.00	0.00196
-20.00	-90.00	0.00169	-20.00	-100.00	0.00146

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*MODELOPTs:

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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
-10.00	100.00	0.00193	-10.00	90.00	0.00219
-10.00	80.00	0.00249	-10.00	70.00	0.00286
-10.00	60.00	0.00328	-10.00	50.00	0.00379
-10.00	40.00	0.00436	-10.00	30.00	0.00498
-10.00	25.00	0.00528	-10.00	20.00	0.00556
-10.00	17.00	0.00569	-10.00	15.00	0.00576
-10.00	13.00	0.00582	-10.00	11.00	0.00585
-10.00	9.00	0.00588	-10.00	-9.00	0.00521
-10.00	-11.00	0.00509	-10.00	-13.00	0.00499
-10.00	-15.00	0.00489	-10.00	-17.00	0.00479
-10.00	-20.00	0.00464	-10.00	-25.00	0.00437
-10.00	-30.00	0.00409	-10.00	-40.00	0.00354
-10.00	-50.00	0.00303	-10.00	-60.00	0.00258

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-10.00	-70.00	0.00219	-10.00	-80.00	0.00187
-10.00	-90.00	0.00160	-10.00	-100.00	0.00138
0.00	100.00	0.00196	0.00	90.00	0.00224
0.00	80.00	0.00256	0.00	70.00	0.00294
0.00	60.00	0.00339	0.00	50.00	0.00391
0.00	40.00	0.00450	0.00	30.00	0.00511
0.00	25.00	0.00540	0.00	20.00	0.00566
0.00	17.00	0.00578	0.00	15.00	0.00584
0.00	13.00	0.00588	0.00	11.00	0.00589
0.00	9.00	0.00591	0.00	-9.00	0.00503
0.00	-11.00	0.00489	0.00	-13.00	0.00477
0.00	-15.00	0.00466	0.00	-17.00	0.00455
0.00	-20.00	0.00439	0.00	-25.00	0.00410
0.00	-30.00	0.00382	0.00	-40.00	0.00329
0.00	-50.00	0.00281	0.00	-60.00	0.00239
0.00	-70.00	0.00203	0.00	-80.00	0.00173
0.00	-90.00	0.00148	0.00	-100.00	0.00127
10.00	100.00	0.00194	10.00	90.00	0.00222
10.00	80.00	0.00255	10.00	70.00	0.00294
10.00	60.00	0.00340	10.00	50.00	0.00393
10.00	40.00	0.00452	10.00	30.00	0.00513
10.00	25.00	0.00543	10.00	20.00	0.00567
10.00	17.00	0.00578	10.00	15.00	0.00583
10.00	13.00	0.00585	10.00	11.00	0.00585
10.00	9.00	0.00585	10.00	-9.00	0.00473
10.00	-11.00	0.00457	10.00	-13.00	0.00443
10.00	-15.00	0.00430	10.00	-17.00	0.00418

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

17:29:17  
 \*\*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
10.00	-20.00	0.00400	10.00	-25.00	0.00371
10.00	-30.00	0.00344	10.00	-40.00	0.00295
10.00	-50.00	0.00251	10.00	-60.00	0.00213
10.00	-70.00	0.00181	10.00	-80.00	0.00154
10.00	-90.00	0.00132	10.00	-100.00	0.00113
20.00	100.00	0.00184	20.00	90.00	0.00211
20.00	80.00	0.00243	20.00	70.00	0.00282

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	60.00	0.00328	20.00	50.00	0.00382
20.00	40.00	0.00442	20.00	30.00	0.00505
20.00	25.00	0.00534	20.00	20.00	0.00559
20.00	17.00	0.00570	20.00	15.00	0.00574
20.00	13.00	0.00575	20.00	11.00	0.00574
20.00	9.00	0.00572	20.00	-9.00	0.00427
20.00	-11.00	0.00408	20.00	-13.00	0.00392
20.00	-15.00	0.00377	20.00	-17.00	0.00364
20.00	-20.00	0.00346	20.00	-25.00	0.00320
20.00	-30.00	0.00296	20.00	-40.00	0.00252
20.00	-50.00	0.00213	20.00	-60.00	0.00180
20.00	-70.00	0.00153	20.00	-80.00	0.00131
20.00	-90.00	0.00113	20.00	-100.00	0.00099
30.00	100.00	0.00166	30.00	90.00	0.00190
30.00	80.00	0.00219	30.00	70.00	0.00254
30.00	60.00	0.00296	30.00	50.00	0.00347
30.00	40.00	0.00407	30.00	30.00	0.00474
30.00	25.00	0.00508	30.00	20.00	0.00537
30.00	17.00	0.00548	30.00	15.00	0.00553
30.00	13.00	0.00555	30.00	11.00	0.00555
30.00	9.00	0.00552	30.00	-9.00	0.00358
30.00	-11.00	0.00335	30.00	-13.00	0.00318
30.00	-15.00	0.00304	30.00	-17.00	0.00293
30.00	-20.00	0.00277	30.00	-25.00	0.00255
30.00	-30.00	0.00234	30.00	-40.00	0.00199
30.00	-50.00	0.00169	30.00	-60.00	0.00145
30.00	-70.00	0.00125	30.00	-80.00	0.00108
30.00	-90.00	0.00095	30.00	-100.00	0.00084
40.00	100.00	0.00145	40.00	90.00	0.00164
40.00	80.00	0.00187	40.00	70.00	0.00214
40.00	60.00	0.00245	40.00	50.00	0.00283
40.00	40.00	0.00328	40.00	30.00	0.00383
40.00	25.00	0.00414	40.00	20.00	0.00447

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

17:29:17  
 \*\*MODELOPTs:  
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 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
40.00	17.00	0.00465	40.00	15.00	0.00477

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

40.00	13.00	0.00487	40.00	11.00	0.00494
40.00	9.00	0.00499	40.00	-9.00	0.00242
40.00	-11.00	0.00224	40.00	-13.00	0.00211
40.00	-15.00	0.00202	40.00	-17.00	0.00194
40.00	-20.00	0.00185	40.00	-25.00	0.00173
40.00	-30.00	0.00162	40.00	-40.00	0.00143
40.00	-50.00	0.00126	40.00	-60.00	0.00111
40.00	-70.00	0.00098	40.00	-80.00	0.00087
40.00	-90.00	0.00078	40.00	-100.00	0.00070
50.00	100.00	0.00125	50.00	90.00	0.00139
50.00	80.00	0.00155	50.00	70.00	0.00173
50.00	60.00	0.00193	50.00	50.00	0.00216
50.00	40.00	0.00239	50.00	30.00	0.00261
50.00	25.00	0.00270	50.00	20.00	0.00275
50.00	17.00	0.00274	50.00	15.00	0.00271
50.00	13.00	0.00266	50.00	11.00	0.00258
50.00	9.00	0.00247	50.00	-9.00	0.00111
50.00	-11.00	0.00111	50.00	-13.00	0.00111
50.00	-15.00	0.00111	50.00	-17.00	0.00111
50.00	-20.00	0.00110	50.00	-25.00	0.00109
50.00	-30.00	0.00107	50.00	-40.00	0.00100
50.00	-50.00	0.00093	50.00	-60.00	0.00085
50.00	-70.00	0.00077	50.00	-80.00	0.00070
50.00	-90.00	0.00063	50.00	-100.00	0.00058
60.00	100.00	0.00107	60.00	90.00	0.00117
60.00	80.00	0.00128	60.00	70.00	0.00140
60.00	60.00	0.00152	60.00	50.00	0.00164
60.00	40.00	0.00173	60.00	30.00	0.00178
60.00	25.00	0.00178	60.00	20.00	0.00173
60.00	17.00	0.00168	60.00	15.00	0.00163
60.00	13.00	0.00157	60.00	11.00	0.00151
60.00	9.00	0.00143	60.00	-9.00	0.00079
60.00	-11.00	0.00078	60.00	-13.00	0.00077
60.00	-15.00	0.00077	60.00	-17.00	0.00076
60.00	-20.00	0.00076	60.00	-25.00	0.00076
60.00	-30.00	0.00075	60.00	-40.00	0.00073
60.00	-50.00	0.00070	60.00	-60.00	0.00065
60.00	-70.00	0.00061	60.00	-80.00	0.00056
60.00	-90.00	0.00052	60.00	-100.00	0.00048

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17

\*\*MODELOPTs:

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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	
70.00	100.00	0.00091	70.00	90.00	0.00098	
70.00	80.00	0.00105	70.00	70.00	0.00112	
70.00	60.00	0.00119	70.00	50.00	0.00125	
70.00	40.00	0.00128	70.00	30.00	0.00126	
70.00	25.00	0.00123	70.00	20.00	0.00117	
70.00	17.00	0.00113	70.00	15.00	0.00110	
70.00	13.00	0.00106	70.00	11.00	0.00102	
70.00	9.00	0.00098	70.00	-9.00	0.00061	
70.00	-11.00	0.00060	70.00	-13.00	0.00060	
70.00	-15.00	0.00060	70.00	-17.00	0.00059	
70.00	-20.00	0.00059	70.00	-25.00	0.00058	
70.00	-30.00	0.00057	70.00	-40.00	0.00055	
70.00	-50.00	0.00053	70.00	-60.00	0.00051	
70.00	-70.00	0.00048	70.00	-80.00	0.00046	
70.00	-90.00	0.00043	70.00	-100.00	0.00040	
80.00	100.00	0.00077	80.00	90.00	0.00082	
80.00	80.00	0.00086	80.00	70.00	0.00091	
80.00	60.00	0.00094	80.00	50.00	0.00097	
80.00	40.00	0.00096	80.00	30.00	0.00093	
80.00	25.00	0.00090	80.00	20.00	0.00085	
80.00	17.00	0.00082	80.00	15.00	0.00080	
80.00	13.00	0.00078	80.00	11.00	0.00075	
80.00	9.00	0.00073	80.00	-9.00	0.00049	
80.00	-11.00	0.00048	80.00	-13.00	0.00048	
80.00	-15.00	0.00047	80.00	-17.00	0.00047	
80.00	-20.00	0.00047	80.00	-25.00	0.00047	
80.00	-30.00	0.00046	80.00	-40.00	0.00044	
80.00	-50.00	0.00042	80.00	-60.00	0.00041	
80.00	-70.00	0.00039	80.00	-80.00	0.00037	
80.00	-90.00	0.00035	80.00	-100.00	0.00034	
90.00	100.00	0.00065	90.00	90.00	0.00069	
90.00	80.00	0.00072	90.00	70.00	0.00074	
90.00	60.00	0.00076	90.00	50.00	0.00076	
90.00	40.00	0.00074	90.00	30.00	0.00071	
90.00	25.00	0.00068	90.00	20.00	0.00065	
90.00	17.00	0.00063	90.00	15.00	0.00061	
90.00	13.00	0.00060	90.00	11.00	0.00058	
90.00	9.00	0.00057	90.00	-9.00	0.00040	
90.00	-11.00	0.00039	90.00	-13.00	0.00039	

90.00 -15.00 0.00038 90.00 -17.00 0.00038

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

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 \*\*MODELOPTs:  
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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
90.00	-20.00	0.00038	90.00	-25.00	0.00038
90.00	-30.00	0.00038	90.00	-40.00	0.00037
90.00	-50.00	0.00035	90.00	-60.00	0.00033
90.00	-70.00	0.00032	90.00	-80.00	0.00031
90.00	-90.00	0.00029	90.00	-100.00	0.00028
100.00	100.00	0.00056	100.00	90.00	0.00058
100.00	80.00	0.00060	100.00	70.00	0.00061
100.00	60.00	0.00061	100.00	50.00	0.00061
100.00	40.00	0.00059	100.00	30.00	0.00056
100.00	25.00	0.00054	100.00	20.00	0.00051
100.00	17.00	0.00050	100.00	15.00	0.00049
100.00	13.00	0.00048	100.00	11.00	0.00047
100.00	9.00	0.00045	100.00	-9.00	0.00033
100.00	-11.00	0.00032	100.00	-13.00	0.00032
100.00	-15.00	0.00032	100.00	-17.00	0.00032
100.00	-20.00	0.00032	100.00	-25.00	0.00032
100.00	-30.00	0.00032	100.00	-40.00	0.00031
100.00	-50.00	0.00030	100.00	-60.00	0.00028
100.00	-70.00	0.00027	100.00	-80.00	0.00026
100.00	-90.00	0.00025	100.00	-100.00	0.00024
110.00	100.00	0.00048	110.00	90.00	0.00049
110.00	80.00	0.00050	110.00	70.00	0.00050
110.00	60.00	0.00050	110.00	50.00	0.00049
110.00	40.00	0.00048	110.00	30.00	0.00045
110.00	25.00	0.00043	110.00	20.00	0.00042
110.00	17.00	0.00041	110.00	15.00	0.00040
110.00	13.00	0.00039	110.00	11.00	0.00038
110.00	9.00	0.00037	110.00	-9.00	0.00028
110.00	-11.00	0.00027	110.00	-13.00	0.00027
110.00	-15.00	0.00027	110.00	-17.00	0.00026
110.00	-20.00	0.00026	110.00	-25.00	0.00026
110.00	-30.00	0.00027	110.00	-40.00	0.00026
110.00	-50.00	0.00026	110.00	-60.00	0.00025

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

110.00	-70.00	0.00023	110.00	-80.00	0.00022
110.00	-90.00	0.00021	110.00	-100.00	0.00021
120.00	100.00	0.00041	120.00	90.00	0.00042
120.00	80.00	0.00042	120.00	70.00	0.00042
120.00	60.00	0.00042	120.00	50.00	0.00041
120.00	40.00	0.00040	120.00	30.00	0.00037
120.00	25.00	0.00036	120.00	20.00	0.00034

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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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
120.00	17.00	0.00034	120.00	15.00	0.00033
120.00	13.00	0.00033	120.00	11.00	0.00032
120.00	9.00	0.00031	120.00	-9.00	0.00024
120.00	-11.00	0.00023	120.00	-13.00	0.00023
120.00	-15.00	0.00023	120.00	-17.00	0.00023
120.00	-20.00	0.00022	120.00	-25.00	0.00022
120.00	-30.00	0.00023	120.00	-40.00	0.00023
120.00	-50.00	0.00022	120.00	-60.00	0.00022
120.00	-70.00	0.00021	120.00	-80.00	0.00020
120.00	-90.00	0.00019	120.00	-100.00	0.00018
130.00	100.00	0.00036	130.00	90.00	0.00036
130.00	80.00	0.00036	130.00	70.00	0.00036
130.00	60.00	0.00035	130.00	50.00	0.00035
130.00	40.00	0.00033	130.00	30.00	0.00031
130.00	25.00	0.00030	130.00	20.00	0.00029
130.00	17.00	0.00028	130.00	15.00	0.00028
130.00	13.00	0.00028	130.00	11.00	0.00027
130.00	9.00	0.00027	130.00	-9.00	0.00021
130.00	-11.00	0.00020	130.00	-13.00	0.00020
130.00	-15.00	0.00020	130.00	-17.00	0.00019
130.00	-20.00	0.00019	130.00	-25.00	0.00019
130.00	-30.00	0.00019	130.00	-40.00	0.00019
130.00	-50.00	0.00019	130.00	-60.00	0.00019
130.00	-70.00	0.00018	130.00	-80.00	0.00018
130.00	-90.00	0.00017	130.00	-100.00	0.00016
140.00	100.00	0.00031	140.00	90.00	0.00031
140.00	80.00	0.00031	140.00	70.00	0.00031

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	60.00	0.00030	140.00	50.00	0.00029
140.00	40.00	0.00028	140.00	30.00	0.00026
140.00	25.00	0.00026	140.00	20.00	0.00025
140.00	17.00	0.00024	140.00	15.00	0.00024
140.00	13.00	0.00024	140.00	11.00	0.00023
140.00	9.00	0.00023	140.00	-9.00	0.00018
140.00	-11.00	0.00018	140.00	-13.00	0.00017
140.00	-15.00	0.00017	140.00	-17.00	0.00017
140.00	-20.00	0.00017	140.00	-25.00	0.00017
140.00	-30.00	0.00017	140.00	-40.00	0.00017
140.00	-50.00	0.00017	140.00	-60.00	0.00017
140.00	-70.00	0.00016	140.00	-80.00	0.00016
140.00	-90.00	0.00015	140.00	-100.00	0.00014

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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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
150.00	100.00	0.00027	150.00	90.00	0.00027
150.00	80.00	0.00027	150.00	70.00	0.00027
150.00	60.00	0.00026	150.00	50.00	0.00025
150.00	40.00	0.00024	150.00	30.00	0.00023
150.00	25.00	0.00022	150.00	20.00	0.00022
150.00	17.00	0.00021	150.00	15.00	0.00021
150.00	13.00	0.00021	150.00	11.00	0.00020
150.00	9.00	0.00020	150.00	-9.00	0.00016
150.00	-11.00	0.00016	150.00	-13.00	0.00015
150.00	-15.00	0.00015	150.00	-17.00	0.00015
150.00	-20.00	0.00015	150.00	-25.00	0.00015
150.00	-30.00	0.00015	150.00	-40.00	0.00015
150.00	-50.00	0.00015	150.00	-60.00	0.00015
150.00	-70.00	0.00014	150.00	-80.00	0.00014
150.00	-90.00	0.00014	150.00	-100.00	0.00013
160.00	100.00	0.00024	160.00	90.00	0.00024
160.00	80.00	0.00024	160.00	70.00	0.00023
160.00	60.00	0.00023	160.00	50.00	0.00022
160.00	40.00	0.00021	160.00	30.00	0.00020
160.00	25.00	0.00019	160.00	20.00	0.00019
160.00	17.00	0.00019	160.00	15.00	0.00018

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	13.00	0.00018	160.00	11.00	0.00018
160.00	9.00	0.00018	160.00	-9.00	0.00014
160.00	-11.00	0.00014	160.00	-13.00	0.00014
160.00	-15.00	0.00013	160.00	-17.00	0.00013
160.00	-20.00	0.00013	160.00	-25.00	0.00013
160.00	-30.00	0.00013	160.00	-40.00	0.00013
160.00	-50.00	0.00013	160.00	-60.00	0.00013
160.00	-70.00	0.00013	160.00	-80.00	0.00013
160.00	-90.00	0.00012	160.00	-100.00	0.00012
170.00	100.00	0.00021	170.00	90.00	0.00021
170.00	80.00	0.00021	170.00	70.00	0.00020
170.00	60.00	0.00020	170.00	50.00	0.00019
170.00	40.00	0.00018	170.00	30.00	0.00017
170.00	25.00	0.00017	170.00	20.00	0.00017
170.00	17.00	0.00016	170.00	15.00	0.00016
170.00	13.00	0.00016	170.00	11.00	0.00016
170.00	9.00	0.00016	170.00	-9.00	0.00013
170.00	-11.00	0.00013	170.00	-13.00	0.00012
170.00	-15.00	0.00012	170.00	-17.00	0.00012

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17  
 \*\*MODELOPTs:  
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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
170.00	-20.00	0.00012	170.00	-25.00	0.00012
170.00	-30.00	0.00011	170.00	-40.00	0.00012
170.00	-50.00	0.00012	170.00	-60.00	0.00012
170.00	-70.00	0.00012	170.00	-80.00	0.00011
170.00	-90.00	0.00011	170.00	-100.00	0.00011
180.00	100.00	0.00019	180.00	90.00	0.00019
180.00	80.00	0.00018	180.00	70.00	0.00018
180.00	60.00	0.00018	180.00	50.00	0.00017
180.00	40.00	0.00016	180.00	30.00	0.00015
180.00	25.00	0.00015	180.00	20.00	0.00015
180.00	17.00	0.00015	180.00	15.00	0.00014
180.00	13.00	0.00014	180.00	11.00	0.00014
180.00	9.00	0.00014	180.00	-9.00	0.00011
180.00	-11.00	0.00011	180.00	-13.00	0.00011
180.00	-15.00	0.00011	180.00	-17.00	0.00011

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

180.00	-20.00	0.00011	180.00	-25.00	0.00010
180.00	-30.00	0.00010	180.00	-40.00	0.00010
180.00	-50.00	0.00010	180.00	-60.00	0.00010
180.00	-70.00	0.00010	180.00	-80.00	0.00010
180.00	-90.00	0.00010	180.00	-100.00	0.00010
190.00	100.00	0.00017	190.00	90.00	0.00017
190.00	80.00	0.00017	190.00	70.00	0.00016
190.00	60.00	0.00016	190.00	50.00	0.00015
190.00	40.00	0.00014	190.00	30.00	0.00014
190.00	25.00	0.00014	190.00	20.00	0.00013
190.00	17.00	0.00013	190.00	15.00	0.00013
190.00	13.00	0.00013	190.00	11.00	0.00013
190.00	9.00	0.00012	190.00	-9.00	0.00010
190.00	-11.00	0.00010	190.00	-13.00	0.00010
190.00	-15.00	0.00010	190.00	-17.00	0.00010
190.00	-20.00	0.00010	190.00	-25.00	0.00009
190.00	-30.00	0.00009	190.00	-40.00	0.00009
190.00	-50.00	0.00009	190.00	-60.00	0.00009
190.00	-70.00	0.00009	190.00	-80.00	0.00009
190.00	-90.00	0.00009	190.00	-100.00	0.00009
200.00	100.00	0.00015	200.00	90.00	0.00015
200.00	80.00	0.00015	200.00	70.00	0.00014
200.00	60.00	0.00014	200.00	50.00	0.00013
200.00	40.00	0.00013	200.00	30.00	0.00012
200.00	25.00	0.00012	200.00	20.00	0.00012

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

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 \*\*MODELOPTs:  
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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
200.00	17.00	0.00012	200.00	15.00	0.00012
200.00	13.00	0.00012	200.00	11.00	0.00011
200.00	9.00	0.00011	200.00	-9.00	0.00009
200.00	-11.00	0.00009	200.00	-13.00	0.00009
200.00	-15.00	0.00009	200.00	-17.00	0.00009
200.00	-20.00	0.00009	200.00	-25.00	0.00009
200.00	-30.00	0.00008	200.00	-40.00	0.00008
200.00	-50.00	0.00009	200.00	-60.00	0.00009
200.00	-70.00	0.00009	200.00	-80.00	0.00009

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

\*\*\* 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
230.00	100.00	0.00011	230.00	90.00	0.00011
230.00	80.00	0.00011	230.00	70.00	0.00011
230.00	60.00	0.00010	230.00	50.00	0.00010

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	40.00	0.00010	230.00	30.00	0.00009
230.00	25.00	0.00009	230.00	20.00	0.00009
230.00	17.00	0.00009	230.00	15.00	0.00009
230.00	13.00	0.00009	230.00	11.00	0.00009
230.00	9.00	0.00008	230.00	-9.00	0.00007
230.00	-11.00	0.00007	230.00	-13.00	0.00007
230.00	-15.00	0.00007	230.00	-17.00	0.00007
230.00	-20.00	0.00007	230.00	-25.00	0.00007
230.00	-30.00	0.00006	230.00	-40.00	0.00006
230.00	-50.00	0.00006	230.00	-60.00	0.00007
230.00	-70.00	0.00007	230.00	-80.00	0.00007
230.00	-90.00	0.00007	230.00	-100.00	0.00007
240.00	100.00	0.00010	240.00	90.00	0.00010
240.00	80.00	0.00010	240.00	70.00	0.00010
240.00	60.00	0.00009	240.00	50.00	0.00009
240.00	40.00	0.00009	240.00	30.00	0.00009
240.00	25.00	0.00008	240.00	20.00	0.00008
240.00	17.00	0.00008	240.00	15.00	0.00008
240.00	13.00	0.00008	240.00	11.00	0.00008
240.00	9.00	0.00008	240.00	-9.00	0.00007
240.00	-11.00	0.00007	240.00	-13.00	0.00007
240.00	-15.00	0.00006	240.00	-17.00	0.00006
240.00	-20.00	0.00006	240.00	-25.00	0.00006
240.00	-30.00	0.00006	240.00	-40.00	0.00006
240.00	-50.00	0.00006	240.00	-60.00	0.00006
240.00	-70.00	0.00006	240.00	-80.00	0.00006
240.00	-90.00	0.00006	240.00	-100.00	0.00006
250.00	100.00	0.00010	250.00	90.00	0.00009
250.00	80.00	0.00009	250.00	70.00	0.00009
250.00	60.00	0.00009	250.00	50.00	0.00008
250.00	40.00	0.00008	250.00	30.00	0.00008
250.00	25.00	0.00008	250.00	20.00	0.00008
250.00	17.00	0.00008	250.00	15.00	0.00007
250.00	13.00	0.00007	250.00	11.00	0.00007
250.00	9.00	0.00007	250.00	-9.00	0.00006
250.00	-11.00	0.00006	250.00	-13.00	0.00006
250.00	-15.00	0.00006	250.00	-17.00	0.00006

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: NCRA\_S3  
 INCLUDING SOURCE(S): NCRA\_S3 ,



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-240.00	-30.00	0.00061	-240.00	-40.00	0.00066
-240.00	-50.00	0.00069	-240.00	-60.00	0.00071
-240.00	-70.00	0.00071	-240.00	-80.00	0.00069
-240.00	-90.00	0.00067	-240.00	-100.00	0.00064
-230.00	100.00	0.00022	-230.00	90.00	0.00023
-230.00	80.00	0.00023	-230.00	70.00	0.00024
-230.00	60.00	0.00026	-230.00	50.00	0.00027
-230.00	40.00	0.00030	-230.00	30.00	0.00032
-230.00	25.00	0.00034	-230.00	20.00	0.00035
-230.00	17.00	0.00037	-230.00	15.00	0.00038
-230.00	13.00	0.00039	-230.00	11.00	0.00040
-230.00	9.00	0.00041	-230.00	-9.00	0.00057
-230.00	-11.00	0.00059	-230.00	-13.00	0.00061
-230.00	-15.00	0.00062	-230.00	-17.00	0.00063

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-230.00	-20.00	0.00065	-230.00	-25.00	0.00068
-230.00	-30.00	0.00071	-230.00	-40.00	0.00076
-230.00	-50.00	0.00079	-230.00	-60.00	0.00080
-230.00	-70.00	0.00079	-230.00	-80.00	0.00077
-230.00	-90.00	0.00073	-230.00	-100.00	0.00070
-220.00	100.00	0.00025	-220.00	90.00	0.00026
-220.00	80.00	0.00027	-220.00	70.00	0.00027
-220.00	60.00	0.00029	-220.00	50.00	0.00030
-220.00	40.00	0.00033	-220.00	30.00	0.00036
-220.00	25.00	0.00038	-220.00	20.00	0.00040
-220.00	17.00	0.00041	-220.00	15.00	0.00042
-220.00	13.00	0.00043	-220.00	11.00	0.00045
-220.00	9.00	0.00046	-220.00	-9.00	0.00066
-220.00	-11.00	0.00068	-220.00	-13.00	0.00070
-220.00	-15.00	0.00072	-220.00	-17.00	0.00074
-220.00	-20.00	0.00076	-220.00	-25.00	0.00079
-220.00	-30.00	0.00083	-220.00	-40.00	0.00088
-220.00	-50.00	0.00092	-220.00	-60.00	0.00092
-220.00	-70.00	0.00089	-220.00	-80.00	0.00085
-220.00	-90.00	0.00081	-220.00	-100.00	0.00076

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	100.00	0.00029	-210.00	90.00	0.00030
-210.00	80.00	0.00030	-210.00	70.00	0.00031
-210.00	60.00	0.00032	-210.00	50.00	0.00034
-210.00	40.00	0.00037	-210.00	30.00	0.00041
-210.00	25.00	0.00043	-210.00	20.00	0.00045
-210.00	17.00	0.00047	-210.00	15.00	0.00048
-210.00	13.00	0.00049	-210.00	11.00	0.00051
-210.00	9.00	0.00053	-210.00	-9.00	0.00077
-210.00	-11.00	0.00080	-210.00	-13.00	0.00082
-210.00	-15.00	0.00084	-210.00	-17.00	0.00086
-210.00	-20.00	0.00089	-210.00	-25.00	0.00094
-210.00	-30.00	0.00098	-210.00	-40.00	0.00104
-210.00	-50.00	0.00106	-210.00	-60.00	0.00104
-210.00	-70.00	0.00100	-210.00	-80.00	0.00095
-210.00	-90.00	0.00090	-210.00	-100.00	0.00084
-200.00	100.00	0.00034	-200.00	90.00	0.00034
-200.00	80.00	0.00035	-200.00	70.00	0.00036
-200.00	60.00	0.00037	-200.00	50.00	0.00039
-200.00	40.00	0.00042	-200.00	30.00	0.00046
-200.00	25.00	0.00048	-200.00	20.00	0.00051

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

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 \*\*MODELOPTS:  
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 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
-200.00	17.00	0.00053	-200.00	15.00	0.00055
-200.00	13.00	0.00056	-200.00	11.00	0.00058
-200.00	9.00	0.00061	-200.00	-9.00	0.00092
-200.00	-11.00	0.00095	-200.00	-13.00	0.00098
-200.00	-15.00	0.00100	-200.00	-17.00	0.00103
-200.00	-20.00	0.00106	-200.00	-25.00	0.00112
-200.00	-30.00	0.00117	-200.00	-40.00	0.00123
-200.00	-50.00	0.00123	-200.00	-60.00	0.00119
-200.00	-70.00	0.00113	-200.00	-80.00	0.00106
-200.00	-90.00	0.00099	-200.00	-100.00	0.00092
-190.00	100.00	0.00040	-190.00	90.00	0.00041
-190.00	80.00	0.00042	-190.00	70.00	0.00043
-190.00	60.00	0.00044	-190.00	50.00	0.00045
-190.00	40.00	0.00048	-190.00	30.00	0.00052

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	25.00	0.00055	-190.00	20.00	0.00059
-190.00	17.00	0.00061	-190.00	15.00	0.00063
-190.00	13.00	0.00065	-190.00	11.00	0.00067
-190.00	9.00	0.00070	-190.00	-9.00	0.00110
-190.00	-11.00	0.00114	-190.00	-13.00	0.00118
-190.00	-15.00	0.00121	-190.00	-17.00	0.00124
-190.00	-20.00	0.00129	-190.00	-25.00	0.00136
-190.00	-30.00	0.00141	-190.00	-40.00	0.00146
-190.00	-50.00	0.00143	-190.00	-60.00	0.00136
-190.00	-70.00	0.00128	-190.00	-80.00	0.00119
-190.00	-90.00	0.00110	-190.00	-100.00	0.00102
-180.00	100.00	0.00049	-180.00	90.00	0.00050
-180.00	80.00	0.00051	-180.00	70.00	0.00052
-180.00	60.00	0.00053	-180.00	50.00	0.00054
-180.00	40.00	0.00057	-180.00	30.00	0.00061
-180.00	25.00	0.00064	-180.00	20.00	0.00068
-180.00	17.00	0.00071	-180.00	15.00	0.00073
-180.00	13.00	0.00075	-180.00	11.00	0.00078
-180.00	9.00	0.00081	-180.00	-9.00	0.00134
-180.00	-11.00	0.00139	-180.00	-13.00	0.00144
-180.00	-15.00	0.00148	-180.00	-17.00	0.00153
-180.00	-20.00	0.00159	-180.00	-25.00	0.00167
-180.00	-30.00	0.00172	-180.00	-40.00	0.00173
-180.00	-50.00	0.00166	-180.00	-60.00	0.00156
-180.00	-70.00	0.00144	-180.00	-80.00	0.00133
-180.00	-90.00	0.00122	-180.00	-100.00	0.00112

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

04/20/08

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTS:  
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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
-170.00	100.00	0.00062	-170.00	90.00	0.00063
-170.00	80.00	0.00064	-170.00	70.00	0.00065
-170.00	60.00	0.00066	-170.00	50.00	0.00067
-170.00	40.00	0.00069	-170.00	30.00	0.00072
-170.00	25.00	0.00075	-170.00	20.00	0.00079
-170.00	17.00	0.00083	-170.00	15.00	0.00085
-170.00	13.00	0.00088	-170.00	11.00	0.00092
-170.00	9.00	0.00096	-170.00	-9.00	0.00166

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-11.00	0.00173	-170.00	-13.00	0.00180
-170.00	-15.00	0.00186	-170.00	-17.00	0.00192
-170.00	-20.00	0.00199	-170.00	-25.00	0.00206
-170.00	-30.00	0.00209	-170.00	-40.00	0.00205
-170.00	-50.00	0.00194	-170.00	-60.00	0.00179
-170.00	-70.00	0.00164	-170.00	-80.00	0.00149
-170.00	-90.00	0.00136	-170.00	-100.00	0.00123
-160.00	100.00	0.00080	-160.00	90.00	0.00083
-160.00	80.00	0.00085	-160.00	70.00	0.00088
-160.00	60.00	0.00089	-160.00	50.00	0.00089
-160.00	40.00	0.00089	-160.00	30.00	0.00089
-160.00	25.00	0.00091	-160.00	20.00	0.00095
-160.00	17.00	0.00098	-160.00	15.00	0.00100
-160.00	13.00	0.00104	-160.00	11.00	0.00108
-160.00	9.00	0.00113	-160.00	-9.00	0.00211
-160.00	-11.00	0.00221	-160.00	-13.00	0.00230
-160.00	-15.00	0.00237	-160.00	-17.00	0.00243
-160.00	-20.00	0.00250	-160.00	-25.00	0.00255
-160.00	-30.00	0.00254	-160.00	-40.00	0.00244
-160.00	-50.00	0.00226	-160.00	-60.00	0.00206
-160.00	-70.00	0.00186	-160.00	-80.00	0.00167
-160.00	-90.00	0.00149	-160.00	-100.00	0.00134
-150.00	100.00	0.00103	-150.00	90.00	0.00109
-150.00	80.00	0.00116	-150.00	70.00	0.00122
-150.00	60.00	0.00127	-150.00	50.00	0.00130
-150.00	40.00	0.00130	-150.00	30.00	0.00125
-150.00	25.00	0.00123	-150.00	20.00	0.00121
-150.00	17.00	0.00122	-150.00	15.00	0.00124
-150.00	13.00	0.00126	-150.00	11.00	0.00130
-150.00	9.00	0.00135	-150.00	-9.00	0.00277
-150.00	-11.00	0.00290	-150.00	-13.00	0.00299
-150.00	-15.00	0.00306	-150.00	-17.00	0.00310

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

17:29:17  
 \*\*MODELOPTS:  
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 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
-150.00	-20.00	0.00314	-150.00	-25.00	0.00315
-150.00	-30.00	0.00310	-150.00	-40.00	0.00290

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-150.00	-50.00	0.00263	-150.00	-60.00	0.00234
-150.00	-70.00	0.00207	-150.00	-80.00	0.00182
-150.00	-90.00	0.00161	-150.00	-100.00	0.00143
-140.00	100.00	0.00128	-140.00	90.00	0.00140
-140.00	80.00	0.00153	-140.00	70.00	0.00167
-140.00	60.00	0.00183	-140.00	50.00	0.00198
-140.00	40.00	0.00212	-140.00	30.00	0.00219
-140.00	25.00	0.00218	-140.00	20.00	0.00212
-140.00	17.00	0.00206	-140.00	15.00	0.00200
-140.00	13.00	0.00195	-140.00	11.00	0.00191
-140.00	9.00	0.00188	-140.00	-9.00	0.00388
-140.00	-11.00	0.00395	-140.00	-13.00	0.00399
-140.00	-15.00	0.00401	-140.00	-17.00	0.00401
-140.00	-20.00	0.00398	-140.00	-25.00	0.00388
-140.00	-30.00	0.00373	-140.00	-40.00	0.00336
-140.00	-50.00	0.00295	-140.00	-60.00	0.00257
-140.00	-70.00	0.00223	-140.00	-80.00	0.00194
-140.00	-90.00	0.00170	-140.00	-100.00	0.00149
-130.00	100.00	0.00151	-130.00	90.00	0.00167
-130.00	80.00	0.00187	-130.00	70.00	0.00210
-130.00	60.00	0.00237	-130.00	50.00	0.00267
-130.00	40.00	0.00302	-130.00	30.00	0.00341
-130.00	25.00	0.00362	-130.00	20.00	0.00383
-130.00	17.00	0.00396	-130.00	15.00	0.00404
-130.00	13.00	0.00413	-130.00	11.00	0.00424
-130.00	9.00	0.00438	-130.00	-9.00	0.00508
-130.00	-11.00	0.00498	-130.00	-13.00	0.00490
-130.00	-15.00	0.00482	-130.00	-17.00	0.00474
-130.00	-20.00	0.00462	-130.00	-25.00	0.00440
-130.00	-30.00	0.00416	-130.00	-40.00	0.00365
-130.00	-50.00	0.00315	-130.00	-60.00	0.00270
-130.00	-70.00	0.00233	-130.00	-80.00	0.00201
-130.00	-90.00	0.00174	-130.00	-100.00	0.00152
-120.00	100.00	0.00169	-120.00	90.00	0.00190
-120.00	80.00	0.00214	-120.00	70.00	0.00243
-120.00	60.00	0.00278	-120.00	50.00	0.00319
-120.00	40.00	0.00367	-120.00	30.00	0.00422
-120.00	25.00	0.00452	-120.00	20.00	0.00482

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17  
 \*\*MODELOPTS:  
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CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: 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	
-120.00	17.00	0.00498	-120.00	15.00	0.00508	
-120.00	13.00	0.00518	-120.00	11.00	0.00526	
-120.00	9.00	0.00536	-120.00	-9.00	0.00528	
-120.00	-11.00	0.00518	-120.00	-13.00	0.00510	
-120.00	-15.00	0.00502	-120.00	-17.00	0.00494	
-120.00	-20.00	0.00482	-120.00	-25.00	0.00458	
-120.00	-30.00	0.00431	-120.00	-40.00	0.00374	
-120.00	-50.00	0.00321	-120.00	-60.00	0.00274	
-120.00	-70.00	0.00234	-120.00	-80.00	0.00201	
-120.00	-90.00	0.00173	-120.00	-100.00	0.00150	
-110.00	100.00	0.00183	-110.00	90.00	0.00207	
-110.00	80.00	0.00235	-110.00	70.00	0.00269	
-110.00	60.00	0.00309	-110.00	50.00	0.00355	
-110.00	40.00	0.00410	-110.00	30.00	0.00470	
-110.00	25.00	0.00502	-110.00	20.00	0.00532	
-110.00	17.00	0.00547	-110.00	15.00	0.00555	
-110.00	13.00	0.00562	-110.00	11.00	0.00567	
-110.00	9.00	0.00573	-110.00	-9.00	0.00530	
-110.00	-11.00	0.00519	-110.00	-13.00	0.00509	
-110.00	-15.00	0.00501	-110.00	-17.00	0.00492	
-110.00	-20.00	0.00479	-110.00	-25.00	0.00454	
-110.00	-30.00	0.00427	-110.00	-40.00	0.00370	
-110.00	-50.00	0.00317	-110.00	-60.00	0.00270	
-110.00	-70.00	0.00230	-110.00	-80.00	0.00196	
-110.00	-90.00	0.00169	-110.00	-100.00	0.00146	
-100.00	100.00	0.00193	-100.00	90.00	0.00219	
-100.00	80.00	0.00249	-100.00	70.00	0.00286	
-100.00	60.00	0.00328	-100.00	50.00	0.00379	
-100.00	40.00	0.00436	-100.00	30.00	0.00498	
-100.00	25.00	0.00528	-100.00	20.00	0.00556	
-100.00	17.00	0.00569	-100.00	15.00	0.00576	
-100.00	13.00	0.00582	-100.00	11.00	0.00585	
-100.00	9.00	0.00588	-100.00	-9.00	0.00521	
-100.00	-11.00	0.00509	-100.00	-13.00	0.00499	
-100.00	-15.00	0.00489	-100.00	-17.00	0.00479	
-100.00	-20.00	0.00464	-100.00	-25.00	0.00437	
-100.00	-30.00	0.00409	-100.00	-40.00	0.00354	
-100.00	-50.00	0.00303	-100.00	-60.00	0.00258	
-100.00	-70.00	0.00219	-100.00	-80.00	0.00187	
-100.00	-90.00	0.00160	-100.00	-100.00	0.00138	

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTS:

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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
-90.00	100.00	0.00196	-90.00	90.00	0.00224
-90.00	80.00	0.00256	-90.00	70.00	0.00294
-90.00	60.00	0.00339	-90.00	50.00	0.00391
-90.00	40.00	0.00450	-90.00	30.00	0.00511
-90.00	25.00	0.00540	-90.00	20.00	0.00566
-90.00	17.00	0.00578	-90.00	15.00	0.00584
-90.00	13.00	0.00588	-90.00	11.00	0.00589
-90.00	9.00	0.00591	-90.00	-9.00	0.00503
-90.00	-11.00	0.00489	-90.00	-13.00	0.00477
-90.00	-15.00	0.00466	-90.00	-17.00	0.00455
-90.00	-20.00	0.00439	-90.00	-25.00	0.00410
-90.00	-30.00	0.00382	-90.00	-40.00	0.00329
-90.00	-50.00	0.00281	-90.00	-60.00	0.00239
-90.00	-70.00	0.00203	-90.00	-80.00	0.00173
-90.00	-90.00	0.00148	-90.00	-100.00	0.00127
-80.00	100.00	0.00194	-80.00	90.00	0.00222
-80.00	80.00	0.00255	-80.00	70.00	0.00294
-80.00	60.00	0.00340	-80.00	50.00	0.00393
-80.00	40.00	0.00452	-80.00	30.00	0.00513
-80.00	25.00	0.00543	-80.00	20.00	0.00567
-80.00	17.00	0.00578	-80.00	15.00	0.00583
-80.00	13.00	0.00585	-80.00	11.00	0.00585
-80.00	9.00	0.00585	-80.00	-9.00	0.00473
-80.00	-11.00	0.00457	-80.00	-13.00	0.00443
-80.00	-15.00	0.00430	-80.00	-17.00	0.00418
-80.00	-20.00	0.00400	-80.00	-25.00	0.00371
-80.00	-30.00	0.00344	-80.00	-40.00	0.00295
-80.00	-50.00	0.00251	-80.00	-60.00	0.00213
-80.00	-70.00	0.00181	-80.00	-80.00	0.00154
-80.00	-90.00	0.00132	-80.00	-100.00	0.00113
-70.00	100.00	0.00184	-70.00	90.00	0.00211
-70.00	80.00	0.00243	-70.00	70.00	0.00282
-70.00	60.00	0.00328	-70.00	50.00	0.00382
-70.00	40.00	0.00442	-70.00	30.00	0.00505

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	25.00	0.00534	-70.00	20.00	0.00559
-70.00	17.00	0.00570	-70.00	15.00	0.00574
-70.00	13.00	0.00575	-70.00	11.00	0.00574
-70.00	9.00	0.00572	-70.00	-9.00	0.00427
-70.00	-11.00	0.00408	-70.00	-13.00	0.00392
-70.00	-15.00	0.00377	-70.00	-17.00	0.00364

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-70.00	-20.00	0.00346	-70.00	-25.00	0.00320
-70.00	-30.00	0.00296	-70.00	-40.00	0.00252
-70.00	-50.00	0.00213	-70.00	-60.00	0.00180
-70.00	-70.00	0.00153	-70.00	-80.00	0.00131
-70.00	-90.00	0.00113	-70.00	-100.00	0.00099
-60.00	100.00	0.00166	-60.00	90.00	0.00190
-60.00	80.00	0.00219	-60.00	70.00	0.00254
-60.00	60.00	0.00296	-60.00	50.00	0.00347
-60.00	40.00	0.00407	-60.00	30.00	0.00474
-60.00	25.00	0.00508	-60.00	20.00	0.00537
-60.00	17.00	0.00548	-60.00	15.00	0.00553
-60.00	13.00	0.00555	-60.00	11.00	0.00555
-60.00	9.00	0.00552	-60.00	-9.00	0.00358
-60.00	-11.00	0.00335	-60.00	-13.00	0.00318
-60.00	-15.00	0.00304	-60.00	-17.00	0.00293
-60.00	-20.00	0.00277	-60.00	-25.00	0.00255
-60.00	-30.00	0.00234	-60.00	-40.00	0.00199
-60.00	-50.00	0.00169	-60.00	-60.00	0.00145
-60.00	-70.00	0.00125	-60.00	-80.00	0.00108
-60.00	-90.00	0.00095	-60.00	-100.00	0.00084
-50.00	100.00	0.00145	-50.00	90.00	0.00164
-50.00	80.00	0.00187	-50.00	70.00	0.00214
-50.00	60.00	0.00245	-50.00	50.00	0.00283
-50.00	40.00	0.00328	-50.00	30.00	0.00383
-50.00	25.00	0.00414	-50.00	20.00	0.00447
-50.00	17.00	0.00465	-50.00	15.00	0.00477
-50.00	13.00	0.00487	-50.00	11.00	0.00494
-50.00	9.00	0.00499	-50.00	-9.00	0.00242

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-11.00	0.00224	-50.00	-13.00	0.00211
-50.00	-15.00	0.00202	-50.00	-17.00	0.00194
-50.00	-20.00	0.00185	-50.00	-25.00	0.00173
-50.00	-30.00	0.00162	-50.00	-40.00	0.00143
-50.00	-50.00	0.00126	-50.00	-60.00	0.00111
-50.00	-70.00	0.00098	-50.00	-80.00	0.00087
-50.00	-90.00	0.00078	-50.00	-100.00	0.00070
-40.00	100.00	0.00125	-40.00	90.00	0.00139
-40.00	80.00	0.00155	-40.00	70.00	0.00173
-40.00	60.00	0.00193	-40.00	50.00	0.00216
-40.00	40.00	0.00239	-40.00	30.00	0.00261
-40.00	25.00	0.00270	-40.00	20.00	0.00275

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*MODELOPTs:

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

\*\*\* 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
-40.00	17.00	0.00274	-40.00	15.00	0.00271
-40.00	13.00	0.00266	-40.00	11.00	0.00258
-40.00	9.00	0.00247	-40.00	-9.00	0.00111
-40.00	-11.00	0.00111	-40.00	-13.00	0.00111
-40.00	-15.00	0.00111	-40.00	-17.00	0.00111
-40.00	-20.00	0.00110	-40.00	-25.00	0.00109
-40.00	-30.00	0.00107	-40.00	-40.00	0.00100
-40.00	-50.00	0.00093	-40.00	-60.00	0.00085
-40.00	-70.00	0.00077	-40.00	-80.00	0.00070
-40.00	-90.00	0.00063	-40.00	-100.00	0.00058
-30.00	100.00	0.00107	-30.00	90.00	0.00117
-30.00	80.00	0.00128	-30.00	70.00	0.00140
-30.00	60.00	0.00152	-30.00	50.00	0.00164
-30.00	40.00	0.00173	-30.00	30.00	0.00178
-30.00	25.00	0.00178	-30.00	20.00	0.00173
-30.00	17.00	0.00168	-30.00	15.00	0.00163
-30.00	13.00	0.00157	-30.00	11.00	0.00151
-30.00	9.00	0.00143	-30.00	-9.00	0.00079
-30.00	-11.00	0.00078	-30.00	-13.00	0.00077
-30.00	-15.00	0.00077	-30.00	-17.00	0.00076
-30.00	-20.00	0.00076	-30.00	-25.00	0.00076
-30.00	-30.00	0.00075	-30.00	-40.00	0.00073

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-30.00	-50.00	0.00070	-30.00	-60.00	0.00065
-30.00	-70.00	0.00061	-30.00	-80.00	0.00056
-30.00	-90.00	0.00052	-30.00	-100.00	0.00048
-20.00	100.00	0.00091	-20.00	90.00	0.00098
-20.00	80.00	0.00105	-20.00	70.00	0.00112
-20.00	60.00	0.00119	-20.00	50.00	0.00125
-20.00	40.00	0.00128	-20.00	30.00	0.00126
-20.00	25.00	0.00123	-20.00	20.00	0.00117
-20.00	17.00	0.00113	-20.00	15.00	0.00110
-20.00	13.00	0.00106	-20.00	11.00	0.00102
-20.00	9.00	0.00098	-20.00	-9.00	0.00061
-20.00	-11.00	0.00060	-20.00	-13.00	0.00060
-20.00	-15.00	0.00060	-20.00	-17.00	0.00059
-20.00	-20.00	0.00059	-20.00	-25.00	0.00058
-20.00	-30.00	0.00057	-20.00	-40.00	0.00055
-20.00	-50.00	0.00053	-20.00	-60.00	0.00051
-20.00	-70.00	0.00048	-20.00	-80.00	0.00046
-20.00	-90.00	0.00043	-20.00	-100.00	0.00040

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-10.00	100.00	0.00077	-10.00	90.00	0.00082
-10.00	80.00	0.00086	-10.00	70.00	0.00091
-10.00	60.00	0.00094	-10.00	50.00	0.00097
-10.00	40.00	0.00096	-10.00	30.00	0.00093
-10.00	25.00	0.00090	-10.00	20.00	0.00085
-10.00	17.00	0.00082	-10.00	15.00	0.00080
-10.00	13.00	0.00078	-10.00	11.00	0.00075
-10.00	9.00	0.00073	-10.00	-9.00	0.00049
-10.00	-11.00	0.00048	-10.00	-13.00	0.00048
-10.00	-15.00	0.00047	-10.00	-17.00	0.00047
-10.00	-20.00	0.00047	-10.00	-25.00	0.00047
-10.00	-30.00	0.00046	-10.00	-40.00	0.00044
-10.00	-50.00	0.00042	-10.00	-60.00	0.00041
-10.00	-70.00	0.00039	-10.00	-80.00	0.00037
-10.00	-90.00	0.00035	-10.00	-100.00	0.00034
0.00	100.00	0.00065	0.00	90.00	0.00069

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	80.00	0.00072	0.00	70.00	0.00074
0.00	60.00	0.00076	0.00	50.00	0.00076
0.00	40.00	0.00074	0.00	30.00	0.00071
0.00	25.00	0.00068	0.00	20.00	0.00065
0.00	17.00	0.00063	0.00	15.00	0.00061
0.00	13.00	0.00060	0.00	11.00	0.00058
0.00	9.00	0.00057	0.00	-9.00	0.00040
0.00	-11.00	0.00039	0.00	-13.00	0.00039
0.00	-15.00	0.00038	0.00	-17.00	0.00038
0.00	-20.00	0.00038	0.00	-25.00	0.00038
0.00	-30.00	0.00038	0.00	-40.00	0.00037
0.00	-50.00	0.00035	0.00	-60.00	0.00033
0.00	-70.00	0.00032	0.00	-80.00	0.00031
0.00	-90.00	0.00029	0.00	-100.00	0.00028
10.00	100.00	0.00056	10.00	90.00	0.00058
10.00	80.00	0.00060	10.00	70.00	0.00061
10.00	60.00	0.00061	10.00	50.00	0.00061
10.00	40.00	0.00059	10.00	30.00	0.00056
10.00	25.00	0.00054	10.00	20.00	0.00051
10.00	17.00	0.00050	10.00	15.00	0.00049
10.00	13.00	0.00048	10.00	11.00	0.00047
10.00	9.00	0.00045	10.00	-9.00	0.00033
10.00	-11.00	0.00032	10.00	-13.00	0.00032
10.00	-15.00	0.00032	10.00	-17.00	0.00032

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

17:29:17  
 \*\*MODELOPTs:  
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 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
10.00	-20.00	0.00032	10.00	-25.00	0.00032
10.00	-30.00	0.00032	10.00	-40.00	0.00031
10.00	-50.00	0.00030	10.00	-60.00	0.00028
10.00	-70.00	0.00027	10.00	-80.00	0.00026
10.00	-90.00	0.00025	10.00	-100.00	0.00024
20.00	100.00	0.00048	20.00	90.00	0.00049
20.00	80.00	0.00050	20.00	70.00	0.00050
20.00	60.00	0.00050	20.00	50.00	0.00049
20.00	40.00	0.00048	20.00	30.00	0.00045
20.00	25.00	0.00043	20.00	20.00	0.00042

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	17.00	0.00041	20.00	15.00	0.00040
20.00	13.00	0.00039	20.00	11.00	0.00038
20.00	9.00	0.00037	20.00	-9.00	0.00028
20.00	-11.00	0.00027	20.00	-13.00	0.00027
20.00	-15.00	0.00027	20.00	-17.00	0.00026
20.00	-20.00	0.00026	20.00	-25.00	0.00026
20.00	-30.00	0.00027	20.00	-40.00	0.00026
20.00	-50.00	0.00026	20.00	-60.00	0.00025
20.00	-70.00	0.00023	20.00	-80.00	0.00022
20.00	-90.00	0.00021	20.00	-100.00	0.00021
30.00	100.00	0.00041	30.00	90.00	0.00042
30.00	80.00	0.00042	30.00	70.00	0.00042
30.00	60.00	0.00042	30.00	50.00	0.00041
30.00	40.00	0.00040	30.00	30.00	0.00037
30.00	25.00	0.00036	30.00	20.00	0.00034
30.00	17.00	0.00034	30.00	15.00	0.00033
30.00	13.00	0.00033	30.00	11.00	0.00032
30.00	9.00	0.00031	30.00	-9.00	0.00024
30.00	-11.00	0.00023	30.00	-13.00	0.00023
30.00	-15.00	0.00023	30.00	-17.00	0.00023
30.00	-20.00	0.00022	30.00	-25.00	0.00022
30.00	-30.00	0.00023	30.00	-40.00	0.00023
30.00	-50.00	0.00022	30.00	-60.00	0.00022
30.00	-70.00	0.00021	30.00	-80.00	0.00020
30.00	-90.00	0.00019	30.00	-100.00	0.00018
40.00	100.00	0.00036	40.00	90.00	0.00036
40.00	80.00	0.00036	40.00	70.00	0.00036
40.00	60.00	0.00035	40.00	50.00	0.00035
40.00	40.00	0.00033	40.00	30.00	0.00031
40.00	25.00	0.00030	40.00	20.00	0.00029

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

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 \*\*MODELOPTs:  
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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
40.00	17.00	0.00028	40.00	15.00	0.00028
40.00	13.00	0.00028	40.00	11.00	0.00027
40.00	9.00	0.00027	40.00	-9.00	0.00021
40.00	-11.00	0.00020	40.00	-13.00	0.00020

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:

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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 \*\*\*

09NCRA\_NAPA00-300\_DPM\_TRAV ANN E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

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

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTS:  
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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
90.00	-20.00	0.00011	90.00	-25.00	0.00010
90.00	-30.00	0.00010	90.00	-40.00	0.00010
90.00	-50.00	0.00010	90.00	-60.00	0.00010
90.00	-70.00	0.00010	90.00	-80.00	0.00010
90.00	-90.00	0.00010	90.00	-100.00	0.00010
100.00	100.00	0.00017	100.00	90.00	0.00017
100.00	80.00	0.00017	100.00	70.00	0.00016
100.00	60.00	0.00016	100.00	50.00	0.00015
100.00	40.00	0.00014	100.00	30.00	0.00014
100.00	25.00	0.00014	100.00	20.00	0.00013
100.00	17.00	0.00013	100.00	15.00	0.00013
100.00	13.00	0.00013	100.00	11.00	0.00013
100.00	9.00	0.00012	100.00	-9.00	0.00010
100.00	-11.00	0.00010	100.00	-13.00	0.00010
100.00	-15.00	0.00010	100.00	-17.00	0.00010
100.00	-20.00	0.00010	100.00	-25.00	0.00009
100.00	-30.00	0.00009	100.00	-40.00	0.00009
100.00	-50.00	0.00009	100.00	-60.00	0.00009
100.00	-70.00	0.00009	100.00	-80.00	0.00009
100.00	-90.00	0.00009	100.00	-100.00	0.00009
110.00	100.00	0.00015	110.00	90.00	0.00015
110.00	80.00	0.00015	110.00	70.00	0.00014
110.00	60.00	0.00014	110.00	50.00	0.00013
110.00	40.00	0.00013	110.00	30.00	0.00012
110.00	25.00	0.00012	110.00	20.00	0.00012
110.00	17.00	0.00012	110.00	15.00	0.00012
110.00	13.00	0.00012	110.00	11.00	0.00011
110.00	9.00	0.00011	110.00	-9.00	0.00009
110.00	-11.00	0.00009	110.00	-13.00	0.00009
110.00	-15.00	0.00009	110.00	-17.00	0.00009
110.00	-20.00	0.00009	110.00	-25.00	0.00009
110.00	-30.00	0.00008	110.00	-40.00	0.00008
110.00	-50.00	0.00009	110.00	-60.00	0.00009
110.00	-70.00	0.00009	110.00	-80.00	0.00009
110.00	-90.00	0.00008	110.00	-100.00	0.00008
120.00	100.00	0.00014	120.00	90.00	0.00014

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

120.00	80.00	0.00013	120.00	70.00	0.00013
120.00	60.00	0.00013	120.00	50.00	0.00012
120.00	40.00	0.00012	120.00	30.00	0.00011
120.00	25.00	0.00011	120.00	20.00	0.00011

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

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 \*\*MODELOPTs:  
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 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
120.00	17.00	0.00011	120.00	15.00	0.00011
120.00	13.00	0.00010	120.00	11.00	0.00010
120.00	9.00	0.00010	120.00	-9.00	0.00009
120.00	-11.00	0.00009	120.00	-13.00	0.00008
120.00	-15.00	0.00008	120.00	-17.00	0.00008
120.00	-20.00	0.00008	120.00	-25.00	0.00008
120.00	-30.00	0.00008	120.00	-40.00	0.00008
120.00	-50.00	0.00008	120.00	-60.00	0.00008
120.00	-70.00	0.00008	120.00	-80.00	0.00008
120.00	-90.00	0.00008	120.00	-100.00	0.00008
130.00	100.00	0.00013	130.00	90.00	0.00012
130.00	80.00	0.00012	130.00	70.00	0.00012
130.00	60.00	0.00011	130.00	50.00	0.00011
130.00	40.00	0.00011	130.00	30.00	0.00010
130.00	25.00	0.00010	130.00	20.00	0.00010
130.00	17.00	0.00010	130.00	15.00	0.00010
130.00	13.00	0.00010	130.00	11.00	0.00009
130.00	9.00	0.00009	130.00	-9.00	0.00008
130.00	-11.00	0.00008	130.00	-13.00	0.00008
130.00	-15.00	0.00008	130.00	-17.00	0.00007
130.00	-20.00	0.00007	130.00	-25.00	0.00007
130.00	-30.00	0.00007	130.00	-40.00	0.00007
130.00	-50.00	0.00007	130.00	-60.00	0.00007
130.00	-70.00	0.00007	130.00	-80.00	0.00007
130.00	-90.00	0.00007	130.00	-100.00	0.00007
140.00	100.00	0.00011	140.00	90.00	0.00011
140.00	80.00	0.00011	140.00	70.00	0.00011
140.00	60.00	0.00010	140.00	50.00	0.00010
140.00	40.00	0.00010	140.00	30.00	0.00009
140.00	25.00	0.00009	140.00	20.00	0.00009

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	17.00	0.00009	140.00	15.00	0.00009
140.00	13.00	0.00009	140.00	11.00	0.00009
140.00	9.00	0.00008	140.00	-9.00	0.00007
140.00	-11.00	0.00007	140.00	-13.00	0.00007
140.00	-15.00	0.00007	140.00	-17.00	0.00007
140.00	-20.00	0.00007	140.00	-25.00	0.00007
140.00	-30.00	0.00006	140.00	-40.00	0.00006
140.00	-50.00	0.00006	140.00	-60.00	0.00007
140.00	-70.00	0.00007	140.00	-80.00	0.00007
140.00	-90.00	0.00007	140.00	-100.00	0.00007

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
150.00	100.00	0.00010	150.00	90.00	0.00010
150.00	80.00	0.00010	150.00	70.00	0.00010
150.00	60.00	0.00009	150.00	50.00	0.00009
150.00	40.00	0.00009	150.00	30.00	0.00009
150.00	25.00	0.00008	150.00	20.00	0.00008
150.00	17.00	0.00008	150.00	15.00	0.00008
150.00	13.00	0.00008	150.00	11.00	0.00008
150.00	9.00	0.00008	150.00	-9.00	0.00007
150.00	-11.00	0.00007	150.00	-13.00	0.00007
150.00	-15.00	0.00006	150.00	-17.00	0.00006
150.00	-20.00	0.00006	150.00	-25.00	0.00006
150.00	-30.00	0.00006	150.00	-40.00	0.00006
150.00	-50.00	0.00006	150.00	-60.00	0.00006
150.00	-70.00	0.00006	150.00	-80.00	0.00006
150.00	-90.00	0.00006	150.00	-100.00	0.00006
160.00	100.00	0.00010	160.00	90.00	0.00009
160.00	80.00	0.00009	160.00	70.00	0.00009
160.00	60.00	0.00009	160.00	50.00	0.00008
160.00	40.00	0.00008	160.00	30.00	0.00008
160.00	25.00	0.00008	160.00	20.00	0.00008
160.00	17.00	0.00008	160.00	15.00	0.00007
160.00	13.00	0.00007	160.00	11.00	0.00007
160.00	9.00	0.00007	160.00	-9.00	0.00006
160.00	-11.00	0.00006	160.00	-13.00	0.00006

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-15.00	0.00006	160.00	-17.00	0.00006
160.00	-20.00	0.00006	160.00	-25.00	0.00006
160.00	-30.00	0.00006	160.00	-40.00	0.00005
160.00	-50.00	0.00005	160.00	-60.00	0.00006
160.00	-70.00	0.00006	160.00	-80.00	0.00006
160.00	-90.00	0.00006	160.00	-100.00	0.00006
170.00	100.00	0.00009	170.00	90.00	0.00009
170.00	80.00	0.00008	170.00	70.00	0.00008
170.00	60.00	0.00008	170.00	50.00	0.00008
170.00	40.00	0.00008	170.00	30.00	0.00007
170.00	25.00	0.00007	170.00	20.00	0.00007
170.00	17.00	0.00007	170.00	15.00	0.00007
170.00	13.00	0.00007	170.00	11.00	0.00007
170.00	9.00	0.00007	170.00	-9.00	0.00006
170.00	-11.00	0.00006	170.00	-13.00	0.00006
170.00	-15.00	0.00006	170.00	-17.00	0.00006

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

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 \*\*MODELOPTs:  
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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
170.00	-20.00	0.00005	170.00	-25.00	0.00005
170.00	-30.00	0.00005	170.00	-40.00	0.00005
170.00	-50.00	0.00005	170.00	-60.00	0.00005
170.00	-70.00	0.00005	170.00	-80.00	0.00005
170.00	-90.00	0.00005	170.00	-100.00	0.00005
180.00	100.00	0.00008	180.00	90.00	0.00008
180.00	80.00	0.00008	180.00	70.00	0.00008
180.00	60.00	0.00007	180.00	50.00	0.00007
180.00	40.00	0.00007	180.00	30.00	0.00007
180.00	25.00	0.00007	180.00	20.00	0.00007
180.00	17.00	0.00006	180.00	15.00	0.00006
180.00	13.00	0.00006	180.00	11.00	0.00006
180.00	9.00	0.00006	180.00	-9.00	0.00005
180.00	-11.00	0.00005	180.00	-13.00	0.00005
180.00	-15.00	0.00005	180.00	-17.00	0.00005
180.00	-20.00	0.00005	180.00	-25.00	0.00005
180.00	-30.00	0.00005	180.00	-40.00	0.00005
180.00	-50.00	0.00005	180.00	-60.00	0.00005



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	60.00	0.00006	210.00	50.00	0.00006
210.00	40.00	0.00006	210.00	30.00	0.00006
210.00	25.00	0.00005	210.00	20.00	0.00005
210.00	17.00	0.00005	210.00	15.00	0.00005
210.00	13.00	0.00005	210.00	11.00	0.00005
210.00	9.00	0.00005	210.00	-9.00	0.00004
210.00	-11.00	0.00004	210.00	-13.00	0.00004
210.00	-15.00	0.00004	210.00	-17.00	0.00004
210.00	-20.00	0.00004	210.00	-25.00	0.00004
210.00	-30.00	0.00004	210.00	-40.00	0.00004
210.00	-50.00	0.00004	210.00	-60.00	0.00004
210.00	-70.00	0.00004	210.00	-80.00	0.00004
210.00	-90.00	0.00004	210.00	-100.00	0.00004
220.00	100.00	0.00006	220.00	90.00	0.00006
220.00	80.00	0.00006	220.00	70.00	0.00006
220.00	60.00	0.00006	220.00	50.00	0.00005
220.00	40.00	0.00005	220.00	30.00	0.00005
220.00	25.00	0.00005	220.00	20.00	0.00005
220.00	17.00	0.00005	220.00	15.00	0.00005
220.00	13.00	0.00005	220.00	11.00	0.00005
220.00	9.00	0.00005	220.00	-9.00	0.00004
220.00	-11.00	0.00004	220.00	-13.00	0.00004
220.00	-15.00	0.00004	220.00	-17.00	0.00004
220.00	-20.00	0.00004	220.00	-25.00	0.00004
220.00	-30.00	0.00004	220.00	-40.00	0.00004
220.00	-50.00	0.00004	220.00	-60.00	0.00004
220.00	-70.00	0.00004	220.00	-80.00	0.00004
220.00	-90.00	0.00004	220.00	-100.00	0.00004

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17  
 \*\*MODELOPTs:  
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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
230.00	100.00	0.00006	230.00	90.00	0.00006
230.00	80.00	0.00005	230.00	70.00	0.00005
230.00	60.00	0.00005	230.00	50.00	0.00005
230.00	40.00	0.00005	230.00	30.00	0.00005
230.00	25.00	0.00005	230.00	20.00	0.00005
230.00	17.00	0.00005	230.00	15.00	0.00005

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	13.00	0.00005	230.00	11.00	0.00004
230.00	9.00	0.00004	230.00	-9.00	0.00004
230.00	-11.00	0.00004	230.00	-13.00	0.00004
230.00	-15.00	0.00004	230.00	-17.00	0.00004
230.00	-20.00	0.00004	230.00	-25.00	0.00004
230.00	-30.00	0.00004	230.00	-40.00	0.00003
230.00	-50.00	0.00003	230.00	-60.00	0.00003
230.00	-70.00	0.00003	230.00	-80.00	0.00003
230.00	-90.00	0.00004	230.00	-100.00	0.00004
240.00	100.00	0.00005	240.00	90.00	0.00005
240.00	80.00	0.00005	240.00	70.00	0.00005
240.00	60.00	0.00005	240.00	50.00	0.00005
240.00	40.00	0.00005	240.00	30.00	0.00005
240.00	25.00	0.00004	240.00	20.00	0.00004
240.00	17.00	0.00004	240.00	15.00	0.00004
240.00	13.00	0.00004	240.00	11.00	0.00004
240.00	9.00	0.00004	240.00	-9.00	0.00004
240.00	-11.00	0.00004	240.00	-13.00	0.00004
240.00	-15.00	0.00004	240.00	-17.00	0.00004
240.00	-20.00	0.00004	240.00	-25.00	0.00003
240.00	-30.00	0.00003	240.00	-40.00	0.00003
240.00	-50.00	0.00003	240.00	-60.00	0.00003
240.00	-70.00	0.00003	240.00	-80.00	0.00003
240.00	-90.00	0.00003	240.00	-100.00	0.00003
250.00	100.00	0.00005	250.00	90.00	0.00005
250.00	80.00	0.00005	250.00	70.00	0.00005
250.00	60.00	0.00005	250.00	50.00	0.00004
250.00	40.00	0.00004	250.00	30.00	0.00004
250.00	25.00	0.00004	250.00	20.00	0.00004
250.00	17.00	0.00004	250.00	15.00	0.00004
250.00	13.00	0.00004	250.00	11.00	0.00004
250.00	9.00	0.00004	250.00	-9.00	0.00004
250.00	-11.00	0.00004	250.00	-13.00	0.00003
250.00	-15.00	0.00003	250.00	-17.00	0.00003

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

17:29:17

\*\*MODELOPTs:  
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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
-----	-----	-----	-----	-----	-----

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-20.00	0.00003	250.00	-25.00	0.00003
250.00	-30.00	0.00003	250.00	-40.00	0.00003
250.00	-50.00	0.00003	250.00	-60.00	0.00003
250.00	-70.00	0.00003	250.00	-80.00	0.00003
250.00	-90.00	0.00003	250.00	-100.00	0.00003

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-250.00	100.00	0.00080	-250.00	90.00	0.00083
-250.00	80.00	0.00085	-250.00	70.00	0.00088
-250.00	60.00	0.00089	-250.00	50.00	0.00089
-250.00	40.00	0.00089	-250.00	30.00	0.00089
-250.00	25.00	0.00091	-250.00	20.00	0.00095
-250.00	17.00	0.00098	-250.00	15.00	0.00100
-250.00	13.00	0.00104	-250.00	11.00	0.00108
-250.00	9.00	0.00113	-250.00	-9.00	0.00211
-250.00	-11.00	0.00221	-250.00	-13.00	0.00230
-250.00	-15.00	0.00237	-250.00	-17.00	0.00243
-250.00	-20.00	0.00250	-250.00	-25.00	0.00255
-250.00	-30.00	0.00254	-250.00	-40.00	0.00244
-250.00	-50.00	0.00226	-250.00	-60.00	0.00206
-250.00	-70.00	0.00186	-250.00	-80.00	0.00167
-250.00	-90.00	0.00149	-250.00	-100.00	0.00134
-240.00	100.00	0.00103	-240.00	90.00	0.00109
-240.00	80.00	0.00116	-240.00	70.00	0.00122
-240.00	60.00	0.00127	-240.00	50.00	0.00130
-240.00	40.00	0.00130	-240.00	30.00	0.00125
-240.00	25.00	0.00123	-240.00	20.00	0.00121
-240.00	17.00	0.00122	-240.00	15.00	0.00124
-240.00	13.00	0.00126	-240.00	11.00	0.00130
-240.00	9.00	0.00135	-240.00	-9.00	0.00277
-240.00	-11.00	0.00290	-240.00	-13.00	0.00299
-240.00	-15.00	0.00306	-240.00	-17.00	0.00310
-240.00	-20.00	0.00314	-240.00	-25.00	0.00315
-240.00	-30.00	0.00310	-240.00	-40.00	0.00290
-240.00	-50.00	0.00263	-240.00	-60.00	0.00234
-240.00	-70.00	0.00207	-240.00	-80.00	0.00182





09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	9.00	0.00588	-190.00	-9.00	0.00521
-190.00	-11.00	0.00509	-190.00	-13.00	0.00499
-190.00	-15.00	0.00489	-190.00	-17.00	0.00479
-190.00	-20.00	0.00464	-190.00	-25.00	0.00437
-190.00	-30.00	0.00409	-190.00	-40.00	0.00354
-190.00	-50.00	0.00303	-190.00	-60.00	0.00258
-190.00	-70.00	0.00219	-190.00	-80.00	0.00187
-190.00	-90.00	0.00160	-190.00	-100.00	0.00138
-180.00	100.00	0.00196	-180.00	90.00	0.00224
-180.00	80.00	0.00256	-180.00	70.00	0.00294
-180.00	60.00	0.00339	-180.00	50.00	0.00391
-180.00	40.00	0.00450	-180.00	30.00	0.00511
-180.00	25.00	0.00540	-180.00	20.00	0.00566
-180.00	17.00	0.00578	-180.00	15.00	0.00584
-180.00	13.00	0.00588	-180.00	11.00	0.00589
-180.00	9.00	0.00591	-180.00	-9.00	0.00503
-180.00	-11.00	0.00489	-180.00	-13.00	0.00477
-180.00	-15.00	0.00466	-180.00	-17.00	0.00455
-180.00	-20.00	0.00439	-180.00	-25.00	0.00410
-180.00	-30.00	0.00382	-180.00	-40.00	0.00329
-180.00	-50.00	0.00281	-180.00	-60.00	0.00239
-180.00	-70.00	0.00203	-180.00	-80.00	0.00173
-180.00	-90.00	0.00148	-180.00	-100.00	0.00127

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

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 \*\*MODELOPTS:  
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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
-170.00	100.00	0.00194	-170.00	90.00	0.00222
-170.00	80.00	0.00255	-170.00	70.00	0.00294
-170.00	60.00	0.00340	-170.00	50.00	0.00393
-170.00	40.00	0.00452	-170.00	30.00	0.00513
-170.00	25.00	0.00543	-170.00	20.00	0.00567
-170.00	17.00	0.00578	-170.00	15.00	0.00583
-170.00	13.00	0.00585	-170.00	11.00	0.00585
-170.00	9.00	0.00585	-170.00	-9.00	0.00473
-170.00	-11.00	0.00457	-170.00	-13.00	0.00443
-170.00	-15.00	0.00430	-170.00	-17.00	0.00418
-170.00	-20.00	0.00400	-170.00	-25.00	0.00371



09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	100.00	0.00145	-140.00	90.00	0.00164
-140.00	80.00	0.00187	-140.00	70.00	0.00214
-140.00	60.00	0.00245	-140.00	50.00	0.00283
-140.00	40.00	0.00328	-140.00	30.00	0.00383
-140.00	25.00	0.00414	-140.00	20.00	0.00447
-140.00	17.00	0.00465	-140.00	15.00	0.00477
-140.00	13.00	0.00487	-140.00	11.00	0.00494
-140.00	9.00	0.00499	-140.00	-9.00	0.00242
-140.00	-11.00	0.00224	-140.00	-13.00	0.00211
-140.00	-15.00	0.00202	-140.00	-17.00	0.00194
-140.00	-20.00	0.00185	-140.00	-25.00	0.00173
-140.00	-30.00	0.00162	-140.00	-40.00	0.00143
-140.00	-50.00	0.00126	-140.00	-60.00	0.00111
-140.00	-70.00	0.00098	-140.00	-80.00	0.00087
-140.00	-90.00	0.00078	-140.00	-100.00	0.00070
-130.00	100.00	0.00125	-130.00	90.00	0.00139
-130.00	80.00	0.00155	-130.00	70.00	0.00173
-130.00	60.00	0.00193	-130.00	50.00	0.00216
-130.00	40.00	0.00239	-130.00	30.00	0.00261
-130.00	25.00	0.00270	-130.00	20.00	0.00275
-130.00	17.00	0.00274	-130.00	15.00	0.00271
-130.00	13.00	0.00266	-130.00	11.00	0.00258
-130.00	9.00	0.00247	-130.00	-9.00	0.00111
-130.00	-11.00	0.00111	-130.00	-13.00	0.00111
-130.00	-15.00	0.00111	-130.00	-17.00	0.00111
-130.00	-20.00	0.00110	-130.00	-25.00	0.00109
-130.00	-30.00	0.00107	-130.00	-40.00	0.00100
-130.00	-50.00	0.00093	-130.00	-60.00	0.00085
-130.00	-70.00	0.00077	-130.00	-80.00	0.00070
-130.00	-90.00	0.00063	-130.00	-100.00	0.00058
-120.00	100.00	0.00107	-120.00	90.00	0.00117
-120.00	80.00	0.00128	-120.00	70.00	0.00140
-120.00	60.00	0.00152	-120.00	50.00	0.00164
-120.00	40.00	0.00173	-120.00	30.00	0.00178
-120.00	25.00	0.00178	-120.00	20.00	0.00173

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
 04/20/08      \*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*  
 17:29:17  
 \*\*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      \*\*

		09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-120.00	17.00	0.00168	-120.00	15.00	0.00163
-120.00	13.00	0.00157	-120.00	11.00	0.00151
-120.00	9.00	0.00143	-120.00	-9.00	0.00079
-120.00	-11.00	0.00078	-120.00	-13.00	0.00077
-120.00	-15.00	0.00077	-120.00	-17.00	0.00076
-120.00	-20.00	0.00076	-120.00	-25.00	0.00076
-120.00	-30.00	0.00075	-120.00	-40.00	0.00073
-120.00	-50.00	0.00070	-120.00	-60.00	0.00065
-120.00	-70.00	0.00061	-120.00	-80.00	0.00056
-120.00	-90.00	0.00052	-120.00	-100.00	0.00048
-110.00	100.00	0.00091	-110.00	90.00	0.00098
-110.00	80.00	0.00105	-110.00	70.00	0.00112
-110.00	60.00	0.00119	-110.00	50.00	0.00125
-110.00	40.00	0.00128	-110.00	30.00	0.00126
-110.00	25.00	0.00123	-110.00	20.00	0.00117
-110.00	17.00	0.00113	-110.00	15.00	0.00110
-110.00	13.00	0.00106	-110.00	11.00	0.00102
-110.00	9.00	0.00098	-110.00	-9.00	0.00061
-110.00	-11.00	0.00060	-110.00	-13.00	0.00060
-110.00	-15.00	0.00060	-110.00	-17.00	0.00059
-110.00	-20.00	0.00059	-110.00	-25.00	0.00058
-110.00	-30.00	0.00057	-110.00	-40.00	0.00055
-110.00	-50.00	0.00053	-110.00	-60.00	0.00051
-110.00	-70.00	0.00048	-110.00	-80.00	0.00046
-110.00	-90.00	0.00043	-110.00	-100.00	0.00040
-100.00	100.00	0.00077	-100.00	90.00	0.00082
-100.00	80.00	0.00086	-100.00	70.00	0.00091
-100.00	60.00	0.00094	-100.00	50.00	0.00097
-100.00	40.00	0.00096	-100.00	30.00	0.00093
-100.00	25.00	0.00090	-100.00	20.00	0.00085
-100.00	17.00	0.00082	-100.00	15.00	0.00080
-100.00	13.00	0.00078	-100.00	11.00	0.00075
-100.00	9.00	0.00073	-100.00	-9.00	0.00049
-100.00	-11.00	0.00048	-100.00	-13.00	0.00048
-100.00	-15.00	0.00047	-100.00	-17.00	0.00047
-100.00	-20.00	0.00047	-100.00	-25.00	0.00047
-100.00	-30.00	0.00046	-100.00	-40.00	0.00044
-100.00	-50.00	0.00042	-100.00	-60.00	0.00041
-100.00	-70.00	0.00039	-100.00	-80.00	0.00037
-100.00	-90.00	0.00035	-100.00	-100.00	0.00034

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

17:29:17  
\*\*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
-90.00	100.00	0.00065	-90.00	90.00	0.00069
-90.00	80.00	0.00072	-90.00	70.00	0.00074
-90.00	60.00	0.00076	-90.00	50.00	0.00076
-90.00	40.00	0.00074	-90.00	30.00	0.00071
-90.00	25.00	0.00068	-90.00	20.00	0.00065
-90.00	17.00	0.00063	-90.00	15.00	0.00061
-90.00	13.00	0.00060	-90.00	11.00	0.00058
-90.00	9.00	0.00057	-90.00	-9.00	0.00040
-90.00	-11.00	0.00039	-90.00	-13.00	0.00039
-90.00	-15.00	0.00038	-90.00	-17.00	0.00038
-90.00	-20.00	0.00038	-90.00	-25.00	0.00038
-90.00	-30.00	0.00038	-90.00	-40.00	0.00037
-90.00	-50.00	0.00035	-90.00	-60.00	0.00033
-90.00	-70.00	0.00032	-90.00	-80.00	0.00031
-90.00	-90.00	0.00029	-90.00	-100.00	0.00028
-80.00	100.00	0.00056	-80.00	90.00	0.00058
-80.00	80.00	0.00060	-80.00	70.00	0.00061
-80.00	60.00	0.00061	-80.00	50.00	0.00061
-80.00	40.00	0.00059	-80.00	30.00	0.00056
-80.00	25.00	0.00054	-80.00	20.00	0.00051
-80.00	17.00	0.00050	-80.00	15.00	0.00049
-80.00	13.00	0.00048	-80.00	11.00	0.00047
-80.00	9.00	0.00045	-80.00	-9.00	0.00033
-80.00	-11.00	0.00032	-80.00	-13.00	0.00032
-80.00	-15.00	0.00032	-80.00	-17.00	0.00032
-80.00	-20.00	0.00032	-80.00	-25.00	0.00032
-80.00	-30.00	0.00032	-80.00	-40.00	0.00031
-80.00	-50.00	0.00030	-80.00	-60.00	0.00028
-80.00	-70.00	0.00027	-80.00	-80.00	0.00026
-80.00	-90.00	0.00025	-80.00	-100.00	0.00024
-70.00	100.00	0.00048	-70.00	90.00	0.00049
-70.00	80.00	0.00050	-70.00	70.00	0.00050
-70.00	60.00	0.00050	-70.00	50.00	0.00049
-70.00	40.00	0.00048	-70.00	30.00	0.00045
-70.00	25.00	0.00043	-70.00	20.00	0.00042
-70.00	17.00	0.00041	-70.00	15.00	0.00040
-70.00	13.00	0.00039	-70.00	11.00	0.00038

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-70.00	9.00	0.00037	-70.00	-9.00	0.00028
-70.00	-11.00	0.00027	-70.00	-13.00	0.00027
-70.00	-15.00	0.00027	-70.00	-17.00	0.00026

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*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
-70.00	-20.00	0.00026	-70.00	-25.00	0.00026
-70.00	-30.00	0.00027	-70.00	-40.00	0.00026
-70.00	-50.00	0.00026	-70.00	-60.00	0.00025
-70.00	-70.00	0.00023	-70.00	-80.00	0.00022
-70.00	-90.00	0.00021	-70.00	-100.00	0.00021
-60.00	100.00	0.00041	-60.00	90.00	0.00042
-60.00	80.00	0.00042	-60.00	70.00	0.00042
-60.00	60.00	0.00042	-60.00	50.00	0.00041
-60.00	40.00	0.00040	-60.00	30.00	0.00037
-60.00	25.00	0.00036	-60.00	20.00	0.00034
-60.00	17.00	0.00034	-60.00	15.00	0.00033
-60.00	13.00	0.00033	-60.00	11.00	0.00032
-60.00	9.00	0.00031	-60.00	-9.00	0.00024
-60.00	-11.00	0.00023	-60.00	-13.00	0.00023
-60.00	-15.00	0.00023	-60.00	-17.00	0.00023
-60.00	-20.00	0.00022	-60.00	-25.00	0.00022
-60.00	-30.00	0.00023	-60.00	-40.00	0.00023
-60.00	-50.00	0.00022	-60.00	-60.00	0.00022
-60.00	-70.00	0.00021	-60.00	-80.00	0.00020
-60.00	-90.00	0.00019	-60.00	-100.00	0.00018
-50.00	100.00	0.00036	-50.00	90.00	0.00036
-50.00	80.00	0.00036	-50.00	70.00	0.00036
-50.00	60.00	0.00035	-50.00	50.00	0.00035
-50.00	40.00	0.00033	-50.00	30.00	0.00031
-50.00	25.00	0.00030	-50.00	20.00	0.00029
-50.00	17.00	0.00028	-50.00	15.00	0.00028
-50.00	13.00	0.00028	-50.00	11.00	0.00027
-50.00	9.00	0.00027	-50.00	-9.00	0.00021
-50.00	-11.00	0.00020	-50.00	-13.00	0.00020
-50.00	-15.00	0.00020	-50.00	-17.00	0.00019
-50.00	-20.00	0.00019	-50.00	-25.00	0.00019

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-30.00	0.00019	-50.00	-40.00	0.00019
-50.00	-50.00	0.00019	-50.00	-60.00	0.00019
-50.00	-70.00	0.00018	-50.00	-80.00	0.00018
-50.00	-90.00	0.00017	-50.00	-100.00	0.00016
-40.00	100.00	0.00031	-40.00	90.00	0.00031
-40.00	80.00	0.00031	-40.00	70.00	0.00031
-40.00	60.00	0.00030	-40.00	50.00	0.00029
-40.00	40.00	0.00028	-40.00	30.00	0.00026
-40.00	25.00	0.00026	-40.00	20.00	0.00025

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*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
-40.00	17.00	0.00024	-40.00	15.00	0.00024
-40.00	13.00	0.00024	-40.00	11.00	0.00023
-40.00	9.00	0.00023	-40.00	-9.00	0.00018
-40.00	-11.00	0.00018	-40.00	-13.00	0.00017
-40.00	-15.00	0.00017	-40.00	-17.00	0.00017
-40.00	-20.00	0.00017	-40.00	-25.00	0.00017
-40.00	-30.00	0.00017	-40.00	-40.00	0.00017
-40.00	-50.00	0.00017	-40.00	-60.00	0.00017
-40.00	-70.00	0.00016	-40.00	-80.00	0.00016
-40.00	-90.00	0.00015	-40.00	-100.00	0.00014
-30.00	100.00	0.00027	-30.00	90.00	0.00027
-30.00	80.00	0.00027	-30.00	70.00	0.00027
-30.00	60.00	0.00026	-30.00	50.00	0.00025
-30.00	40.00	0.00024	-30.00	30.00	0.00023
-30.00	25.00	0.00022	-30.00	20.00	0.00022
-30.00	17.00	0.00021	-30.00	15.00	0.00021
-30.00	13.00	0.00021	-30.00	11.00	0.00020
-30.00	9.00	0.00020	-30.00	-9.00	0.00016
-30.00	-11.00	0.00016	-30.00	-13.00	0.00015
-30.00	-15.00	0.00015	-30.00	-17.00	0.00015
-30.00	-20.00	0.00015	-30.00	-25.00	0.00015
-30.00	-30.00	0.00015	-30.00	-40.00	0.00015
-30.00	-50.00	0.00015	-30.00	-60.00	0.00015
-30.00	-70.00	0.00014	-30.00	-80.00	0.00014
-30.00	-90.00	0.00014	-30.00	-100.00	0.00013

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	100.00	0.00024	-20.00	90.00	0.00024
-20.00	80.00	0.00024	-20.00	70.00	0.00023
-20.00	60.00	0.00023	-20.00	50.00	0.00022
-20.00	40.00	0.00021	-20.00	30.00	0.00020
-20.00	25.00	0.00019	-20.00	20.00	0.00019
-20.00	17.00	0.00019	-20.00	15.00	0.00018
-20.00	13.00	0.00018	-20.00	11.00	0.00018
-20.00	9.00	0.00018	-20.00	-9.00	0.00014
-20.00	-11.00	0.00014	-20.00	-13.00	0.00014
-20.00	-15.00	0.00013	-20.00	-17.00	0.00013
-20.00	-20.00	0.00013	-20.00	-25.00	0.00013
-20.00	-30.00	0.00013	-20.00	-40.00	0.00013
-20.00	-50.00	0.00013	-20.00	-60.00	0.00013
-20.00	-70.00	0.00013	-20.00	-80.00	0.00013
-20.00	-90.00	0.00012	-20.00	-100.00	0.00012

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17  
 \*\*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
-10.00	100.00	0.00021	-10.00	90.00	0.00021
-10.00	80.00	0.00021	-10.00	70.00	0.00020
-10.00	60.00	0.00020	-10.00	50.00	0.00019
-10.00	40.00	0.00018	-10.00	30.00	0.00017
-10.00	25.00	0.00017	-10.00	20.00	0.00017
-10.00	17.00	0.00016	-10.00	15.00	0.00016
-10.00	13.00	0.00016	-10.00	11.00	0.00016
-10.00	9.00	0.00016	-10.00	-9.00	0.00013
-10.00	-11.00	0.00013	-10.00	-13.00	0.00012
-10.00	-15.00	0.00012	-10.00	-17.00	0.00012
-10.00	-20.00	0.00012	-10.00	-25.00	0.00012
-10.00	-30.00	0.00011	-10.00	-40.00	0.00012
-10.00	-50.00	0.00012	-10.00	-60.00	0.00012
-10.00	-70.00	0.00012	-10.00	-80.00	0.00011
-10.00	-90.00	0.00011	-10.00	-100.00	0.00011
0.00	100.00	0.00019	0.00	90.00	0.00019
0.00	80.00	0.00018	0.00	70.00	0.00018
0.00	60.00	0.00018	0.00	50.00	0.00017
0.00	40.00	0.00016	0.00	30.00	0.00015

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	25.00	0.00015	0.00	20.00	0.00015
0.00	17.00	0.00015	0.00	15.00	0.00014
0.00	13.00	0.00014	0.00	11.00	0.00014
0.00	9.00	0.00014	0.00	-9.00	0.00011
0.00	-11.00	0.00011	0.00	-13.00	0.00011
0.00	-15.00	0.00011	0.00	-17.00	0.00011
0.00	-20.00	0.00011	0.00	-25.00	0.00010
0.00	-30.00	0.00010	0.00	-40.00	0.00010
0.00	-50.00	0.00010	0.00	-60.00	0.00010
0.00	-70.00	0.00010	0.00	-80.00	0.00010
0.00	-90.00	0.00010	0.00	-100.00	0.00010
10.00	100.00	0.00017	10.00	90.00	0.00017
10.00	80.00	0.00017	10.00	70.00	0.00016
10.00	60.00	0.00016	10.00	50.00	0.00015
10.00	40.00	0.00014	10.00	30.00	0.00014
10.00	25.00	0.00014	10.00	20.00	0.00013
10.00	17.00	0.00013	10.00	15.00	0.00013
10.00	13.00	0.00013	10.00	11.00	0.00013
10.00	9.00	0.00012	10.00	-9.00	0.00010
10.00	-11.00	0.00010	10.00	-13.00	0.00010
10.00	-15.00	0.00010	10.00	-17.00	0.00010

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17

\*\*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
10.00	-20.00	0.00010	10.00	-25.00	0.00009
10.00	-30.00	0.00009	10.00	-40.00	0.00009
10.00	-50.00	0.00009	10.00	-60.00	0.00009
10.00	-70.00	0.00009	10.00	-80.00	0.00009
10.00	-90.00	0.00009	10.00	-100.00	0.00009
20.00	100.00	0.00015	20.00	90.00	0.00015
20.00	80.00	0.00015	20.00	70.00	0.00014
20.00	60.00	0.00014	20.00	50.00	0.00013
20.00	40.00	0.00013	20.00	30.00	0.00012
20.00	25.00	0.00012	20.00	20.00	0.00012
20.00	17.00	0.00012	20.00	15.00	0.00012
20.00	13.00	0.00012	20.00	11.00	0.00011
20.00	9.00	0.00011	20.00	-9.00	0.00009

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

17:29:17  
 \*\*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
40.00	17.00	0.00010	40.00	15.00	0.00010
40.00	13.00	0.00010	40.00	11.00	0.00009
40.00	9.00	0.00009	40.00	-9.00	0.00008
40.00	-11.00	0.00008	40.00	-13.00	0.00008
40.00	-15.00	0.00008	40.00	-17.00	0.00007
40.00	-20.00	0.00007	40.00	-25.00	0.00007
40.00	-30.00	0.00007	40.00	-40.00	0.00007

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

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

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

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 \*\*MODELOPTs:  
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 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
70.00	100.00	0.00010	70.00	90.00	0.00009

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	80.00	0.00009	70.00	70.00	0.00009
70.00	60.00	0.00009	70.00	50.00	0.00008
70.00	40.00	0.00008	70.00	30.00	0.00008
70.00	25.00	0.00008	70.00	20.00	0.00008
70.00	17.00	0.00008	70.00	15.00	0.00007
70.00	13.00	0.00007	70.00	11.00	0.00007
70.00	9.00	0.00007	70.00	-9.00	0.00006
70.00	-11.00	0.00006	70.00	-13.00	0.00006
70.00	-15.00	0.00006	70.00	-17.00	0.00006
70.00	-20.00	0.00006	70.00	-25.00	0.00006
70.00	-30.00	0.00006	70.00	-40.00	0.00005
70.00	-50.00	0.00005	70.00	-60.00	0.00006
70.00	-70.00	0.00006	70.00	-80.00	0.00006
70.00	-90.00	0.00006	70.00	-100.00	0.00006
80.00	100.00	0.00009	80.00	90.00	0.00009
80.00	80.00	0.00008	80.00	70.00	0.00008
80.00	60.00	0.00008	80.00	50.00	0.00008
80.00	40.00	0.00008	80.00	30.00	0.00007
80.00	25.00	0.00007	80.00	20.00	0.00007
80.00	17.00	0.00007	80.00	15.00	0.00007
80.00	13.00	0.00007	80.00	11.00	0.00007
80.00	9.00	0.00007	80.00	-9.00	0.00006
80.00	-11.00	0.00006	80.00	-13.00	0.00006
80.00	-15.00	0.00006	80.00	-17.00	0.00006
80.00	-20.00	0.00005	80.00	-25.00	0.00005
80.00	-30.00	0.00005	80.00	-40.00	0.00005
80.00	-50.00	0.00005	80.00	-60.00	0.00005
80.00	-70.00	0.00005	80.00	-80.00	0.00005
80.00	-90.00	0.00005	80.00	-100.00	0.00005
90.00	100.00	0.00008	90.00	90.00	0.00008
90.00	80.00	0.00008	90.00	70.00	0.00008
90.00	60.00	0.00007	90.00	50.00	0.00007
90.00	40.00	0.00007	90.00	30.00	0.00007
90.00	25.00	0.00007	90.00	20.00	0.00007
90.00	17.00	0.00006	90.00	15.00	0.00006
90.00	13.00	0.00006	90.00	11.00	0.00006
90.00	9.00	0.00006	90.00	-9.00	0.00005
90.00	-11.00	0.00005	90.00	-13.00	0.00005
90.00	-15.00	0.00005	90.00	-17.00	0.00005

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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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	
90.00	-20.00	0.00005	90.00	-25.00	0.00005	
90.00	-30.00	0.00005	90.00	-40.00	0.00005	
90.00	-50.00	0.00005	90.00	-60.00	0.00005	
90.00	-70.00	0.00005	90.00	-80.00	0.00005	
90.00	-90.00	0.00005	90.00	-100.00	0.00005	
100.00	100.00	0.00008	100.00	90.00	0.00007	
100.00	80.00	0.00007	100.00	70.00	0.00007	
100.00	60.00	0.00007	100.00	50.00	0.00007	
100.00	40.00	0.00006	100.00	30.00	0.00006	
100.00	25.00	0.00006	100.00	20.00	0.00006	
100.00	17.00	0.00006	100.00	15.00	0.00006	
100.00	13.00	0.00006	100.00	11.00	0.00006	
100.00	9.00	0.00006	100.00	-9.00	0.00005	
100.00	-11.00	0.00005	100.00	-13.00	0.00005	
100.00	-15.00	0.00005	100.00	-17.00	0.00005	
100.00	-20.00	0.00005	100.00	-25.00	0.00005	
100.00	-30.00	0.00005	100.00	-40.00	0.00004	
100.00	-50.00	0.00004	100.00	-60.00	0.00004	
100.00	-70.00	0.00004	100.00	-80.00	0.00005	
100.00	-90.00	0.00005	100.00	-100.00	0.00005	
110.00	100.00	0.00007	110.00	90.00	0.00007	
110.00	80.00	0.00007	110.00	70.00	0.00007	
110.00	60.00	0.00006	110.00	50.00	0.00006	
110.00	40.00	0.00006	110.00	30.00	0.00006	
110.00	25.00	0.00006	110.00	20.00	0.00006	
110.00	17.00	0.00006	110.00	15.00	0.00006	
110.00	13.00	0.00006	110.00	11.00	0.00005	
110.00	9.00	0.00005	110.00	-9.00	0.00005	
110.00	-11.00	0.00005	110.00	-13.00	0.00005	
110.00	-15.00	0.00005	110.00	-17.00	0.00005	
110.00	-20.00	0.00004	110.00	-25.00	0.00004	
110.00	-30.00	0.00004	110.00	-40.00	0.00004	
110.00	-50.00	0.00004	110.00	-60.00	0.00004	
110.00	-70.00	0.00004	110.00	-80.00	0.00004	
110.00	-90.00	0.00004	110.00	-100.00	0.00004	
120.00	100.00	0.00007	120.00	90.00	0.00006	
120.00	80.00	0.00006	120.00	70.00	0.00006	
120.00	60.00	0.00006	120.00	50.00	0.00006	
120.00	40.00	0.00006	120.00	30.00	0.00006	

120.00 25.00 0.00005 120.00 20.00 0.00005

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

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 \*\*MODELOPTs:  
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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
120.00	17.00	0.00005	120.00	15.00	0.00005
120.00	13.00	0.00005	120.00	11.00	0.00005
120.00	9.00	0.00005	120.00	-9.00	0.00004
120.00	-11.00	0.00004	120.00	-13.00	0.00004
120.00	-15.00	0.00004	120.00	-17.00	0.00004
120.00	-20.00	0.00004	120.00	-25.00	0.00004
120.00	-30.00	0.00004	120.00	-40.00	0.00004
120.00	-50.00	0.00004	120.00	-60.00	0.00004
120.00	-70.00	0.00004	120.00	-80.00	0.00004
120.00	-90.00	0.00004	120.00	-100.00	0.00004
130.00	100.00	0.00006	130.00	90.00	0.00006
130.00	80.00	0.00006	130.00	70.00	0.00006
130.00	60.00	0.00006	130.00	50.00	0.00005
130.00	40.00	0.00005	130.00	30.00	0.00005
130.00	25.00	0.00005	130.00	20.00	0.00005
130.00	17.00	0.00005	130.00	15.00	0.00005
130.00	13.00	0.00005	130.00	11.00	0.00005
130.00	9.00	0.00005	130.00	-9.00	0.00004
130.00	-11.00	0.00004	130.00	-13.00	0.00004
130.00	-15.00	0.00004	130.00	-17.00	0.00004
130.00	-20.00	0.00004	130.00	-25.00	0.00004
130.00	-30.00	0.00004	130.00	-40.00	0.00004
130.00	-50.00	0.00004	130.00	-60.00	0.00004
130.00	-70.00	0.00004	130.00	-80.00	0.00004
130.00	-90.00	0.00004	130.00	-100.00	0.00004
140.00	100.00	0.00006	140.00	90.00	0.00006
140.00	80.00	0.00005	140.00	70.00	0.00005
140.00	60.00	0.00005	140.00	50.00	0.00005
140.00	40.00	0.00005	140.00	30.00	0.00005
140.00	25.00	0.00005	140.00	20.00	0.00005
140.00	17.00	0.00005	140.00	15.00	0.00005
140.00	13.00	0.00005	140.00	11.00	0.00004
140.00	9.00	0.00004	140.00	-9.00	0.00004

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-11.00	0.00004	140.00	-13.00	0.00004
140.00	-15.00	0.00004	140.00	-17.00	0.00004
140.00	-20.00	0.00004	140.00	-25.00	0.00004
140.00	-30.00	0.00004	140.00	-40.00	0.00003
140.00	-50.00	0.00003	140.00	-60.00	0.00003
140.00	-70.00	0.00003	140.00	-80.00	0.00003
140.00	-90.00	0.00004	140.00	-100.00	0.00004

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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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
150.00	100.00	0.00005	150.00	90.00	0.00005
150.00	80.00	0.00005	150.00	70.00	0.00005
150.00	60.00	0.00005	150.00	50.00	0.00005
150.00	40.00	0.00005	150.00	30.00	0.00005
150.00	25.00	0.00004	150.00	20.00	0.00004
150.00	17.00	0.00004	150.00	15.00	0.00004
150.00	13.00	0.00004	150.00	11.00	0.00004
150.00	9.00	0.00004	150.00	-9.00	0.00004
150.00	-11.00	0.00004	150.00	-13.00	0.00004
150.00	-15.00	0.00004	150.00	-17.00	0.00004
150.00	-20.00	0.00004	150.00	-25.00	0.00003
150.00	-30.00	0.00003	150.00	-40.00	0.00003
150.00	-50.00	0.00003	150.00	-60.00	0.00003
150.00	-70.00	0.00003	150.00	-80.00	0.00003
150.00	-90.00	0.00003	150.00	-100.00	0.00003
160.00	100.00	0.00005	160.00	90.00	0.00005
160.00	80.00	0.00005	160.00	70.00	0.00005
160.00	60.00	0.00005	160.00	50.00	0.00004
160.00	40.00	0.00004	160.00	30.00	0.00004
160.00	25.00	0.00004	160.00	20.00	0.00004
160.00	17.00	0.00004	160.00	15.00	0.00004
160.00	13.00	0.00004	160.00	11.00	0.00004
160.00	9.00	0.00004	160.00	-9.00	0.00004
160.00	-11.00	0.00004	160.00	-13.00	0.00003
160.00	-15.00	0.00003	160.00	-17.00	0.00003
160.00	-20.00	0.00003	160.00	-25.00	0.00003
160.00	-30.00	0.00003	160.00	-40.00	0.00003

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

160.00	-50.00	0.00003	160.00	-60.00	0.00003
160.00	-70.00	0.00003	160.00	-80.00	0.00003
160.00	-90.00	0.00003	160.00	-100.00	0.00003
170.00	100.00	0.00005	170.00	90.00	0.00005
170.00	80.00	0.00004	170.00	70.00	0.00004
170.00	60.00	0.00004	170.00	50.00	0.00004
170.00	40.00	0.00004	170.00	30.00	0.00004
170.00	25.00	0.00004	170.00	20.00	0.00004
170.00	17.00	0.00004	170.00	15.00	0.00004
170.00	13.00	0.00004	170.00	11.00	0.00004
170.00	9.00	0.00004	170.00	-9.00	0.00003
170.00	-11.00	0.00003	170.00	-13.00	0.00003
170.00	-15.00	0.00003	170.00	-17.00	0.00003

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:  
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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
170.00	-20.00	0.00003	170.00	-25.00	0.00003
170.00	-30.00	0.00003	170.00	-40.00	0.00003
170.00	-50.00	0.00003	170.00	-60.00	0.00003
170.00	-70.00	0.00003	170.00	-80.00	0.00003
170.00	-90.00	0.00003	170.00	-100.00	0.00003
180.00	100.00	0.00004	180.00	90.00	0.00004
180.00	80.00	0.00004	180.00	70.00	0.00004
180.00	60.00	0.00004	180.00	50.00	0.00004
180.00	40.00	0.00004	180.00	30.00	0.00004
180.00	25.00	0.00004	180.00	20.00	0.00004
180.00	17.00	0.00004	180.00	15.00	0.00004
180.00	13.00	0.00004	180.00	11.00	0.00004
180.00	9.00	0.00004	180.00	-9.00	0.00003
180.00	-11.00	0.00003	180.00	-13.00	0.00003
180.00	-15.00	0.00003	180.00	-17.00	0.00003
180.00	-20.00	0.00003	180.00	-25.00	0.00003
180.00	-30.00	0.00003	180.00	-40.00	0.00003
180.00	-50.00	0.00003	180.00	-60.00	0.00003
180.00	-70.00	0.00003	180.00	-80.00	0.00003
180.00	-90.00	0.00003	180.00	-100.00	0.00003
190.00	100.00	0.00004	190.00	90.00	0.00004

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	80.00	0.00004	190.00	70.00	0.00004
190.00	60.00	0.00004	190.00	50.00	0.00004
190.00	40.00	0.00004	190.00	30.00	0.00004
190.00	25.00	0.00004	190.00	20.00	0.00004
190.00	17.00	0.00003	190.00	15.00	0.00003
190.00	13.00	0.00003	190.00	11.00	0.00003
190.00	9.00	0.00003	190.00	-9.00	0.00003
190.00	-11.00	0.00003	190.00	-13.00	0.00003
190.00	-15.00	0.00003	190.00	-17.00	0.00003
190.00	-20.00	0.00003	190.00	-25.00	0.00003
190.00	-30.00	0.00003	190.00	-40.00	0.00003
190.00	-50.00	0.00003	190.00	-60.00	0.00003
190.00	-70.00	0.00003	190.00	-80.00	0.00003
190.00	-90.00	0.00003	190.00	-100.00	0.00003
200.00	100.00	0.00004	200.00	90.00	0.00004
200.00	80.00	0.00004	200.00	70.00	0.00004
200.00	60.00	0.00004	200.00	50.00	0.00004
200.00	40.00	0.00004	200.00	30.00	0.00003
200.00	25.00	0.00003	200.00	20.00	0.00003

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*MODELOPTs:  
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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
200.00	17.00	0.00003	200.00	15.00	0.00003
200.00	13.00	0.00003	200.00	11.00	0.00003
200.00	9.00	0.00003	200.00	-9.00	0.00003
200.00	-11.00	0.00003	200.00	-13.00	0.00003
200.00	-15.00	0.00003	200.00	-17.00	0.00003
200.00	-20.00	0.00003	200.00	-25.00	0.00003
200.00	-30.00	0.00003	200.00	-40.00	0.00003
200.00	-50.00	0.00002	200.00	-60.00	0.00002
200.00	-70.00	0.00002	200.00	-80.00	0.00002
200.00	-90.00	0.00003	200.00	-100.00	0.00003
210.00	100.00	0.00004	210.00	90.00	0.00004
210.00	80.00	0.00004	210.00	70.00	0.00004
210.00	60.00	0.00003	210.00	50.00	0.00003
210.00	40.00	0.00003	210.00	30.00	0.00003
210.00	25.00	0.00003	210.00	20.00	0.00003

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	17.00	0.00003	210.00	15.00	0.00003
210.00	13.00	0.00003	210.00	11.00	0.00003
210.00	9.00	0.00003	210.00	-9.00	0.00003
210.00	-11.00	0.00003	210.00	-13.00	0.00003
210.00	-15.00	0.00003	210.00	-17.00	0.00003
210.00	-20.00	0.00003	210.00	-25.00	0.00003
210.00	-30.00	0.00003	210.00	-40.00	0.00002
210.00	-50.00	0.00002	210.00	-60.00	0.00002
210.00	-70.00	0.00002	210.00	-80.00	0.00002
210.00	-90.00	0.00002	210.00	-100.00	0.00002
220.00	100.00	0.00004	220.00	90.00	0.00003
220.00	80.00	0.00003	220.00	70.00	0.00003
220.00	60.00	0.00003	220.00	50.00	0.00003
220.00	40.00	0.00003	220.00	30.00	0.00003
220.00	25.00	0.00003	220.00	20.00	0.00003
220.00	17.00	0.00003	220.00	15.00	0.00003
220.00	13.00	0.00003	220.00	11.00	0.00003
220.00	9.00	0.00003	220.00	-9.00	0.00003
220.00	-11.00	0.00003	220.00	-13.00	0.00003
220.00	-15.00	0.00003	220.00	-17.00	0.00003
220.00	-20.00	0.00003	220.00	-25.00	0.00002
220.00	-30.00	0.00002	220.00	-40.00	0.00002
220.00	-50.00	0.00002	220.00	-60.00	0.00002
220.00	-70.00	0.00002	220.00	-80.00	0.00002
220.00	-90.00	0.00002	220.00	-100.00	0.00002

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

17:29:17  
 \*\*MODELOPTs:  
 PAGE 121

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
230.00	100.00	0.00003	230.00	90.00	0.00003
230.00	80.00	0.00003	230.00	70.00	0.00003
230.00	60.00	0.00003	230.00	50.00	0.00003
230.00	40.00	0.00003	230.00	30.00	0.00003
230.00	25.00	0.00003	230.00	20.00	0.00003
230.00	17.00	0.00003	230.00	15.00	0.00003
230.00	13.00	0.00003	230.00	11.00	0.00003
230.00	9.00	0.00003	230.00	-9.00	0.00003
230.00	-11.00	0.00003	230.00	-13.00	0.00002

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-15.00	0.00002	230.00	-17.00	0.00002
230.00	-20.00	0.00002	230.00	-25.00	0.00002
230.00	-30.00	0.00002	230.00	-40.00	0.00002
230.00	-50.00	0.00002	230.00	-60.00	0.00002
230.00	-70.00	0.00002	230.00	-80.00	0.00002
230.00	-90.00	0.00002	230.00	-100.00	0.00002
240.00	100.00	0.00003	240.00	90.00	0.00003
240.00	80.00	0.00003	240.00	70.00	0.00003
240.00	60.00	0.00003	240.00	50.00	0.00003
240.00	40.00	0.00003	240.00	30.00	0.00003
240.00	25.00	0.00003	240.00	20.00	0.00003
240.00	17.00	0.00003	240.00	15.00	0.00003
240.00	13.00	0.00003	240.00	11.00	0.00003
240.00	9.00	0.00003	240.00	-9.00	0.00002
240.00	-11.00	0.00002	240.00	-13.00	0.00002
240.00	-15.00	0.00002	240.00	-17.00	0.00002
240.00	-20.00	0.00002	240.00	-25.00	0.00002
240.00	-30.00	0.00002	240.00	-40.00	0.00002
240.00	-50.00	0.00002	240.00	-60.00	0.00002
240.00	-70.00	0.00002	240.00	-80.00	0.00002
240.00	-90.00	0.00002	240.00	-100.00	0.00002
250.00	100.00	0.00003	250.00	90.00	0.00003
250.00	80.00	0.00003	250.00	70.00	0.00003
250.00	60.00	0.00003	250.00	50.00	0.00003
250.00	40.00	0.00003	250.00	30.00	0.00003
250.00	25.00	0.00003	250.00	20.00	0.00003
250.00	17.00	0.00003	250.00	15.00	0.00003
250.00	13.00	0.00003	250.00	11.00	0.00003
250.00	9.00	0.00003	250.00	-9.00	0.00002
250.00	-11.00	0.00002	250.00	-13.00	0.00002
250.00	-15.00	0.00002	250.00	-17.00	0.00002

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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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
250.00	-20.00	0.00002	250.00	-25.00	0.00002
250.00	-30.00	0.00002	250.00	-40.00	0.00002
250.00	-50.00	0.00002	250.00	-60.00	0.00002

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

250.00	-70.00	0.00002	250.00	-80.00	0.00002
250.00	-90.00	0.00002	250.00	-100.00	0.00002

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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 \*\*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
-250.00	100.00	0.00116	-250.00	90.00	0.00121
-250.00	80.00	0.00125	-250.00	70.00	0.00128
-250.00	60.00	0.00132	-250.00	50.00	0.00134
-250.00	40.00	0.00137	-250.00	30.00	0.00141
-250.00	25.00	0.00144	-250.00	20.00	0.00150
-250.00	17.00	0.00155	-250.00	15.00	0.00159
-250.00	13.00	0.00163	-250.00	11.00	0.00169
-250.00	9.00	0.00175	-250.00	-9.00	0.00289
-250.00	-11.00	0.00301	-250.00	-13.00	0.00312
-250.00	-15.00	0.00321	-250.00	-17.00	0.00329
-250.00	-20.00	0.00338	-250.00	-25.00	0.00346
-250.00	-30.00	0.00349	-250.00	-40.00	0.00344
-250.00	-50.00	0.00331	-250.00	-60.00	0.00314
-250.00	-70.00	0.00296	-250.00	-80.00	0.00278
-250.00	-90.00	0.00260	-250.00	-100.00	0.00244
-240.00	100.00	0.00142	-240.00	90.00	0.00150
-240.00	80.00	0.00158	-240.00	70.00	0.00166
-240.00	60.00	0.00174	-240.00	50.00	0.00179
-240.00	40.00	0.00182	-240.00	30.00	0.00181
-240.00	25.00	0.00181	-240.00	20.00	0.00182
-240.00	17.00	0.00184	-240.00	15.00	0.00187
-240.00	13.00	0.00191	-240.00	11.00	0.00197
-240.00	9.00	0.00203	-240.00	-9.00	0.00365
-240.00	-11.00	0.00379	-240.00	-13.00	0.00390
-240.00	-15.00	0.00399	-240.00	-17.00	0.00405
-240.00	-20.00	0.00412	-240.00	-25.00	0.00416
-240.00	-30.00	0.00415	-240.00	-40.00	0.00401
-240.00	-50.00	0.00379	-240.00	-60.00	0.00354
-240.00	-70.00	0.00328	-240.00	-80.00	0.00304
-240.00	-90.00	0.00282	-240.00	-100.00	0.00261
-230.00	100.00	0.00171	-230.00	90.00	0.00184
-230.00	80.00	0.00199	-230.00	70.00	0.00215

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-230.00	60.00	0.00233	-230.00	50.00	0.00251
-230.00	40.00	0.00268	-230.00	30.00	0.00280
-230.00	25.00	0.00281	-230.00	20.00	0.00278
-230.00	17.00	0.00273	-230.00	15.00	0.00270
-230.00	13.00	0.00266	-230.00	11.00	0.00263
-230.00	9.00	0.00263	-230.00	-9.00	0.00485
-230.00	-11.00	0.00494	-230.00	-13.00	0.00501
-230.00	-15.00	0.00505	-230.00	-17.00	0.00507

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-230.00	-20.00	0.00507	-230.00	-25.00	0.00502
-230.00	-30.00	0.00491	-230.00	-40.00	0.00461
-230.00	-50.00	0.00425	-230.00	-60.00	0.00390
-230.00	-70.00	0.00357	-230.00	-80.00	0.00328
-230.00	-90.00	0.00301	-230.00	-100.00	0.00278
-220.00	100.00	0.00198	-220.00	90.00	0.00216
-220.00	80.00	0.00237	-220.00	70.00	0.00262
-220.00	60.00	0.00291	-220.00	50.00	0.00325
-220.00	40.00	0.00363	-220.00	30.00	0.00407
-220.00	25.00	0.00431	-220.00	20.00	0.00455
-220.00	17.00	0.00470	-220.00	15.00	0.00480
-220.00	13.00	0.00491	-220.00	11.00	0.00504
-220.00	9.00	0.00520	-220.00	-9.00	0.00618
-220.00	-11.00	0.00610	-220.00	-13.00	0.00604
-220.00	-15.00	0.00599	-220.00	-17.00	0.00594
-220.00	-20.00	0.00585	-220.00	-25.00	0.00568
-220.00	-30.00	0.00549	-220.00	-40.00	0.00506
-220.00	-50.00	0.00462	-220.00	-60.00	0.00419
-220.00	-70.00	0.00381	-220.00	-80.00	0.00347
-220.00	-90.00	0.00317	-220.00	-100.00	0.00291
-210.00	100.00	0.00221	-210.00	90.00	0.00243
-210.00	80.00	0.00270	-210.00	70.00	0.00301
-210.00	60.00	0.00338	-210.00	50.00	0.00382
-210.00	40.00	0.00434	-210.00	30.00	0.00495
-210.00	25.00	0.00527	-210.00	20.00	0.00561
-210.00	17.00	0.00581	-210.00	15.00	0.00593

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-210.00	13.00	0.00604	-210.00	11.00	0.00615
-210.00	9.00	0.00627	-210.00	-9.00	0.00652
-210.00	-11.00	0.00645	-210.00	-13.00	0.00640
-210.00	-15.00	0.00635	-210.00	-17.00	0.00631
-210.00	-20.00	0.00622	-210.00	-25.00	0.00604
-210.00	-30.00	0.00583	-210.00	-40.00	0.00536
-210.00	-50.00	0.00487	-210.00	-60.00	0.00441
-210.00	-70.00	0.00399	-210.00	-80.00	0.00362
-210.00	-90.00	0.00330	-210.00	-100.00	0.00302
-200.00	100.00	0.00241	-200.00	90.00	0.00267
-200.00	80.00	0.00297	-200.00	70.00	0.00333
-200.00	60.00	0.00375	-200.00	50.00	0.00425
-200.00	40.00	0.00484	-200.00	30.00	0.00550
-200.00	25.00	0.00586	-200.00	20.00	0.00620

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-200.00	17.00	0.00638	-200.00	15.00	0.00649
-200.00	13.00	0.00658	-200.00	11.00	0.00666
-200.00	9.00	0.00675	-200.00	-9.00	0.00672
-200.00	-11.00	0.00665	-200.00	-13.00	0.00659
-200.00	-15.00	0.00654	-200.00	-17.00	0.00649
-200.00	-20.00	0.00641	-200.00	-25.00	0.00624
-200.00	-30.00	0.00603	-200.00	-40.00	0.00556
-200.00	-50.00	0.00505	-200.00	-60.00	0.00457
-200.00	-70.00	0.00413	-200.00	-80.00	0.00374
-200.00	-90.00	0.00341	-200.00	-100.00	0.00312
-190.00	100.00	0.00259	-190.00	90.00	0.00287
-190.00	80.00	0.00319	-190.00	70.00	0.00358
-190.00	60.00	0.00403	-190.00	50.00	0.00457
-190.00	40.00	0.00518	-190.00	30.00	0.00587
-190.00	25.00	0.00622	-190.00	20.00	0.00654
-190.00	17.00	0.00672	-190.00	15.00	0.00681
-190.00	13.00	0.00689	-190.00	11.00	0.00696
-190.00	9.00	0.00702	-190.00	-9.00	0.00686
-190.00	-11.00	0.00679	-190.00	-13.00	0.00673
-190.00	-15.00	0.00668	-190.00	-17.00	0.00663

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-190.00	-20.00	0.00654	-190.00	-25.00	0.00636
-190.00	-30.00	0.00615	-190.00	-40.00	0.00568
-190.00	-50.00	0.00517	-190.00	-60.00	0.00468
-190.00	-70.00	0.00424	-190.00	-80.00	0.00384
-190.00	-90.00	0.00349	-190.00	-100.00	0.00319
-180.00	100.00	0.00273	-180.00	90.00	0.00303
-180.00	80.00	0.00337	-180.00	70.00	0.00378
-180.00	60.00	0.00425	-180.00	50.00	0.00480
-180.00	40.00	0.00543	-180.00	30.00	0.00611
-180.00	25.00	0.00645	-180.00	20.00	0.00677
-180.00	17.00	0.00693	-180.00	15.00	0.00702
-180.00	13.00	0.00709	-180.00	11.00	0.00715
-180.00	9.00	0.00720	-180.00	-9.00	0.00696
-180.00	-11.00	0.00689	-180.00	-13.00	0.00683
-180.00	-15.00	0.00678	-180.00	-17.00	0.00673
-180.00	-20.00	0.00664	-180.00	-25.00	0.00646
-180.00	-30.00	0.00625	-180.00	-40.00	0.00576
-180.00	-50.00	0.00525	-180.00	-60.00	0.00476
-180.00	-70.00	0.00431	-180.00	-80.00	0.00391
-180.00	-90.00	0.00356	-180.00	-100.00	0.00325

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

17:29:17  
 \*\*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
-170.00	100.00	0.00286	-170.00	90.00	0.00316
-170.00	80.00	0.00352	-170.00	70.00	0.00393
-170.00	60.00	0.00442	-170.00	50.00	0.00498
-170.00	40.00	0.00561	-170.00	30.00	0.00628
-170.00	25.00	0.00662	-170.00	20.00	0.00692
-170.00	17.00	0.00708	-170.00	15.00	0.00716
-170.00	13.00	0.00723	-170.00	11.00	0.00728
-170.00	9.00	0.00733	-170.00	-9.00	0.00704
-170.00	-11.00	0.00697	-170.00	-13.00	0.00691
-170.00	-15.00	0.00686	-170.00	-17.00	0.00681
-170.00	-20.00	0.00671	-170.00	-25.00	0.00653
-170.00	-30.00	0.00632	-170.00	-40.00	0.00583
-170.00	-50.00	0.00531	-170.00	-60.00	0.00482
-170.00	-70.00	0.00437	-170.00	-80.00	0.00397

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-170.00	-90.00	0.00361	-170.00	-100.00	0.00330
-160.00	100.00	0.00296	-160.00	90.00	0.00327
-160.00	80.00	0.00363	-160.00	70.00	0.00406
-160.00	60.00	0.00455	-160.00	50.00	0.00511
-160.00	40.00	0.00574	-160.00	30.00	0.00640
-160.00	25.00	0.00673	-160.00	20.00	0.00704
-160.00	17.00	0.00719	-160.00	15.00	0.00727
-160.00	13.00	0.00733	-160.00	11.00	0.00737
-160.00	9.00	0.00742	-160.00	-9.00	0.00710
-160.00	-11.00	0.00702	-160.00	-13.00	0.00697
-160.00	-15.00	0.00692	-160.00	-17.00	0.00686
-160.00	-20.00	0.00677	-160.00	-25.00	0.00659
-160.00	-30.00	0.00637	-160.00	-40.00	0.00588
-160.00	-50.00	0.00536	-160.00	-60.00	0.00486
-160.00	-70.00	0.00441	-160.00	-80.00	0.00400
-160.00	-90.00	0.00365	-160.00	-100.00	0.00333
-150.00	100.00	0.00304	-150.00	90.00	0.00336
-150.00	80.00	0.00373	-150.00	70.00	0.00416
-150.00	60.00	0.00465	-150.00	50.00	0.00521
-150.00	40.00	0.00583	-150.00	30.00	0.00649
-150.00	25.00	0.00683	-150.00	20.00	0.00713
-150.00	17.00	0.00727	-150.00	15.00	0.00735
-150.00	13.00	0.00741	-150.00	11.00	0.00745
-150.00	9.00	0.00749	-150.00	-9.00	0.00715
-150.00	-11.00	0.00707	-150.00	-13.00	0.00701
-150.00	-15.00	0.00696	-150.00	-17.00	0.00691

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

17:29:17  
 \*\*MODELOPTS:  
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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
-150.00	-20.00	0.00681	-150.00	-25.00	0.00664
-150.00	-30.00	0.00642	-150.00	-40.00	0.00592
-150.00	-50.00	0.00540	-150.00	-60.00	0.00490
-150.00	-70.00	0.00444	-150.00	-80.00	0.00403
-150.00	-90.00	0.00367	-150.00	-100.00	0.00336
-140.00	100.00	0.00312	-140.00	90.00	0.00344
-140.00	80.00	0.00381	-140.00	70.00	0.00424
-140.00	60.00	0.00473	-140.00	50.00	0.00529

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-140.00	40.00	0.00591	-140.00	30.00	0.00657
-140.00	25.00	0.00689	-140.00	20.00	0.00719
-140.00	17.00	0.00733	-140.00	15.00	0.00740
-140.00	13.00	0.00746	-140.00	11.00	0.00751
-140.00	9.00	0.00756	-140.00	-9.00	0.00719
-140.00	-11.00	0.00711	-140.00	-13.00	0.00705
-140.00	-15.00	0.00699	-140.00	-17.00	0.00694
-140.00	-20.00	0.00685	-140.00	-25.00	0.00667
-140.00	-30.00	0.00645	-140.00	-40.00	0.00595
-140.00	-50.00	0.00543	-140.00	-60.00	0.00492
-140.00	-70.00	0.00446	-140.00	-80.00	0.00405
-140.00	-90.00	0.00369	-140.00	-100.00	0.00338
-130.00	100.00	0.00318	-130.00	90.00	0.00350
-130.00	80.00	0.00387	-130.00	70.00	0.00430
-130.00	60.00	0.00479	-130.00	50.00	0.00535
-130.00	40.00	0.00597	-130.00	30.00	0.00662
-130.00	25.00	0.00695	-130.00	20.00	0.00724
-130.00	17.00	0.00738	-130.00	15.00	0.00745
-130.00	13.00	0.00751	-130.00	11.00	0.00756
-130.00	9.00	0.00760	-130.00	-9.00	0.00722
-130.00	-11.00	0.00714	-130.00	-13.00	0.00707
-130.00	-15.00	0.00702	-130.00	-17.00	0.00697
-130.00	-20.00	0.00688	-130.00	-25.00	0.00669
-130.00	-30.00	0.00647	-130.00	-40.00	0.00598
-130.00	-50.00	0.00545	-130.00	-60.00	0.00495
-130.00	-70.00	0.00448	-130.00	-80.00	0.00407
-130.00	-90.00	0.00371	-130.00	-100.00	0.00339
-120.00	100.00	0.00323	-120.00	90.00	0.00355
-120.00	80.00	0.00392	-120.00	70.00	0.00435
-120.00	60.00	0.00484	-120.00	50.00	0.00540
-120.00	40.00	0.00602	-120.00	30.00	0.00667
-120.00	25.00	0.00699	-120.00	20.00	0.00727

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

17:29:17  
 \*\*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
-120.00	17.00	0.00742	-120.00	15.00	0.00749
-120.00	13.00	0.00754	-120.00	11.00	0.00759

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-120.00	9.00	0.00763	-120.00	-9.00	0.00723
-120.00	-11.00	0.00715	-120.00	-13.00	0.00709
-120.00	-15.00	0.00704	-120.00	-17.00	0.00699
-120.00	-20.00	0.00689	-120.00	-25.00	0.00671
-120.00	-30.00	0.00649	-120.00	-40.00	0.00600
-120.00	-50.00	0.00547	-120.00	-60.00	0.00496
-120.00	-70.00	0.00450	-120.00	-80.00	0.00408
-120.00	-90.00	0.00372	-120.00	-100.00	0.00340
-110.00	100.00	0.00327	-110.00	90.00	0.00359
-110.00	80.00	0.00397	-110.00	70.00	0.00440
-110.00	60.00	0.00489	-110.00	50.00	0.00544
-110.00	40.00	0.00606	-110.00	30.00	0.00670
-110.00	25.00	0.00702	-110.00	20.00	0.00731
-110.00	17.00	0.00745	-110.00	15.00	0.00752
-110.00	13.00	0.00757	-110.00	11.00	0.00761
-110.00	9.00	0.00765	-110.00	-9.00	0.00725
-110.00	-11.00	0.00717	-110.00	-13.00	0.00711
-110.00	-15.00	0.00706	-110.00	-17.00	0.00700
-110.00	-20.00	0.00691	-110.00	-25.00	0.00673
-110.00	-30.00	0.00651	-110.00	-40.00	0.00601
-110.00	-50.00	0.00548	-110.00	-60.00	0.00497
-110.00	-70.00	0.00451	-110.00	-80.00	0.00409
-110.00	-90.00	0.00372	-110.00	-100.00	0.00340
-100.00	100.00	0.00331	-100.00	90.00	0.00363
-100.00	80.00	0.00400	-100.00	70.00	0.00443
-100.00	60.00	0.00492	-100.00	50.00	0.00547
-100.00	40.00	0.00609	-100.00	30.00	0.00673
-100.00	25.00	0.00705	-100.00	20.00	0.00733
-100.00	17.00	0.00747	-100.00	15.00	0.00754
-100.00	13.00	0.00759	-100.00	11.00	0.00763
-100.00	9.00	0.00767	-100.00	-9.00	0.00726
-100.00	-11.00	0.00718	-100.00	-13.00	0.00712
-100.00	-15.00	0.00706	-100.00	-17.00	0.00701
-100.00	-20.00	0.00692	-100.00	-25.00	0.00674
-100.00	-30.00	0.00652	-100.00	-40.00	0.00602
-100.00	-50.00	0.00549	-100.00	-60.00	0.00498
-100.00	-70.00	0.00451	-100.00	-80.00	0.00409
-100.00	-90.00	0.00373	-100.00	-100.00	0.00340

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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 \*\*MODELOPTs:  
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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
-90.00	100.00	0.00334	-90.00	90.00	0.00366
-90.00	80.00	0.00403	-90.00	70.00	0.00446
-90.00	60.00	0.00495	-90.00	50.00	0.00550
-90.00	40.00	0.00611	-90.00	30.00	0.00675
-90.00	25.00	0.00707	-90.00	20.00	0.00735
-90.00	17.00	0.00748	-90.00	15.00	0.00756
-90.00	13.00	0.00761	-90.00	11.00	0.00765
-90.00	9.00	0.00769	-90.00	-9.00	0.00727
-90.00	-11.00	0.00719	-90.00	-13.00	0.00713
-90.00	-15.00	0.00707	-90.00	-17.00	0.00701
-90.00	-20.00	0.00692	-90.00	-25.00	0.00674
-90.00	-30.00	0.00652	-90.00	-40.00	0.00602
-90.00	-50.00	0.00549	-90.00	-60.00	0.00498
-90.00	-70.00	0.00451	-90.00	-80.00	0.00410
-90.00	-90.00	0.00373	-90.00	-100.00	0.00340
-80.00	100.00	0.00336	-80.00	90.00	0.00368
-80.00	80.00	0.00405	-80.00	70.00	0.00448
-80.00	60.00	0.00497	-80.00	50.00	0.00552
-80.00	40.00	0.00613	-80.00	30.00	0.00677
-80.00	25.00	0.00708	-80.00	20.00	0.00736
-80.00	17.00	0.00750	-80.00	15.00	0.00757
-80.00	13.00	0.00763	-80.00	11.00	0.00766
-80.00	9.00	0.00770	-80.00	-9.00	0.00728
-80.00	-11.00	0.00719	-80.00	-13.00	0.00713
-80.00	-15.00	0.00708	-80.00	-17.00	0.00702
-80.00	-20.00	0.00693	-80.00	-25.00	0.00674
-80.00	-30.00	0.00652	-80.00	-40.00	0.00602
-80.00	-50.00	0.00549	-80.00	-60.00	0.00498
-80.00	-70.00	0.00451	-80.00	-80.00	0.00409
-80.00	-90.00	0.00372	-80.00	-100.00	0.00340
-70.00	100.00	0.00338	-70.00	90.00	0.00370
-70.00	80.00	0.00407	-70.00	70.00	0.00450
-70.00	60.00	0.00499	-70.00	50.00	0.00554
-70.00	40.00	0.00614	-70.00	30.00	0.00678
-70.00	25.00	0.00709	-70.00	20.00	0.00737
-70.00	17.00	0.00751	-70.00	15.00	0.00758
-70.00	13.00	0.00763	-70.00	11.00	0.00767
-70.00	9.00	0.00771	-70.00	-9.00	0.00728
-70.00	-11.00	0.00720	-70.00	-13.00	0.00713
-70.00	-15.00	0.00708	-70.00	-17.00	0.00702

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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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
-70.00	-20.00	0.00693	-70.00	-25.00	0.00674
-70.00	-30.00	0.00652	-70.00	-40.00	0.00602
-70.00	-50.00	0.00549	-70.00	-60.00	0.00498
-70.00	-70.00	0.00451	-70.00	-80.00	0.00409
-70.00	-90.00	0.00372	-70.00	-100.00	0.00339
-60.00	100.00	0.00340	-60.00	90.00	0.00372
-60.00	80.00	0.00409	-60.00	70.00	0.00452
-60.00	60.00	0.00500	-60.00	50.00	0.00555
-60.00	40.00	0.00615	-60.00	30.00	0.00679
-60.00	25.00	0.00710	-60.00	20.00	0.00739
-60.00	17.00	0.00752	-60.00	15.00	0.00759
-60.00	13.00	0.00764	-60.00	11.00	0.00768
-60.00	9.00	0.00771	-60.00	-9.00	0.00729
-60.00	-11.00	0.00720	-60.00	-13.00	0.00713
-60.00	-15.00	0.00708	-60.00	-17.00	0.00702
-60.00	-20.00	0.00692	-60.00	-25.00	0.00674
-60.00	-30.00	0.00652	-60.00	-40.00	0.00602
-60.00	-50.00	0.00549	-60.00	-60.00	0.00497
-60.00	-70.00	0.00450	-60.00	-80.00	0.00408
-60.00	-90.00	0.00371	-60.00	-100.00	0.00338
-50.00	100.00	0.00341	-50.00	90.00	0.00373
-50.00	80.00	0.00410	-50.00	70.00	0.00453
-50.00	60.00	0.00501	-50.00	50.00	0.00556
-50.00	40.00	0.00616	-50.00	30.00	0.00679
-50.00	25.00	0.00711	-50.00	20.00	0.00739
-50.00	17.00	0.00752	-50.00	15.00	0.00759
-50.00	13.00	0.00765	-50.00	11.00	0.00769
-50.00	9.00	0.00773	-50.00	-9.00	0.00729
-50.00	-11.00	0.00720	-50.00	-13.00	0.00713
-50.00	-15.00	0.00707	-50.00	-17.00	0.00701
-50.00	-20.00	0.00692	-50.00	-25.00	0.00673
-50.00	-30.00	0.00651	-50.00	-40.00	0.00601
-50.00	-50.00	0.00548	-50.00	-60.00	0.00496
-50.00	-70.00	0.00449	-50.00	-80.00	0.00407

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-50.00	-90.00	0.00370	-50.00	-100.00	0.00337
-40.00	100.00	0.00342	-40.00	90.00	0.00374
-40.00	80.00	0.00411	-40.00	70.00	0.00454
-40.00	60.00	0.00502	-40.00	50.00	0.00557
-40.00	40.00	0.00617	-40.00	30.00	0.00680
-40.00	25.00	0.00711	-40.00	20.00	0.00739

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-40.00	17.00	0.00753	-40.00	15.00	0.00759
-40.00	13.00	0.00765	-40.00	11.00	0.00769
-40.00	9.00	0.00773	-40.00	-9.00	0.00728
-40.00	-11.00	0.00719	-40.00	-13.00	0.00712
-40.00	-15.00	0.00707	-40.00	-17.00	0.00701
-40.00	-20.00	0.00691	-40.00	-25.00	0.00672
-40.00	-30.00	0.00650	-40.00	-40.00	0.00600
-40.00	-50.00	0.00547	-40.00	-60.00	0.00495
-40.00	-70.00	0.00448	-40.00	-80.00	0.00406
-40.00	-90.00	0.00369	-40.00	-100.00	0.00335
-30.00	100.00	0.00343	-30.00	90.00	0.00375
-30.00	80.00	0.00412	-30.00	70.00	0.00454
-30.00	60.00	0.00503	-30.00	50.00	0.00557
-30.00	40.00	0.00617	-30.00	30.00	0.00680
-30.00	25.00	0.00711	-30.00	20.00	0.00739
-30.00	17.00	0.00752	-30.00	15.00	0.00759
-30.00	13.00	0.00764	-30.00	11.00	0.00768
-30.00	9.00	0.00772	-30.00	-9.00	0.00726
-30.00	-11.00	0.00718	-30.00	-13.00	0.00712
-30.00	-15.00	0.00706	-30.00	-17.00	0.00700
-30.00	-20.00	0.00690	-30.00	-25.00	0.00671
-30.00	-30.00	0.00649	-30.00	-40.00	0.00599
-30.00	-50.00	0.00545	-30.00	-60.00	0.00494
-30.00	-70.00	0.00447	-30.00	-80.00	0.00404
-30.00	-90.00	0.00367	-30.00	-100.00	0.00334
-20.00	100.00	0.00344	-20.00	90.00	0.00376
-20.00	80.00	0.00412	-20.00	70.00	0.00455
-20.00	60.00	0.00503	-20.00	50.00	0.00557

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

-20.00	40.00	0.00617	-20.00	30.00	0.00680
-20.00	25.00	0.00711	-20.00	20.00	0.00739
-20.00	17.00	0.00752	-20.00	15.00	0.00759
-20.00	13.00	0.00764	-20.00	11.00	0.00767
-20.00	9.00	0.00771	-20.00	-9.00	0.00725
-20.00	-11.00	0.00717	-20.00	-13.00	0.00710
-20.00	-15.00	0.00705	-20.00	-17.00	0.00699
-20.00	-20.00	0.00689	-20.00	-25.00	0.00670
-20.00	-30.00	0.00648	-20.00	-40.00	0.00597
-20.00	-50.00	0.00544	-20.00	-60.00	0.00492
-20.00	-70.00	0.00445	-20.00	-80.00	0.00402
-20.00	-90.00	0.00365	-20.00	-100.00	0.00332

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
-10.00	100.00	0.00344	-10.00	90.00	0.00376
-10.00	80.00	0.00413	-10.00	70.00	0.00455
-10.00	60.00	0.00503	-10.00	50.00	0.00557
-10.00	40.00	0.00617	-10.00	30.00	0.00680
-10.00	25.00	0.00711	-10.00	20.00	0.00738
-10.00	17.00	0.00752	-10.00	15.00	0.00758
-10.00	13.00	0.00763	-10.00	11.00	0.00767
-10.00	9.00	0.00770	-10.00	-9.00	0.00724
-10.00	-11.00	0.00716	-10.00	-13.00	0.00709
-10.00	-15.00	0.00703	-10.00	-17.00	0.00697
-10.00	-20.00	0.00687	-10.00	-25.00	0.00668
-10.00	-30.00	0.00646	-10.00	-40.00	0.00595
-10.00	-50.00	0.00542	-10.00	-60.00	0.00490
-10.00	-70.00	0.00443	-10.00	-80.00	0.00400
-10.00	-90.00	0.00362	-10.00	-100.00	0.00329
0.00	100.00	0.00344	0.00	90.00	0.00376
0.00	80.00	0.00413	0.00	70.00	0.00455
0.00	60.00	0.00503	0.00	50.00	0.00557
0.00	40.00	0.00617	0.00	30.00	0.00680
0.00	25.00	0.00710	0.00	20.00	0.00738
0.00	17.00	0.00751	0.00	15.00	0.00758
0.00	13.00	0.00763	0.00	11.00	0.00766

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

0.00	9.00	0.00769	0.00	-9.00	0.00723
0.00	-11.00	0.00714	0.00	-13.00	0.00707
0.00	-15.00	0.00701	0.00	-17.00	0.00695
0.00	-20.00	0.00686	0.00	-25.00	0.00667
0.00	-30.00	0.00644	0.00	-40.00	0.00593
0.00	-50.00	0.00540	0.00	-60.00	0.00488
0.00	-70.00	0.00440	0.00	-80.00	0.00398
0.00	-90.00	0.00360	0.00	-100.00	0.00326
10.00	100.00	0.00344	10.00	90.00	0.00376
10.00	80.00	0.00413	10.00	70.00	0.00455
10.00	60.00	0.00502	10.00	50.00	0.00557
10.00	40.00	0.00616	10.00	30.00	0.00679
10.00	25.00	0.00710	10.00	20.00	0.00737
10.00	17.00	0.00750	10.00	15.00	0.00757
10.00	13.00	0.00762	10.00	11.00	0.00765
10.00	9.00	0.00768	10.00	-9.00	0.00721
10.00	-11.00	0.00712	10.00	-13.00	0.00706
10.00	-15.00	0.00700	10.00	-17.00	0.00694

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

17:29:17  
 \*\*MODELOPTs:  
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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
10.00	-20.00	0.00684	10.00	-25.00	0.00664
10.00	-30.00	0.00642	10.00	-40.00	0.00591
10.00	-50.00	0.00537	10.00	-60.00	0.00485
10.00	-70.00	0.00437	10.00	-80.00	0.00395
10.00	-90.00	0.00357	10.00	-100.00	0.00323
20.00	100.00	0.00344	20.00	90.00	0.00376
20.00	80.00	0.00412	20.00	70.00	0.00454
20.00	60.00	0.00502	20.00	50.00	0.00556
20.00	40.00	0.00615	20.00	30.00	0.00678
20.00	25.00	0.00708	20.00	20.00	0.00736
20.00	17.00	0.00749	20.00	15.00	0.00756
20.00	13.00	0.00760	20.00	11.00	0.00764
20.00	9.00	0.00767	20.00	-9.00	0.00719
20.00	-11.00	0.00710	20.00	-13.00	0.00704
20.00	-15.00	0.00698	20.00	-17.00	0.00691
20.00	-20.00	0.00681	20.00	-25.00	0.00662

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

20.00	-30.00	0.00639	20.00	-40.00	0.00588
20.00	-50.00	0.00534	20.00	-60.00	0.00482
20.00	-70.00	0.00434	20.00	-80.00	0.00391
20.00	-90.00	0.00353	20.00	-100.00	0.00320
30.00	100.00	0.00344	30.00	90.00	0.00376
30.00	80.00	0.00412	30.00	70.00	0.00454
30.00	60.00	0.00501	30.00	50.00	0.00555
30.00	40.00	0.00614	30.00	30.00	0.00676
30.00	25.00	0.00707	30.00	20.00	0.00735
30.00	17.00	0.00748	30.00	15.00	0.00754
30.00	13.00	0.00759	30.00	11.00	0.00762
30.00	9.00	0.00765	30.00	-9.00	0.00718
30.00	-11.00	0.00708	30.00	-13.00	0.00701
30.00	-15.00	0.00695	30.00	-17.00	0.00689
30.00	-20.00	0.00678	30.00	-25.00	0.00659
30.00	-30.00	0.00636	30.00	-40.00	0.00585
30.00	-50.00	0.00531	30.00	-60.00	0.00478
30.00	-70.00	0.00430	30.00	-80.00	0.00387
30.00	-90.00	0.00349	30.00	-100.00	0.00316
40.00	100.00	0.00343	40.00	90.00	0.00375
40.00	80.00	0.00411	40.00	70.00	0.00453
40.00	60.00	0.00500	40.00	50.00	0.00554
40.00	40.00	0.00613	40.00	30.00	0.00675
40.00	25.00	0.00706	40.00	20.00	0.00733

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

\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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\*\*MODELOPTs:

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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
40.00	17.00	0.00746	40.00	15.00	0.00752
40.00	13.00	0.00757	40.00	11.00	0.00761
40.00	9.00	0.00765	40.00	-9.00	0.00715
40.00	-11.00	0.00706	40.00	-13.00	0.00698
40.00	-15.00	0.00692	40.00	-17.00	0.00686
40.00	-20.00	0.00675	40.00	-25.00	0.00656
40.00	-30.00	0.00633	40.00	-40.00	0.00581
40.00	-50.00	0.00527	40.00	-60.00	0.00474
40.00	-70.00	0.00426	40.00	-80.00	0.00383
40.00	-90.00	0.00345	40.00	-100.00	0.00312

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

50.00	100.00	0.00343	50.00	90.00	0.00374
50.00	80.00	0.00410	50.00	70.00	0.00452
50.00	60.00	0.00499	50.00	50.00	0.00553
50.00	40.00	0.00612	50.00	30.00	0.00674
50.00	25.00	0.00704	50.00	20.00	0.00731
50.00	17.00	0.00744	50.00	15.00	0.00751
50.00	13.00	0.00755	50.00	11.00	0.00759
50.00	9.00	0.00762	50.00	-9.00	0.00712
50.00	-11.00	0.00702	50.00	-13.00	0.00695
50.00	-15.00	0.00689	50.00	-17.00	0.00682
50.00	-20.00	0.00672	50.00	-25.00	0.00652
50.00	-30.00	0.00629	50.00	-40.00	0.00577
50.00	-50.00	0.00522	50.00	-60.00	0.00470
50.00	-70.00	0.00421	50.00	-80.00	0.00378
50.00	-90.00	0.00340	50.00	-100.00	0.00307
60.00	100.00	0.00342	60.00	90.00	0.00373
60.00	80.00	0.00409	60.00	70.00	0.00451
60.00	60.00	0.00498	60.00	50.00	0.00551
60.00	40.00	0.00610	60.00	30.00	0.00672
60.00	25.00	0.00702	60.00	20.00	0.00729
60.00	17.00	0.00742	60.00	15.00	0.00748
60.00	13.00	0.00753	60.00	11.00	0.00756
60.00	9.00	0.00759	60.00	-9.00	0.00707
60.00	-11.00	0.00698	60.00	-13.00	0.00691
60.00	-15.00	0.00685	60.00	-17.00	0.00678
60.00	-20.00	0.00668	60.00	-25.00	0.00648
60.00	-30.00	0.00624	60.00	-40.00	0.00572
60.00	-50.00	0.00517	60.00	-60.00	0.00465
60.00	-70.00	0.00416	60.00	-80.00	0.00373
60.00	-90.00	0.00335	60.00	-100.00	0.00302

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

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 \*\*MODELOPTs:  
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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
70.00	100.00	0.00341	70.00	90.00	0.00372
70.00	80.00	0.00408	70.00	70.00	0.00449
70.00	60.00	0.00496	70.00	50.00	0.00550
70.00	40.00	0.00608	70.00	30.00	0.00670

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

70.00	25.00	0.00700	70.00	20.00	0.00727
70.00	17.00	0.00739	70.00	15.00	0.00746
70.00	13.00	0.00750	70.00	11.00	0.00753
70.00	9.00	0.00756	70.00	-9.00	0.00703
70.00	-11.00	0.00694	70.00	-13.00	0.00687
70.00	-15.00	0.00680	70.00	-17.00	0.00674
70.00	-20.00	0.00663	70.00	-25.00	0.00643
70.00	-30.00	0.00619	70.00	-40.00	0.00567
70.00	-50.00	0.00512	70.00	-60.00	0.00458
70.00	-70.00	0.00410	70.00	-80.00	0.00366
70.00	-90.00	0.00329	70.00	-100.00	0.00296
80.00	100.00	0.00339	80.00	90.00	0.00371
80.00	80.00	0.00407	80.00	70.00	0.00448
80.00	60.00	0.00495	80.00	50.00	0.00548
80.00	40.00	0.00606	80.00	30.00	0.00668
80.00	25.00	0.00697	80.00	20.00	0.00724
80.00	17.00	0.00736	80.00	15.00	0.00743
80.00	13.00	0.00747	80.00	11.00	0.00750
80.00	9.00	0.00753	80.00	-9.00	0.00699
80.00	-11.00	0.00689	80.00	-13.00	0.00682
80.00	-15.00	0.00675	80.00	-17.00	0.00668
80.00	-20.00	0.00658	80.00	-25.00	0.00637
80.00	-30.00	0.00614	80.00	-40.00	0.00561
80.00	-50.00	0.00505	80.00	-60.00	0.00451
80.00	-70.00	0.00403	80.00	-80.00	0.00359
80.00	-90.00	0.00322	80.00	-100.00	0.00289
90.00	100.00	0.00338	90.00	90.00	0.00369
90.00	80.00	0.00405	90.00	70.00	0.00446
90.00	60.00	0.00492	90.00	50.00	0.00545
90.00	40.00	0.00604	90.00	30.00	0.00665
90.00	25.00	0.00695	90.00	20.00	0.00721
90.00	17.00	0.00733	90.00	15.00	0.00739
90.00	13.00	0.00743	90.00	11.00	0.00746
90.00	9.00	0.00749	90.00	-9.00	0.00693
90.00	-11.00	0.00684	90.00	-13.00	0.00676
90.00	-15.00	0.00669	90.00	-17.00	0.00662

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

\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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\*\*MODELOPTs:  
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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 \*\*\*

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
90.00	-20.00	0.00651	90.00	-25.00	0.00631
90.00	-30.00	0.00607	90.00	-40.00	0.00553
90.00	-50.00	0.00497	90.00	-60.00	0.00443
90.00	-70.00	0.00395	90.00	-80.00	0.00352
90.00	-90.00	0.00314	90.00	-100.00	0.00282
100.00	100.00	0.00336	100.00	90.00	0.00367
100.00	80.00	0.00403	100.00	70.00	0.00443
100.00	60.00	0.00490	100.00	50.00	0.00543
100.00	40.00	0.00601	100.00	30.00	0.00662
100.00	25.00	0.00691	100.00	20.00	0.00717
100.00	17.00	0.00729	100.00	15.00	0.00735
100.00	13.00	0.00740	100.00	11.00	0.00742
100.00	9.00	0.00744	100.00	-9.00	0.00687
100.00	-11.00	0.00677	100.00	-13.00	0.00670
100.00	-15.00	0.00663	100.00	-17.00	0.00656
100.00	-20.00	0.00644	100.00	-25.00	0.00623
100.00	-30.00	0.00599	100.00	-40.00	0.00545
100.00	-50.00	0.00488	100.00	-60.00	0.00434
100.00	-70.00	0.00386	100.00	-80.00	0.00343
100.00	-90.00	0.00306	100.00	-100.00	0.00274
110.00	100.00	0.00333	110.00	90.00	0.00364
110.00	80.00	0.00400	110.00	70.00	0.00441
110.00	60.00	0.00487	110.00	50.00	0.00540
110.00	40.00	0.00597	110.00	30.00	0.00658
110.00	25.00	0.00687	110.00	20.00	0.00713
110.00	17.00	0.00725	110.00	15.00	0.00731
110.00	13.00	0.00735	110.00	11.00	0.00737
110.00	9.00	0.00739	110.00	-9.00	0.00680
110.00	-11.00	0.00670	110.00	-13.00	0.00662
110.00	-15.00	0.00655	110.00	-17.00	0.00647
110.00	-20.00	0.00636	110.00	-25.00	0.00614
110.00	-30.00	0.00590	110.00	-40.00	0.00535
110.00	-50.00	0.00478	110.00	-60.00	0.00424
110.00	-70.00	0.00375	110.00	-80.00	0.00333
110.00	-90.00	0.00297	110.00	-100.00	0.00266
120.00	100.00	0.00331	120.00	90.00	0.00362
120.00	80.00	0.00397	120.00	70.00	0.00438
120.00	60.00	0.00484	120.00	50.00	0.00536
120.00	40.00	0.00593	120.00	30.00	0.00653
120.00	25.00	0.00683	120.00	20.00	0.00709

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

\*\*\* NCRA Cumulative DPM Impacts

\*\*\*

\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:  
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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
120.00	17.00	0.00720	120.00	15.00	0.00726
120.00	13.00	0.00730	120.00	11.00	0.00732
120.00	9.00	0.00734	120.00	-9.00	0.00672
120.00	-11.00	0.00661	120.00	-13.00	0.00653
120.00	-15.00	0.00645	120.00	-17.00	0.00638
120.00	-20.00	0.00626	120.00	-25.00	0.00604
120.00	-30.00	0.00579	120.00	-40.00	0.00523
120.00	-50.00	0.00465	120.00	-60.00	0.00412
120.00	-70.00	0.00364	120.00	-80.00	0.00322
120.00	-90.00	0.00287	120.00	-100.00	0.00256
130.00	100.00	0.00327	130.00	90.00	0.00358
130.00	80.00	0.00394	130.00	70.00	0.00434
130.00	60.00	0.00480	130.00	50.00	0.00532
130.00	40.00	0.00589	130.00	30.00	0.00648
130.00	25.00	0.00678	130.00	20.00	0.00703
130.00	17.00	0.00714	130.00	15.00	0.00720
130.00	13.00	0.00724	130.00	11.00	0.00726
130.00	9.00	0.00728	130.00	-9.00	0.00662
130.00	-11.00	0.00651	130.00	-13.00	0.00642
130.00	-15.00	0.00634	130.00	-17.00	0.00626
130.00	-20.00	0.00614	130.00	-25.00	0.00591
130.00	-30.00	0.00566	130.00	-40.00	0.00509
130.00	-50.00	0.00451	130.00	-60.00	0.00398
130.00	-70.00	0.00351	130.00	-80.00	0.00310
130.00	-90.00	0.00275	130.00	-100.00	0.00246
140.00	100.00	0.00323	140.00	90.00	0.00354
140.00	80.00	0.00389	140.00	70.00	0.00430
140.00	60.00	0.00476	140.00	50.00	0.00527
140.00	40.00	0.00584	140.00	30.00	0.00643
140.00	25.00	0.00671	140.00	20.00	0.00696
140.00	17.00	0.00708	140.00	15.00	0.00713
140.00	13.00	0.00716	140.00	11.00	0.00719
140.00	9.00	0.00721	140.00	-9.00	0.00649
140.00	-11.00	0.00638	140.00	-13.00	0.00629
140.00	-15.00	0.00621	140.00	-17.00	0.00612
140.00	-20.00	0.00600	140.00	-25.00	0.00576

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

140.00	-30.00	0.00550	140.00	-40.00	0.00492
140.00	-50.00	0.00434	140.00	-60.00	0.00382
140.00	-70.00	0.00336	140.00	-80.00	0.00296
140.00	-90.00	0.00263	140.00	-100.00	0.00234

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

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 \*\*MODELOPTs:  
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 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
150.00	100.00	0.00318	150.00	90.00	0.00349
150.00	80.00	0.00384	150.00	70.00	0.00424
150.00	60.00	0.00470	150.00	50.00	0.00522
150.00	40.00	0.00578	150.00	30.00	0.00636
150.00	25.00	0.00664	150.00	20.00	0.00689
150.00	17.00	0.00700	150.00	15.00	0.00705
150.00	13.00	0.00708	150.00	11.00	0.00709
150.00	9.00	0.00711	150.00	-9.00	0.00634
150.00	-11.00	0.00622	150.00	-13.00	0.00613
150.00	-15.00	0.00604	150.00	-17.00	0.00596
150.00	-20.00	0.00582	150.00	-25.00	0.00557
150.00	-30.00	0.00530	150.00	-40.00	0.00471
150.00	-50.00	0.00415	150.00	-60.00	0.00363
150.00	-70.00	0.00319	150.00	-80.00	0.00281
150.00	-90.00	0.00248	150.00	-100.00	0.00221
160.00	100.00	0.00312	160.00	90.00	0.00343
160.00	80.00	0.00378	160.00	70.00	0.00418
160.00	60.00	0.00464	160.00	50.00	0.00515
160.00	40.00	0.00571	160.00	30.00	0.00629
160.00	25.00	0.00656	160.00	20.00	0.00680
160.00	17.00	0.00690	160.00	15.00	0.00695
160.00	13.00	0.00698	160.00	11.00	0.00699
160.00	9.00	0.00700	160.00	-9.00	0.00615
160.00	-11.00	0.00603	160.00	-13.00	0.00593
160.00	-15.00	0.00583	160.00	-17.00	0.00574
160.00	-20.00	0.00560	160.00	-25.00	0.00534
160.00	-30.00	0.00506	160.00	-40.00	0.00447
160.00	-50.00	0.00392	160.00	-60.00	0.00342
160.00	-70.00	0.00300	160.00	-80.00	0.00263
160.00	-90.00	0.00233	160.00	-100.00	0.00206

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

170.00	100.00	0.00304	170.00	90.00	0.00334
170.00	80.00	0.00369	170.00	70.00	0.00409
170.00	60.00	0.00455	170.00	50.00	0.00506
170.00	40.00	0.00562	170.00	30.00	0.00619
170.00	25.00	0.00646	170.00	20.00	0.00669
170.00	17.00	0.00679	170.00	15.00	0.00683
170.00	13.00	0.00686	170.00	11.00	0.00686
170.00	9.00	0.00686	170.00	-9.00	0.00592
170.00	-11.00	0.00579	170.00	-13.00	0.00568
170.00	-15.00	0.00557	170.00	-17.00	0.00547

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative DPM Impacts      \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction      \*\*\*

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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
170.00	-20.00	0.00532	170.00	-25.00	0.00504
170.00	-30.00	0.00475	170.00	-40.00	0.00418
170.00	-50.00	0.00365	170.00	-60.00	0.00318
170.00	-70.00	0.00278	170.00	-80.00	0.00244
170.00	-90.00	0.00215	170.00	-100.00	0.00190
180.00	100.00	0.00293	180.00	90.00	0.00323
180.00	80.00	0.00358	180.00	70.00	0.00398
180.00	60.00	0.00444	180.00	50.00	0.00495
180.00	40.00	0.00551	180.00	30.00	0.00608
180.00	25.00	0.00635	180.00	20.00	0.00656
180.00	17.00	0.00666	180.00	15.00	0.00670
180.00	13.00	0.00672	180.00	11.00	0.00672
180.00	9.00	0.00671	180.00	-9.00	0.00563
180.00	-11.00	0.00548	180.00	-13.00	0.00535
180.00	-15.00	0.00524	180.00	-17.00	0.00513
180.00	-20.00	0.00495	180.00	-25.00	0.00466
180.00	-30.00	0.00438	180.00	-40.00	0.00383
180.00	-50.00	0.00334	180.00	-60.00	0.00290
180.00	-70.00	0.00253	180.00	-80.00	0.00221
180.00	-90.00	0.00195	180.00	-100.00	0.00173
190.00	100.00	0.00278	190.00	90.00	0.00308
190.00	80.00	0.00342	190.00	70.00	0.00382
190.00	60.00	0.00428	190.00	50.00	0.00479
190.00	40.00	0.00536	190.00	30.00	0.00593

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

190.00	25.00	0.00620	190.00	20.00	0.00641
190.00	17.00	0.00650	190.00	15.00	0.00654
190.00	13.00	0.00655	190.00	11.00	0.00654
190.00	9.00	0.00652	190.00	-9.00	0.00524
190.00	-11.00	0.00507	190.00	-13.00	0.00493
190.00	-15.00	0.00480	190.00	-17.00	0.00467
190.00	-20.00	0.00448	190.00	-25.00	0.00419
190.00	-30.00	0.00392	190.00	-40.00	0.00342
190.00	-50.00	0.00297	190.00	-60.00	0.00258
190.00	-70.00	0.00224	190.00	-80.00	0.00196
190.00	-90.00	0.00173	190.00	-100.00	0.00154
200.00	100.00	0.00258	200.00	90.00	0.00286
200.00	80.00	0.00318	200.00	70.00	0.00357
200.00	60.00	0.00402	200.00	50.00	0.00454
200.00	40.00	0.00512	200.00	30.00	0.00572
200.00	25.00	0.00599	200.00	20.00	0.00622

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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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
200.00	17.00	0.00631	200.00	15.00	0.00634
200.00	13.00	0.00634	200.00	11.00	0.00632
200.00	9.00	0.00630	200.00	-9.00	0.00472
200.00	-11.00	0.00452	200.00	-13.00	0.00435
200.00	-15.00	0.00420	200.00	-17.00	0.00407
200.00	-20.00	0.00389	200.00	-25.00	0.00362
200.00	-30.00	0.00338	200.00	-40.00	0.00294
200.00	-50.00	0.00254	200.00	-60.00	0.00220
200.00	-70.00	0.00192	200.00	-80.00	0.00169
200.00	-90.00	0.00150	200.00	-100.00	0.00134
210.00	100.00	0.00232	210.00	90.00	0.00256
210.00	80.00	0.00285	210.00	70.00	0.00319
210.00	60.00	0.00360	210.00	50.00	0.00409
210.00	40.00	0.00467	210.00	30.00	0.00531
210.00	25.00	0.00563	210.00	20.00	0.00590
210.00	17.00	0.00601	210.00	15.00	0.00605
210.00	13.00	0.00607	210.00	11.00	0.00605
210.00	9.00	0.00601	210.00	-9.00	0.00398

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

210.00	-11.00	0.00374	210.00	-13.00	0.00357
210.00	-15.00	0.00342	210.00	-17.00	0.00330
210.00	-20.00	0.00314	210.00	-25.00	0.00291
210.00	-30.00	0.00271	210.00	-40.00	0.00235
210.00	-50.00	0.00205	210.00	-60.00	0.00180
210.00	-70.00	0.00160	210.00	-80.00	0.00142
210.00	-90.00	0.00128	210.00	-100.00	0.00116
220.00	100.00	0.00203	220.00	90.00	0.00222
220.00	80.00	0.00244	220.00	70.00	0.00270
220.00	60.00	0.00301	220.00	50.00	0.00337
220.00	40.00	0.00380	220.00	30.00	0.00432
220.00	25.00	0.00462	220.00	20.00	0.00494
220.00	17.00	0.00512	220.00	15.00	0.00522
220.00	13.00	0.00532	220.00	11.00	0.00539
220.00	9.00	0.00543	220.00	-9.00	0.00277
220.00	-11.00	0.00259	220.00	-13.00	0.00245
220.00	-15.00	0.00236	220.00	-17.00	0.00228
220.00	-20.00	0.00218	220.00	-25.00	0.00205
220.00	-30.00	0.00195	220.00	-40.00	0.00176
220.00	-50.00	0.00158	220.00	-60.00	0.00143
220.00	-70.00	0.00130	220.00	-80.00	0.00118
220.00	-90.00	0.00108	220.00	-100.00	0.00099

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

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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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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
230.00	100.00	0.00176	230.00	90.00	0.00190
230.00	80.00	0.00205	230.00	70.00	0.00223
230.00	60.00	0.00242	230.00	50.00	0.00263
230.00	40.00	0.00285	230.00	30.00	0.00305
230.00	25.00	0.00312	230.00	20.00	0.00316
230.00	17.00	0.00315	230.00	15.00	0.00312
230.00	13.00	0.00306	230.00	11.00	0.00298
230.00	9.00	0.00285	230.00	-9.00	0.00143
230.00	-11.00	0.00142	230.00	-13.00	0.00142
230.00	-15.00	0.00141	230.00	-17.00	0.00141
230.00	-20.00	0.00140	230.00	-25.00	0.00138
230.00	-30.00	0.00136	230.00	-40.00	0.00129

09NCRA\_NAPA00-300\_DPM\_TRAV\_ANN\_E-W Bound

230.00	-50.00	0.00122	230.00	-60.00	0.00113
230.00	-70.00	0.00105	230.00	-80.00	0.00098
230.00	-90.00	0.00091	230.00	-100.00	0.00084
240.00	100.00	0.00153	240.00	90.00	0.00162
240.00	80.00	0.00173	240.00	70.00	0.00184
240.00	60.00	0.00195	240.00	50.00	0.00206
240.00	40.00	0.00214	240.00	30.00	0.00217
240.00	25.00	0.00216	240.00	20.00	0.00210
240.00	17.00	0.00204	240.00	15.00	0.00199
240.00	13.00	0.00193	240.00	11.00	0.00186
240.00	9.00	0.00178	240.00	-9.00	0.00108
240.00	-11.00	0.00106	240.00	-13.00	0.00105
240.00	-15.00	0.00104	240.00	-17.00	0.00104
240.00	-20.00	0.00103	240.00	-25.00	0.00102
240.00	-30.00	0.00101	240.00	-40.00	0.00099
240.00	-50.00	0.00096	240.00	-60.00	0.00091
240.00	-70.00	0.00087	240.00	-80.00	0.00082
240.00	-90.00	0.00077	240.00	-100.00	0.00073
250.00	100.00	0.00132	250.00	90.00	0.00139
250.00	80.00	0.00145	250.00	70.00	0.00152
250.00	60.00	0.00158	250.00	50.00	0.00162
250.00	40.00	0.00164	250.00	30.00	0.00161
250.00	25.00	0.00157	250.00	20.00	0.00151
250.00	17.00	0.00146	250.00	15.00	0.00142
250.00	13.00	0.00138	250.00	11.00	0.00134
250.00	9.00	0.00129	250.00	-9.00	0.00088
250.00	-11.00	0.00086	250.00	-13.00	0.00085
250.00	-15.00	0.00085	250.00	-17.00	0.00084

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative DPM Impacts \*\*\*  
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\*\*\* Maximum train overlap at East/West Bound Direction \*\*\*

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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
250.00	-20.00	0.00083	250.00	-25.00	0.00082
250.00	-30.00	0.00081	250.00	-40.00	0.00079
250.00	-50.00	0.00077	250.00	-60.00	0.00075
250.00	-70.00	0.00072	250.00	-80.00	0.00069
250.00	-90.00	0.00066	250.00	-100.00	0.00063

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

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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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	0.00591 AT ( 180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT ( 180.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT ( 170.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT ( 180.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT ( 190.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT ( 190.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT ( 190.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT ( 170.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT ( 180.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT ( 190.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S2	1ST HIGHEST VALUE IS	0.00591 AT ( 90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT ( 90.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT ( 80.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT ( 90.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT ( 100.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT ( 100.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT ( 100.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT ( 80.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT ( 90.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT ( 100.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S3	1ST HIGHEST VALUE IS	0.00591 AT ( 0.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT ( 0.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT ( -10.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT ( 0.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT ( 10.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT ( 10.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT ( 10.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT ( -10.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT ( 0.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT ( 10.00, 15.00, 0.00, 1.20)	DC	NA

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative DPM Impacts

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\*\*\* Maximum train overlap at East/West Bound Direction

\*\*\*

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\*\*MODELOPTs:

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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	0.00591 AT ( -90.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT ( -90.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT ( -100.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT ( -90.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT ( -80.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT ( -80.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT ( -80.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT ( -100.00, 11.00, 0.00, 1.20)	DC	NA
	9TH HIGHEST VALUE IS	0.00584 AT ( -90.00, 15.00, 0.00, 1.20)	DC	NA
	10TH HIGHEST VALUE IS	0.00583 AT ( -80.00, 15.00, 0.00, 1.20)	DC	NA
NCRA_S5	1ST HIGHEST VALUE IS	0.00591 AT ( -180.00, 9.00, 0.00, 1.20)	DC	NA
	2ND HIGHEST VALUE IS	0.00589 AT ( -180.00, 11.00, 0.00, 1.20)	DC	NA
	3RD HIGHEST VALUE IS	0.00588 AT ( -190.00, 9.00, 0.00, 1.20)	DC	NA
	4TH HIGHEST VALUE IS	0.00588 AT ( -180.00, 13.00, 0.00, 1.20)	DC	NA
	5TH HIGHEST VALUE IS	0.00585 AT ( -170.00, 11.00, 0.00, 1.20)	DC	NA
	6TH HIGHEST VALUE IS	0.00585 AT ( -170.00, 13.00, 0.00, 1.20)	DC	NA
	7TH HIGHEST VALUE IS	0.00585 AT ( -170.00, 9.00, 0.00, 1.20)	DC	NA
	8TH HIGHEST VALUE IS	0.00585 AT ( -190.00, 11.00, 0.00, 1.20)	DC	NA

		09NCRA_NAPA00-300_DPM_TRAV_ANN_E-W Bound								
	9TH HIGHEST VALUE IS	0.00584	AT (	-180.00,	15.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00583	AT (	-170.00,	15.00,	0.00,	1.20)	DC	NA	
ALL	1ST HIGHEST VALUE IS	0.00773	AT (	-40.00,	9.00,	0.00,	1.20)	DC	NA	
	2ND HIGHEST VALUE IS	0.00773	AT (	-50.00,	9.00,	0.00,	1.20)	DC	NA	
	3RD HIGHEST VALUE IS	0.00772	AT (	-30.00,	9.00,	0.00,	1.20)	DC	NA	
	4TH HIGHEST VALUE IS	0.00771	AT (	-60.00,	9.00,	0.00,	1.20)	DC	NA	
	5TH HIGHEST VALUE IS	0.00771	AT (	-20.00,	9.00,	0.00,	1.20)	DC	NA	
	6TH HIGHEST VALUE IS	0.00771	AT (	-70.00,	9.00,	0.00,	1.20)	DC	NA	
	7TH HIGHEST VALUE IS	0.00770	AT (	-10.00,	9.00,	0.00,	1.20)	DC	NA	
	8TH HIGHEST VALUE IS	0.00770	AT (	-80.00,	9.00,	0.00,	1.20)	DC	NA	
	9TH HIGHEST VALUE IS	0.00769	AT (	0.00,	9.00,	0.00,	1.20)	DC	NA	
	10TH HIGHEST VALUE IS	0.00769	AT (	-50.00,	11.00,	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 East/West Bound Direction \*\*\*

17:29:17

\*\*MODELOPTs:  
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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 7 Informational Message(s)  
 A Total of 7 Calm Hours Identified

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* ISCST3 Finishes Successfully \*\*\*  
 \*\*\*\*\*