

1 05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
ISCST3 - (DATED 02035)

ISCST3x VERSION 4.4.3  
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Run Began on 6/13/2008 at 15:11:25

\*\* BREEZE ISC GIS Pro v5.2.1 - C:\NCRA\Modeling\Acrolein Risk\Traveling  
Trains\Santa Rosa\13NCRA\_SR03-300\_Acrolein\_TRAV\_ANN\_SE-NW Bound\_Corrected.dat

\*\* Trinity Consultants

CO STARTING

CO TITLEONE NCRA Cumulative Annual Acrolein Impacts

CO TITLETWO Maximum train overlap at SE/NW 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 98.64 -92.28 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

S0 LOCATION NCRA\_S2 AREA 35.0 -28.64 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 LOCATION NCRA\_S3 AREA -28.64 35.0 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 LOCATION NCRA\_S4 AREA -92.28 98.64 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 LOCATION NCRA\_S5 AREA -155.92 162.28 0

\*\* SRCDESCR NCRA Cumulative Trains 2, 3 &4\_North-South

S0 SRCPARAM NCRA\_S1 3.610000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S2 3.610000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S3 3.610000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S4 3.610000E-11 4.953 9 90 135 2.3

S0 SRCPARAM NCRA\_S5 3.610000E-11 4.953 9 90 135 2.3

S0 SRCGROUP NCRA\_S1 NCRA\_S1

S0 SRCGROUP NCRA\_S2 NCRA\_S2

S0 SRCGROUP NCRA\_S3 NCRA\_S3

S0 SRCGROUP NCRA\_S4 NCRA\_S4

S0 SRCGROUP NCRA\_S5 NCRA\_S5

S0 SRCGROUP ALL

S0 FINISHED

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

RE STARTING

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -106.07 | 247.49 | 1.2 |
| RE DI SCCART | -113.14 | 240.42 | 1.2 |
| RE DI SCCART | -120.21 | 233.35 | 1.2 |
| RE DI SCCART | -127.28 | 226.27 | 1.2 |
| RE DI SCCART | -134.35 | 219.2  | 1.2 |
| RE DI SCCART | -141.42 | 212.13 | 1.2 |
| RE DI SCCART | -148.49 | 205.06 | 1.2 |
| RE DI SCCART | -155.56 | 197.99 | 1.2 |
| RE DI SCCART | -159.1  | 194.45 | 1.2 |
| RE DI SCCART | -162.63 | 190.92 | 1.2 |
| RE DI SCCART | -164.76 | 188.8  | 1.2 |
| RE DI SCCART | -166.17 | 187.38 | 1.2 |
| RE DI SCCART | -167.58 | 185.97 | 1.2 |
| RE DI SCCART | -169.0  | 184.55 | 1.2 |
| RE DI SCCART | -170.41 | 183.14 | 1.2 |
| RE DI SCCART | -183.14 | 170.41 | 1.2 |
| RE DI SCCART | -184.55 | 169.0  | 1.2 |
| RE DI SCCART | -185.97 | 167.58 | 1.2 |
| RE DI SCCART | -187.38 | 166.17 | 1.2 |
| RE DI SCCART | -188.8  | 164.76 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -190.92 | 162.63 | 1.2 |
| RE DI SCCART | -194.45 | 159.1  | 1.2 |
| RE DI SCCART | -197.99 | 155.56 | 1.2 |
| RE DI SCCART | -205.06 | 148.49 | 1.2 |
| RE DI SCCART | -212.13 | 141.42 | 1.2 |
| RE DI SCCART | -219.2  | 134.35 | 1.2 |
| RE DI SCCART | -226.27 | 127.28 | 1.2 |
| RE DI SCCART | -233.35 | 120.21 | 1.2 |
| RE DI SCCART | -240.42 | 113.14 | 1.2 |
| RE DI SCCART | -247.49 | 106.07 | 1.2 |
| RE DI SCCART | -98.99  | 240.42 | 1.2 |
| RE DI SCCART | -106.07 | 233.35 | 1.2 |
| RE DI SCCART | -113.14 | 226.27 | 1.2 |
| RE DI SCCART | -120.21 | 219.2  | 1.2 |
| RE DI SCCART | -127.28 | 212.13 | 1.2 |
| RE DI SCCART | -134.35 | 205.06 | 1.2 |
| RE DI SCCART | -141.42 | 197.99 | 1.2 |
| RE DI SCCART | -148.49 | 190.92 | 1.2 |
| RE DI SCCART | -152.03 | 187.38 | 1.2 |
| RE DI SCCART | -155.56 | 183.85 | 1.2 |
| RE DI SCCART | -157.68 | 181.73 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -159.1  | 180.31 | 1.2 |
| RE DI SCCART | -160.51 | 178.9  | 1.2 |
| RE DI SCCART | -161.93 | 177.48 | 1.2 |
| RE DI SCCART | -163.34 | 176.07 | 1.2 |
| RE DI SCCART | -176.07 | 163.34 | 1.2 |
| RE DI SCCART | -177.48 | 161.93 | 1.2 |
| RE DI SCCART | -178.9  | 160.51 | 1.2 |
| RE DI SCCART | -180.31 | 159.1  | 1.2 |
| RE DI SCCART | -181.73 | 157.68 | 1.2 |
| RE DI SCCART | -183.85 | 155.56 | 1.2 |
| RE DI SCCART | -187.38 | 152.03 | 1.2 |
| RE DI SCCART | -190.92 | 148.49 | 1.2 |
| RE DI SCCART | -197.99 | 141.42 | 1.2 |
| RE DI SCCART | -205.06 | 134.35 | 1.2 |
| RE DI SCCART | -212.13 | 127.28 | 1.2 |
| RE DI SCCART | -219.2  | 120.21 | 1.2 |
| RE DI SCCART | -226.27 | 113.14 | 1.2 |
| RE DI SCCART | -233.35 | 106.07 | 1.2 |
| RE DI SCCART | -240.42 | 98.99  | 1.2 |
| RE DI SCCART | -91.92  | 233.35 | 1.2 |
| RE DI SCCART | -98.99  | 226.27 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -106.07 | 219.2  | 1.2 |
| RE DI SCCART | -113.14 | 212.13 | 1.2 |
| RE DI SCCART | -120.21 | 205.06 | 1.2 |
| RE DI SCCART | -127.28 | 197.99 | 1.2 |
| RE DI SCCART | -134.35 | 190.92 | 1.2 |
| RE DI SCCART | -141.42 | 183.85 | 1.2 |
| RE DI SCCART | -144.96 | 180.31 | 1.2 |
| RE DI SCCART | -148.49 | 176.78 | 1.2 |
| RE DI SCCART | -150.61 | 174.66 | 1.2 |
| RE DI SCCART | -152.03 | 173.24 | 1.2 |
| RE DI SCCART | -153.44 | 171.83 | 1.2 |
| RE DI SCCART | -154.86 | 170.41 | 1.2 |
| RE DI SCCART | -156.27 | 169.0  | 1.2 |
| RE DI SCCART | -169.0  | 156.27 | 1.2 |
| RE DI SCCART | -170.41 | 154.86 | 1.2 |
| RE DI SCCART | -171.83 | 153.44 | 1.2 |
| RE DI SCCART | -173.24 | 152.03 | 1.2 |
| RE DI SCCART | -174.66 | 150.61 | 1.2 |
| RE DI SCCART | -176.78 | 148.49 | 1.2 |
| RE DI SCCART | -180.31 | 144.96 | 1.2 |
| RE DI SCCART | -183.85 | 141.42 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -190.92 | 134.35 | 1.2 |
| RE DI SCCART | -197.99 | 127.28 | 1.2 |
| RE DI SCCART | -205.06 | 120.21 | 1.2 |
| RE DI SCCART | -212.13 | 113.14 | 1.2 |
| RE DI SCCART | -219.2  | 106.07 | 1.2 |
| RE DI SCCART | -226.27 | 99.0   | 1.2 |
| RE DI SCCART | -233.35 | 91.92  | 1.2 |
| RE DI SCCART | -84.85  | 226.27 | 1.2 |
| RE DI SCCART | -91.92  | 219.2  | 1.2 |
| RE DI SCCART | -98.99  | 212.13 | 1.2 |
| RE DI SCCART | -106.07 | 205.06 | 1.2 |
| RE DI SCCART | -113.14 | 197.99 | 1.2 |
| RE DI SCCART | -120.21 | 190.92 | 1.2 |
| RE DI SCCART | -127.28 | 183.85 | 1.2 |
| RE DI SCCART | -134.35 | 176.78 | 1.2 |
| RE DI SCCART | -137.89 | 173.24 | 1.2 |
| RE DI SCCART | -141.42 | 169.71 | 1.2 |
| RE DI SCCART | -143.54 | 167.58 | 1.2 |
| RE DI SCCART | -144.96 | 166.17 | 1.2 |
| RE DI SCCART | -146.37 | 164.76 | 1.2 |
| RE DI SCCART | -147.79 | 163.34 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -149.2  | 161.93 | 1.2 |
| RE DI SCCART | -161.93 | 149.2  | 1.2 |
| RE DI SCCART | -163.34 | 147.79 | 1.2 |
| RE DI SCCART | -164.76 | 146.37 | 1.2 |
| RE DI SCCART | -166.17 | 144.96 | 1.2 |
| RE DI SCCART | -167.58 | 143.54 | 1.2 |
| RE DI SCCART | -169.71 | 141.42 | 1.2 |
| RE DI SCCART | -173.24 | 137.89 | 1.2 |
| RE DI SCCART | -176.78 | 134.35 | 1.2 |
| RE DI SCCART | -183.85 | 127.28 | 1.2 |
| RE DI SCCART | -190.92 | 120.21 | 1.2 |
| RE DI SCCART | -197.99 | 113.14 | 1.2 |
| RE DI SCCART | -205.06 | 106.07 | 1.2 |
| RE DI SCCART | -212.13 | 99.0   | 1.2 |
| RE DI SCCART | -219.2  | 91.92  | 1.2 |
| RE DI SCCART | -226.27 | 84.85  | 1.2 |
| RE DI SCCART | -77.78  | 219.2  | 1.2 |
| RE DI SCCART | -84.85  | 212.13 | 1.2 |
| RE DI SCCART | -91.92  | 205.06 | 1.2 |
| RE DI SCCART | -98.99  | 197.99 | 1.2 |
| RE DI SCCART | -106.07 | 190.92 | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -113.14 | 183.85 | 1.2 |
| RE DI SCCART | -120.21 | 176.78 | 1.2 |
| RE DI SCCART | -127.28 | 169.71 | 1.2 |
| RE DI SCCART | -130.81 | 166.17 | 1.2 |
| RE DI SCCART | -134.35 | 162.63 | 1.2 |
| RE DI SCCART | -136.47 | 160.51 | 1.2 |
| RE DI SCCART | -137.89 | 159.1  | 1.2 |
| RE DI SCCART | -139.3  | 157.68 | 1.2 |
| RE DI SCCART | -140.71 | 156.27 | 1.2 |
| RE DI SCCART | -142.13 | 154.86 | 1.2 |
| RE DI SCCART | -154.86 | 142.13 | 1.2 |
| RE DI SCCART | -156.27 | 140.71 | 1.2 |
| RE DI SCCART | -157.68 | 139.3  | 1.2 |
| RE DI SCCART | -159.1  | 137.89 | 1.2 |
| RE DI SCCART | -160.51 | 136.47 | 1.2 |
| RE DI SCCART | -162.63 | 134.35 | 1.2 |
| RE DI SCCART | -166.17 | 130.81 | 1.2 |
| RE DI SCCART | -169.71 | 127.28 | 1.2 |
| RE DI SCCART | -176.78 | 120.21 | 1.2 |
| RE DI SCCART | -183.85 | 113.14 | 1.2 |
| RE DI SCCART | -190.92 | 106.07 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -197.99 | 99.0   | 1.2 |
| RE DI SCCART | -205.06 | 91.92  | 1.2 |
| RE DI SCCART | -212.13 | 84.85  | 1.2 |
| RE DI SCCART | -219.2  | 77.78  | 1.2 |
| RE DI SCCART | -70.71  | 212.13 | 1.2 |
| RE DI SCCART | -77.78  | 205.06 | 1.2 |
| RE DI SCCART | -84.85  | 197.99 | 1.2 |
| RE DI SCCART | -91.92  | 190.92 | 1.2 |
| RE DI SCCART | -98.99  | 183.85 | 1.2 |
| RE DI SCCART | -106.07 | 176.78 | 1.2 |
| RE DI SCCART | -113.14 | 169.71 | 1.2 |
| RE DI SCCART | -120.21 | 162.63 | 1.2 |
| RE DI SCCART | -123.74 | 159.1  | 1.2 |
| RE DI SCCART | -127.28 | 155.56 | 1.2 |
| RE DI SCCART | -129.4  | 153.44 | 1.2 |
| RE DI SCCART | -130.81 | 152.03 | 1.2 |
| RE DI SCCART | -132.23 | 150.61 | 1.2 |
| RE DI SCCART | -133.64 | 149.2  | 1.2 |
| RE DI SCCART | -135.06 | 147.79 | 1.2 |
| RE DI SCCART | -147.79 | 135.06 | 1.2 |
| RE DI SCCART | -149.2  | 133.64 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -150.61 | 132.23 | 1.2 |
| RE DI SCCART | -152.03 | 130.81 | 1.2 |
| RE DI SCCART | -153.44 | 129.4  | 1.2 |
| RE DI SCCART | -155.56 | 127.28 | 1.2 |
| RE DI SCCART | -159.1  | 123.74 | 1.2 |
| RE DI SCCART | -162.63 | 120.21 | 1.2 |
| RE DI SCCART | -169.71 | 113.14 | 1.2 |
| RE DI SCCART | -176.78 | 106.07 | 1.2 |
| RE DI SCCART | -183.85 | 98.99  | 1.2 |
| RE DI SCCART | -190.92 | 91.92  | 1.2 |
| RE DI SCCART | -197.99 | 84.85  | 1.2 |
| RE DI SCCART | -205.06 | 77.78  | 1.2 |
| RE DI SCCART | -212.13 | 70.71  | 1.2 |
| RE DI SCCART | -63.64  | 205.06 | 1.2 |
| RE DI SCCART | -70.71  | 197.99 | 1.2 |
| RE DI SCCART | -77.78  | 190.92 | 1.2 |
| RE DI SCCART | -84.85  | 183.85 | 1.2 |
| RE DI SCCART | -91.92  | 176.78 | 1.2 |
| RE DI SCCART | -98.99  | 169.71 | 1.2 |
| RE DI SCCART | -106.07 | 162.63 | 1.2 |
| RE DI SCCART | -113.14 | 155.56 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -116.67 | 152.03 | 1.2 |
| RE DI SCCART | -120.21 | 148.49 | 1.2 |
| RE DI SCCART | -122.33 | 146.37 | 1.2 |
| RE DI SCCART | -123.74 | 144.96 | 1.2 |
| RE DI SCCART | -125.16 | 143.54 | 1.2 |
| RE DI SCCART | -126.57 | 142.13 | 1.2 |
| RE DI SCCART | -127.99 | 140.71 | 1.2 |
| RE DI SCCART | -140.71 | 127.99 | 1.2 |
| RE DI SCCART | -142.13 | 126.57 | 1.2 |
| RE DI SCCART | -143.54 | 125.16 | 1.2 |
| RE DI SCCART | -144.96 | 123.74 | 1.2 |
| RE DI SCCART | -146.37 | 122.33 | 1.2 |
| RE DI SCCART | -148.49 | 120.21 | 1.2 |
| RE DI SCCART | -152.03 | 116.67 | 1.2 |
| RE DI SCCART | -155.56 | 113.14 | 1.2 |
| RE DI SCCART | -162.63 | 106.07 | 1.2 |
| RE DI SCCART | -169.71 | 98.99  | 1.2 |
| RE DI SCCART | -176.78 | 91.92  | 1.2 |
| RE DI SCCART | -183.85 | 84.85  | 1.2 |
| RE DI SCCART | -190.92 | 77.78  | 1.2 |
| RE DI SCCART | -197.99 | 70.71  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -205.06 | 63.64  | 1.2 |
| RE DI SCCART | -56.57  | 197.99 | 1.2 |
| RE DI SCCART | -63.64  | 190.92 | 1.2 |
| RE DI SCCART | -70.71  | 183.85 | 1.2 |
| RE DI SCCART | -77.78  | 176.78 | 1.2 |
| RE DI SCCART | -84.85  | 169.71 | 1.2 |
| RE DI SCCART | -91.92  | 162.63 | 1.2 |
| RE DI SCCART | -98.99  | 155.56 | 1.2 |
| RE DI SCCART | -106.07 | 148.49 | 1.2 |
| RE DI SCCART | -109.6  | 144.96 | 1.2 |
| RE DI SCCART | -113.14 | 141.42 | 1.2 |
| RE DI SCCART | -115.26 | 139.3  | 1.2 |
| RE DI SCCART | -116.67 | 137.89 | 1.2 |
| RE DI SCCART | -118.09 | 136.47 | 1.2 |
| RE DI SCCART | -119.5  | 135.06 | 1.2 |
| RE DI SCCART | -120.92 | 133.64 | 1.2 |
| RE DI SCCART | -133.64 | 120.92 | 1.2 |
| RE DI SCCART | -135.06 | 119.5  | 1.2 |
| RE DI SCCART | -136.47 | 118.09 | 1.2 |
| RE DI SCCART | -137.89 | 116.67 | 1.2 |
| RE DI SCCART | -139.3  | 115.26 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -141.42 | 113.14 | 1.2 |
| RE DI SCCART | -144.96 | 109.6  | 1.2 |
| RE DI SCCART | -148.49 | 106.07 | 1.2 |
| RE DI SCCART | -155.56 | 98.99  | 1.2 |
| RE DI SCCART | -162.63 | 91.92  | 1.2 |
| RE DI SCCART | -169.71 | 84.85  | 1.2 |
| RE DI SCCART | -176.78 | 77.78  | 1.2 |
| RE DI SCCART | -183.85 | 70.71  | 1.2 |
| RE DI SCCART | -190.92 | 63.64  | 1.2 |
| RE DI SCCART | -197.99 | 56.57  | 1.2 |
| RE DI SCCART | -49.5   | 190.92 | 1.2 |
| RE DI SCCART | -56.57  | 183.85 | 1.2 |
| RE DI SCCART | -63.64  | 176.78 | 1.2 |
| RE DI SCCART | -70.71  | 169.71 | 1.2 |
| RE DI SCCART | -77.78  | 162.63 | 1.2 |
| RE DI SCCART | -84.85  | 155.56 | 1.2 |
| RE DI SCCART | -91.92  | 148.49 | 1.2 |
| RE DI SCCART | -98.99  | 141.42 | 1.2 |
| RE DI SCCART | -102.53 | 137.89 | 1.2 |
| RE DI SCCART | -106.07 | 134.35 | 1.2 |
| RE DI SCCART | -108.19 | 132.23 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -109.6  | 130.81 | 1.2 |
| RE DI SCCART | -111.02 | 129.4  | 1.2 |
| RE DI SCCART | -112.43 | 127.99 | 1.2 |
| RE DI SCCART | -113.84 | 126.57 | 1.2 |
| RE DI SCCART | -126.57 | 113.84 | 1.2 |
| RE DI SCCART | -127.99 | 112.43 | 1.2 |
| RE DI SCCART | -129.4  | 111.02 | 1.2 |
| RE DI SCCART | -130.81 | 109.6  | 1.2 |
| RE DI SCCART | -132.23 | 108.19 | 1.2 |
| RE DI SCCART | -134.35 | 106.07 | 1.2 |
| RE DI SCCART | -137.89 | 102.53 | 1.2 |
| RE DI SCCART | -141.42 | 98.99  | 1.2 |
| RE DI SCCART | -148.49 | 91.92  | 1.2 |
| RE DI SCCART | -155.56 | 84.85  | 1.2 |
| RE DI SCCART | -162.63 | 77.78  | 1.2 |
| RE DI SCCART | -169.71 | 70.71  | 1.2 |
| RE DI SCCART | -176.78 | 63.64  | 1.2 |
| RE DI SCCART | -183.85 | 56.57  | 1.2 |
| RE DI SCCART | -190.92 | 49.5   | 1.2 |
| RE DI SCCART | -42.43  | 183.85 | 1.2 |
| RE DI SCCART | -49.5   | 176.78 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -56.57  | 169.71 | 1.2 |
| RE DI SCCART | -63.64  | 162.63 | 1.2 |
| RE DI SCCART | -70.71  | 155.56 | 1.2 |
| RE DI SCCART | -77.78  | 148.49 | 1.2 |
| RE DI SCCART | -84.85  | 141.42 | 1.2 |
| RE DI SCCART | -91.92  | 134.35 | 1.2 |
| RE DI SCCART | -95.46  | 130.81 | 1.2 |
| RE DI SCCART | -98.99  | 127.28 | 1.2 |
| RE DI SCCART | -101.12 | 125.16 | 1.2 |
| RE DI SCCART | -102.53 | 123.74 | 1.2 |
| RE DI SCCART | -103.94 | 122.33 | 1.2 |
| RE DI SCCART | -105.36 | 120.92 | 1.2 |
| RE DI SCCART | -106.77 | 119.5  | 1.2 |
| RE DI SCCART | -119.5  | 106.77 | 1.2 |
| RE DI SCCART | -120.92 | 105.36 | 1.2 |
| RE DI SCCART | -122.33 | 103.94 | 1.2 |
| RE DI SCCART | -123.74 | 102.53 | 1.2 |
| RE DI SCCART | -125.16 | 101.12 | 1.2 |
| RE DI SCCART | -127.28 | 98.99  | 1.2 |
| RE DI SCCART | -130.81 | 95.46  | 1.2 |
| RE DI SCCART | -134.35 | 91.92  | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -141.42 | 84.85  | 1.2 |
| RE DI SCCART | -148.49 | 77.78  | 1.2 |
| RE DI SCCART | -155.56 | 70.71  | 1.2 |
| RE DI SCCART | -162.63 | 63.64  | 1.2 |
| RE DI SCCART | -169.71 | 56.57  | 1.2 |
| RE DI SCCART | -176.78 | 49.5   | 1.2 |
| RE DI SCCART | -183.85 | 42.43  | 1.2 |
| RE DI SCCART | -35.36  | 176.78 | 1.2 |
| RE DI SCCART | -42.43  | 169.71 | 1.2 |
| RE DI SCCART | -49.5   | 162.63 | 1.2 |
| RE DI SCCART | -56.57  | 155.56 | 1.2 |
| RE DI SCCART | -63.64  | 148.49 | 1.2 |
| RE DI SCCART | -70.71  | 141.42 | 1.2 |
| RE DI SCCART | -77.78  | 134.35 | 1.2 |
| RE DI SCCART | -84.85  | 127.28 | 1.2 |
| RE DI SCCART | -88.39  | 123.74 | 1.2 |
| RE DI SCCART | -91.92  | 120.21 | 1.2 |
| RE DI SCCART | -94.05  | 118.09 | 1.2 |
| RE DI SCCART | -95.46  | 116.67 | 1.2 |
| RE DI SCCART | -96.87  | 115.26 | 1.2 |
| RE DI SCCART | -98.29  | 113.84 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -99.7   | 112.43 | 1.2 |
| RE DI SCCART | -112.43 | 99.7   | 1.2 |
| RE DI SCCART | -113.84 | 98.29  | 1.2 |
| RE DI SCCART | -115.26 | 96.87  | 1.2 |
| RE DI SCCART | -116.67 | 95.46  | 1.2 |
| RE DI SCCART | -118.09 | 94.05  | 1.2 |
| RE DI SCCART | -120.21 | 91.92  | 1.2 |
| RE DI SCCART | -123.74 | 88.39  | 1.2 |
| RE DI SCCART | -127.28 | 84.85  | 1.2 |
| RE DI SCCART | -134.35 | 77.78  | 1.2 |
| RE DI SCCART | -141.42 | 70.71  | 1.2 |
| RE DI SCCART | -148.49 | 63.64  | 1.2 |
| RE DI SCCART | -155.56 | 56.57  | 1.2 |
| RE DI SCCART | -162.63 | 49.5   | 1.2 |
| RE DI SCCART | -169.71 | 42.43  | 1.2 |
| RE DI SCCART | -176.78 | 35.36  | 1.2 |
| RE DI SCCART | -28.28  | 169.71 | 1.2 |
| RE DI SCCART | -35.36  | 162.63 | 1.2 |
| RE DI SCCART | -42.43  | 155.56 | 1.2 |
| RE DI SCCART | -49.5   | 148.49 | 1.2 |
| RE DI SCCART | -56.57  | 141.42 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -63.64  | 134.35 | 1.2 |
| RE DI SCCART | -70.71  | 127.28 | 1.2 |
| RE DI SCCART | -77.78  | 120.21 | 1.2 |
| RE DI SCCART | -81.32  | 116.67 | 1.2 |
| RE DI SCCART | -84.85  | 113.14 | 1.2 |
| RE DI SCCART | -86.97  | 111.02 | 1.2 |
| RE DI SCCART | -88.39  | 109.6  | 1.2 |
| RE DI SCCART | -89.8   | 108.19 | 1.2 |
| RE DI SCCART | -91.22  | 106.77 | 1.2 |
| RE DI SCCART | -92.63  | 105.36 | 1.2 |
| RE DI SCCART | -105.36 | 92.63  | 1.2 |
| RE DI SCCART | -106.77 | 91.22  | 1.2 |
| RE DI SCCART | -108.19 | 89.8   | 1.2 |
| RE DI SCCART | -109.6  | 88.39  | 1.2 |
| RE DI SCCART | -111.02 | 86.97  | 1.2 |
| RE DI SCCART | -113.14 | 84.85  | 1.2 |
| RE DI SCCART | -116.67 | 81.32  | 1.2 |
| RE DI SCCART | -120.21 | 77.78  | 1.2 |
| RE DI SCCART | -127.28 | 70.71  | 1.2 |
| RE DI SCCART | -134.35 | 63.64  | 1.2 |
| RE DI SCCART | -141.42 | 56.57  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -148.49 | 49.5   | 1.2 |
| RE DI SCCART | -155.56 | 42.43  | 1.2 |
| RE DI SCCART | -162.63 | 35.36  | 1.2 |
| RE DI SCCART | -169.71 | 28.28  | 1.2 |
| RE DI SCCART | -21.21  | 162.63 | 1.2 |
| RE DI SCCART | -28.28  | 155.56 | 1.2 |
| RE DI SCCART | -35.36  | 148.49 | 1.2 |
| RE DI SCCART | -42.43  | 141.42 | 1.2 |
| RE DI SCCART | -49.5   | 134.35 | 1.2 |
| RE DI SCCART | -56.57  | 127.28 | 1.2 |
| RE DI SCCART | -63.64  | 120.21 | 1.2 |
| RE DI SCCART | -70.71  | 113.14 | 1.2 |
| RE DI SCCART | -74.25  | 109.6  | 1.2 |
| RE DI SCCART | -77.78  | 106.07 | 1.2 |
| RE DI SCCART | -79.9   | 103.94 | 1.2 |
| RE DI SCCART | -81.32  | 102.53 | 1.2 |
| RE DI SCCART | -82.73  | 101.12 | 1.2 |
| RE DI SCCART | -84.15  | 99.7   | 1.2 |
| RE DI SCCART | -85.56  | 98.29  | 1.2 |
| RE DI SCCART | -98.29  | 85.56  | 1.2 |
| RE DI SCCART | -99.7   | 84.15  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -101.12 | 82.73  | 1.2 |
| RE DI SCCART | -102.53 | 81.32  | 1.2 |
| RE DI SCCART | -103.94 | 79.9   | 1.2 |
| RE DI SCCART | -106.07 | 77.78  | 1.2 |
| RE DI SCCART | -109.6  | 74.25  | 1.2 |
| RE DI SCCART | -113.14 | 70.71  | 1.2 |
| RE DI SCCART | -120.21 | 63.64  | 1.2 |
| RE DI SCCART | -127.28 | 56.57  | 1.2 |
| RE DI SCCART | -134.35 | 49.5   | 1.2 |
| RE DI SCCART | -141.42 | 42.43  | 1.2 |
| RE DI SCCART | -148.49 | 35.36  | 1.2 |
| RE DI SCCART | -155.56 | 28.28  | 1.2 |
| RE DI SCCART | -162.63 | 21.21  | 1.2 |
| RE DI SCCART | -14.14  | 155.56 | 1.2 |
| RE DI SCCART | -21.21  | 148.49 | 1.2 |
| RE DI SCCART | -28.28  | 141.42 | 1.2 |
| RE DI SCCART | -35.36  | 134.35 | 1.2 |
| RE DI SCCART | -42.43  | 127.28 | 1.2 |
| RE DI SCCART | -49.5   | 120.21 | 1.2 |
| RE DI SCCART | -56.57  | 113.14 | 1.2 |
| RE DI SCCART | -63.64  | 106.07 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -67.18  | 102.53 | 1.2 |
| RE DI SCCART | -70.71  | 98.99  | 1.2 |
| RE DI SCCART | -72.83  | 96.87  | 1.2 |
| RE DI SCCART | -74.25  | 95.46  | 1.2 |
| RE DI SCCART | -75.66  | 94.05  | 1.2 |
| RE DI SCCART | -77.07  | 92.63  | 1.2 |
| RE DI SCCART | -78.49  | 91.22  | 1.2 |
| RE DI SCCART | -91.22  | 78.49  | 1.2 |
| RE DI SCCART | -92.63  | 77.07  | 1.2 |
| RE DI SCCART | -94.05  | 75.66  | 1.2 |
| RE DI SCCART | -95.46  | 74.25  | 1.2 |
| RE DI SCCART | -96.87  | 72.83  | 1.2 |
| RE DI SCCART | -98.99  | 70.71  | 1.2 |
| RE DI SCCART | -102.53 | 67.18  | 1.2 |
| RE DI SCCART | -106.07 | 63.64  | 1.2 |
| RE DI SCCART | -113.14 | 56.57  | 1.2 |
| RE DI SCCART | -120.21 | 49.5   | 1.2 |
| RE DI SCCART | -127.28 | 42.43  | 1.2 |
| RE DI SCCART | -134.35 | 35.36  | 1.2 |
| RE DI SCCART | -141.42 | 28.28  | 1.2 |
| RE DI SCCART | -148.49 | 21.21  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -155.56 | 14.14  | 1.2 |
| RE DI SCCART | -7.07   | 148.49 | 1.2 |
| RE DI SCCART | -14.14  | 141.42 | 1.2 |
| RE DI SCCART | -21.21  | 134.35 | 1.2 |
| RE DI SCCART | -28.28  | 127.28 | 1.2 |
| RE DI SCCART | -35.36  | 120.21 | 1.2 |
| RE DI SCCART | -42.43  | 113.14 | 1.2 |
| RE DI SCCART | -49.5   | 106.07 | 1.2 |
| RE DI SCCART | -56.57  | 98.99  | 1.2 |
| RE DI SCCART | -60.1   | 95.46  | 1.2 |
| RE DI SCCART | -63.64  | 91.92  | 1.2 |
| RE DI SCCART | -65.76  | 89.8   | 1.2 |
| RE DI SCCART | -67.18  | 88.39  | 1.2 |
| RE DI SCCART | -68.59  | 86.97  | 1.2 |
| RE DI SCCART | -70.0   | 85.56  | 1.2 |
| RE DI SCCART | -71.42  | 84.15  | 1.2 |
| RE DI SCCART | -84.15  | 71.42  | 1.2 |
| RE DI SCCART | -85.56  | 70.0   | 1.2 |
| RE DI SCCART | -86.97  | 68.59  | 1.2 |
| RE DI SCCART | -88.39  | 67.18  | 1.2 |
| RE DI SCCART | -89.8   | 65.76  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -91.92  | 63.64  | 1.2 |
| RE DI SCCART | -95.46  | 60.1   | 1.2 |
| RE DI SCCART | -98.99  | 56.57  | 1.2 |
| RE DI SCCART | -106.07 | 49.5   | 1.2 |
| RE DI SCCART | -113.14 | 42.43  | 1.2 |
| RE DI SCCART | -120.21 | 35.36  | 1.2 |
| RE DI SCCART | -127.28 | 28.28  | 1.2 |
| RE DI SCCART | -134.35 | 21.21  | 1.2 |
| RE DI SCCART | -141.42 | 14.14  | 1.2 |
| RE DI SCCART | -148.49 | 7.07   | 1.2 |
| RE DI SCCART | 0.0     | 141.42 | 1.2 |
| RE DI SCCART | -7.07   | 134.35 | 1.2 |
| RE DI SCCART | -14.14  | 127.28 | 1.2 |
| RE DI SCCART | -21.21  | 120.21 | 1.2 |
| RE DI SCCART | -28.28  | 113.14 | 1.2 |
| RE DI SCCART | -35.36  | 106.07 | 1.2 |
| RE DI SCCART | -42.43  | 98.99  | 1.2 |
| RE DI SCCART | -49.5   | 91.92  | 1.2 |
| RE DI SCCART | -53.03  | 88.39  | 1.2 |
| RE DI SCCART | -56.57  | 84.85  | 1.2 |
| RE DI SCCART | -58.69  | 82.73  | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -60.1   | 81.32  | 1.2 |
| RE DI SCCART | -61.52  | 79.9   | 1.2 |
| RE DI SCCART | -62.93  | 78.49  | 1.2 |
| RE DI SCCART | -64.35  | 77.07  | 1.2 |
| RE DI SCCART | -77.07  | 64.35  | 1.2 |
| RE DI SCCART | -78.49  | 62.93  | 1.2 |
| RE DI SCCART | -79.9   | 61.52  | 1.2 |
| RE DI SCCART | -81.32  | 60.1   | 1.2 |
| RE DI SCCART | -82.73  | 58.69  | 1.2 |
| RE DI SCCART | -84.85  | 56.57  | 1.2 |
| RE DI SCCART | -88.39  | 53.03  | 1.2 |
| RE DI SCCART | -91.92  | 49.5   | 1.2 |
| RE DI SCCART | -98.99  | 42.43  | 1.2 |
| RE DI SCCART | -106.07 | 35.36  | 1.2 |
| RE DI SCCART | -113.14 | 28.28  | 1.2 |
| RE DI SCCART | -120.21 | 21.21  | 1.2 |
| RE DI SCCART | -127.28 | 14.14  | 1.2 |
| RE DI SCCART | -134.35 | 7.07   | 1.2 |
| RE DI SCCART | -141.42 | 0.0    | 1.2 |
| RE DI SCCART | 7.07    | 134.35 | 1.2 |
| RE DI SCCART | 0.0     | 127.28 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -7.07  | 120.21 | 1.2 |
| RE DI SCCART | -14.14 | 113.14 | 1.2 |
| RE DI SCCART | -21.21 | 106.07 | 1.2 |
| RE DI SCCART | -28.28 | 98.99  | 1.2 |
| RE DI SCCART | -35.36 | 91.92  | 1.2 |
| RE DI SCCART | -42.43 | 84.85  | 1.2 |
| RE DI SCCART | -45.96 | 81.32  | 1.2 |
| RE DI SCCART | -49.5  | 77.78  | 1.2 |
| RE DI SCCART | -51.62 | 75.66  | 1.2 |
| RE DI SCCART | -53.03 | 74.25  | 1.2 |
| RE DI SCCART | -54.45 | 72.83  | 1.2 |
| RE DI SCCART | -55.86 | 71.42  | 1.2 |
| RE DI SCCART | -57.28 | 70.0   | 1.2 |
| RE DI SCCART | -70.0  | 57.28  | 1.2 |
| RE DI SCCART | -71.42 | 55.86  | 1.2 |
| RE DI SCCART | -72.83 | 54.45  | 1.2 |
| RE DI SCCART | -74.25 | 53.03  | 1.2 |
| RE DI SCCART | -75.66 | 51.62  | 1.2 |
| RE DI SCCART | -77.78 | 49.5   | 1.2 |
| RE DI SCCART | -81.32 | 45.96  | 1.2 |
| RE DI SCCART | -84.85 | 42.43  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -91.92  | 35.36  | 1.2 |
| RE DI SCCART | -98.99  | 28.28  | 1.2 |
| RE DI SCCART | -106.07 | 21.21  | 1.2 |
| RE DI SCCART | -113.14 | 14.14  | 1.2 |
| RE DI SCCART | -120.21 | 7.07   | 1.2 |
| RE DI SCCART | -127.28 | 0.0    | 1.2 |
| RE DI SCCART | -134.35 | -7.07  | 1.2 |
| RE DI SCCART | 14.14   | 127.28 | 1.2 |
| RE DI SCCART | 7.07    | 120.21 | 1.2 |
| RE DI SCCART | 0.0     | 113.14 | 1.2 |
| RE DI SCCART | -7.07   | 106.07 | 1.2 |
| RE DI SCCART | -14.14  | 98.99  | 1.2 |
| RE DI SCCART | -21.21  | 91.92  | 1.2 |
| RE DI SCCART | -28.28  | 84.85  | 1.2 |
| RE DI SCCART | -35.36  | 77.78  | 1.2 |
| RE DI SCCART | -38.89  | 74.25  | 1.2 |
| RE DI SCCART | -42.43  | 70.71  | 1.2 |
| RE DI SCCART | -44.55  | 68.59  | 1.2 |
| RE DI SCCART | -45.96  | 67.18  | 1.2 |
| RE DI SCCART | -47.38  | 65.76  | 1.2 |
| RE DI SCCART | -48.79  | 64.35  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -50.2   | 62.93  | 1.2 |
| RE DI SCCART | -62.93  | 50.2   | 1.2 |
| RE DI SCCART | -64.35  | 48.79  | 1.2 |
| RE DI SCCART | -65.76  | 47.38  | 1.2 |
| RE DI SCCART | -67.18  | 45.96  | 1.2 |
| RE DI SCCART | -68.59  | 44.55  | 1.2 |
| RE DI SCCART | -70.71  | 42.43  | 1.2 |
| RE DI SCCART | -74.25  | 38.89  | 1.2 |
| RE DI SCCART | -77.78  | 35.36  | 1.2 |
| RE DI SCCART | -84.85  | 28.28  | 1.2 |
| RE DI SCCART | -91.92  | 21.21  | 1.2 |
| RE DI SCCART | -98.99  | 14.14  | 1.2 |
| RE DI SCCART | -106.07 | 7.07   | 1.2 |
| RE DI SCCART | -113.14 | 0.0    | 1.2 |
| RE DI SCCART | -120.21 | -7.07  | 1.2 |
| RE DI SCCART | -127.28 | -14.14 | 1.2 |
| RE DI SCCART | 21.21   | 120.21 | 1.2 |
| RE DI SCCART | 14.14   | 113.14 | 1.2 |
| RE DI SCCART | 7.07    | 106.07 | 1.2 |
| RE DI SCCART | 0.0     | 98.99  | 1.2 |
| RE DI SCCART | -7.07   | 91.92  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |       |     |
|--------------|--------|-------|-----|
| RE DI SCCART | -14.14 | 84.85 | 1.2 |
| RE DI SCCART | -21.21 | 77.78 | 1.2 |
| RE DI SCCART | -28.28 | 70.71 | 1.2 |
| RE DI SCCART | -31.82 | 67.18 | 1.2 |
| RE DI SCCART | -35.36 | 63.64 | 1.2 |
| RE DI SCCART | -37.48 | 61.52 | 1.2 |
| RE DI SCCART | -38.89 | 60.1  | 1.2 |
| RE DI SCCART | -40.31 | 58.69 | 1.2 |
| RE DI SCCART | -41.72 | 57.28 | 1.2 |
| RE DI SCCART | -43.13 | 55.86 | 1.2 |
| RE DI SCCART | -55.86 | 43.13 | 1.2 |
| RE DI SCCART | -57.28 | 41.72 | 1.2 |
| RE DI SCCART | -58.69 | 40.31 | 1.2 |
| RE DI SCCART | -60.1  | 38.89 | 1.2 |
| RE DI SCCART | -61.52 | 37.48 | 1.2 |
| RE DI SCCART | -63.64 | 35.36 | 1.2 |
| RE DI SCCART | -67.18 | 31.82 | 1.2 |
| RE DI SCCART | -70.71 | 28.28 | 1.2 |
| RE DI SCCART | -77.78 | 21.21 | 1.2 |
| RE DI SCCART | -84.85 | 14.14 | 1.2 |
| RE DI SCCART | -91.92 | 7.07  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

RE DI SCCART -98.99 0.0 1.2

RE DI SCCART -106.07 -7.07 1.2

RE DI SCCART -113.14 -14.14 1.2

RE DI SCCART -120.21 -21.21 1.2

RE DI SCCART 28.28 113.14 1.2

RE DI SCCART 21.21 106.07 1.2

RE DI SCCART 14.14 98.99 1.2

RE DI SCCART 7.07 91.92 1.2

RE DI SCCART 0.0 84.85 1.2

RE DI SCCART -7.07 77.78 1.2

RE DI SCCART -14.14 70.71 1.2

RE DI SCCART -21.21 63.64 1.2

RE DI SCCART -24.75 60.1 1.2

RE DI SCCART -28.28 56.57 1.2

RE DI SCCART -30.41 54.45 1.2

RE DI SCCART -31.82 53.03 1.2

RE DI SCCART -33.23 51.62 1.2

RE DI SCCART -34.65 50.2 1.2

RE DI SCCART -36.06 48.79 1.2

RE DI SCCART -48.79 36.06 1.2

RE DI SCCART -50.2 34.65 1.2

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -51.62  | 33.23  | 1.2 |
| RE DI SCCART | -53.03  | 31.82  | 1.2 |
| RE DI SCCART | -54.45  | 30.41  | 1.2 |
| RE DI SCCART | -56.57  | 28.28  | 1.2 |
| RE DI SCCART | -60.1   | 24.75  | 1.2 |
| RE DI SCCART | -63.64  | 21.21  | 1.2 |
| RE DI SCCART | -70.71  | 14.14  | 1.2 |
| RE DI SCCART | -77.78  | 7.07   | 1.2 |
| RE DI SCCART | -84.85  | 0.0    | 1.2 |
| RE DI SCCART | -91.92  | -7.07  | 1.2 |
| RE DI SCCART | -98.99  | -14.14 | 1.2 |
| RE DI SCCART | -106.07 | -21.21 | 1.2 |
| RE DI SCCART | -113.14 | -28.28 | 1.2 |
| RE DI SCCART | 35.36   | 106.07 | 1.2 |
| RE DI SCCART | 28.28   | 98.99  | 1.2 |
| RE DI SCCART | 21.21   | 91.92  | 1.2 |
| RE DI SCCART | 14.14   | 84.85  | 1.2 |
| RE DI SCCART | 7.07    | 77.78  | 1.2 |
| RE DI SCCART | 0.0     | 70.71  | 1.2 |
| RE DI SCCART | -7.07   | 63.64  | 1.2 |
| RE DI SCCART | -14.14  | 56.57  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -17.68 | 53.03  | 1.2 |
| RE DI SCCART | -21.21 | 49.5   | 1.2 |
| RE DI SCCART | -23.33 | 47.38  | 1.2 |
| RE DI SCCART | -24.75 | 45.96  | 1.2 |
| RE DI SCCART | -26.16 | 44.55  | 1.2 |
| RE DI SCCART | -27.58 | 43.13  | 1.2 |
| RE DI SCCART | -28.99 | 41.72  | 1.2 |
| RE DI SCCART | -41.72 | 28.99  | 1.2 |
| RE DI SCCART | -43.13 | 27.58  | 1.2 |
| RE DI SCCART | -44.55 | 26.16  | 1.2 |
| RE DI SCCART | -45.96 | 24.75  | 1.2 |
| RE DI SCCART | -47.38 | 23.33  | 1.2 |
| RE DI SCCART | -49.5  | 21.21  | 1.2 |
| RE DI SCCART | -53.03 | 17.68  | 1.2 |
| RE DI SCCART | -56.57 | 14.14  | 1.2 |
| RE DI SCCART | -63.64 | 7.07   | 1.2 |
| RE DI SCCART | -70.71 | 0.0    | 1.2 |
| RE DI SCCART | -77.78 | -7.07  | 1.2 |
| RE DI SCCART | -84.85 | -14.14 | 1.2 |
| RE DI SCCART | -91.92 | -21.21 | 1.2 |
| RE DI SCCART | -98.99 | -28.28 | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |         |        |     |
|--------------|---------|--------|-----|
| RE DI SCCART | -106.07 | -35.36 | 1.2 |
| RE DI SCCART | 42.43   | 98.99  | 1.2 |
| RE DI SCCART | 35.36   | 91.92  | 1.2 |
| RE DI SCCART | 28.28   | 84.85  | 1.2 |
| RE DI SCCART | 21.21   | 77.78  | 1.2 |
| RE DI SCCART | 14.14   | 70.71  | 1.2 |
| RE DI SCCART | 7.07    | 63.64  | 1.2 |
| RE DI SCCART | 0.0     | 56.57  | 1.2 |
| RE DI SCCART | -7.07   | 49.5   | 1.2 |
| RE DI SCCART | -10.61  | 45.96  | 1.2 |
| RE DI SCCART | -14.14  | 42.43  | 1.2 |
| RE DI SCCART | -16.26  | 40.31  | 1.2 |
| RE DI SCCART | -17.68  | 38.89  | 1.2 |
| RE DI SCCART | -19.09  | 37.48  | 1.2 |
| RE DI SCCART | -20.51  | 36.06  | 1.2 |
| RE DI SCCART | -21.92  | 34.65  | 1.2 |
| RE DI SCCART | -34.65  | 21.92  | 1.2 |
| RE DI SCCART | -36.06  | 20.51  | 1.2 |
| RE DI SCCART | -37.48  | 19.09  | 1.2 |
| RE DI SCCART | -38.89  | 17.68  | 1.2 |
| RE DI SCCART | -40.31  | 16.26  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -42.43 | 14.14  | 1.2 |
| RE DI SCCART | -45.96 | 10.61  | 1.2 |
| RE DI SCCART | -49.5  | 7.07   | 1.2 |
| RE DI SCCART | -56.57 | 0.0    | 1.2 |
| RE DI SCCART | -63.64 | -7.07  | 1.2 |
| RE DI SCCART | -70.71 | -14.14 | 1.2 |
| RE DI SCCART | -77.78 | -21.21 | 1.2 |
| RE DI SCCART | -84.85 | -28.28 | 1.2 |
| RE DI SCCART | -91.92 | -35.36 | 1.2 |
| RE DI SCCART | -98.99 | -42.43 | 1.2 |
| RE DI SCCART | 49.5   | 91.92  | 1.2 |
| RE DI SCCART | 42.43  | 84.85  | 1.2 |
| RE DI SCCART | 35.36  | 77.78  | 1.2 |
| RE DI SCCART | 28.28  | 70.71  | 1.2 |
| RE DI SCCART | 21.21  | 63.64  | 1.2 |
| RE DI SCCART | 14.14  | 56.57  | 1.2 |
| RE DI SCCART | 7.07   | 49.5   | 1.2 |
| RE DI SCCART | 0.0    | 42.43  | 1.2 |
| RE DI SCCART | -3.54  | 38.89  | 1.2 |
| RE DI SCCART | -7.07  | 35.36  | 1.2 |
| RE DI SCCART | -9.19  | 33.23  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -10.61 | 31.82  | 1.2 |
| RE DI SCCART | -12.02 | 30.41  | 1.2 |
| RE DI SCCART | -13.44 | 28.99  | 1.2 |
| RE DI SCCART | -14.85 | 27.58  | 1.2 |
| RE DI SCCART | -27.58 | 14.85  | 1.2 |
| RE DI SCCART | -28.99 | 13.44  | 1.2 |
| RE DI SCCART | -30.41 | 12.02  | 1.2 |
| RE DI SCCART | -31.82 | 10.61  | 1.2 |
| RE DI SCCART | -33.23 | 9.19   | 1.2 |
| RE DI SCCART | -35.36 | 7.07   | 1.2 |
| RE DI SCCART | -38.89 | 3.54   | 1.2 |
| RE DI SCCART | -42.43 | 0.0    | 1.2 |
| RE DI SCCART | -49.5  | -7.07  | 1.2 |
| RE DI SCCART | -56.57 | -14.14 | 1.2 |
| RE DI SCCART | -63.64 | -21.21 | 1.2 |
| RE DI SCCART | -70.71 | -28.28 | 1.2 |
| RE DI SCCART | -77.78 | -35.36 | 1.2 |
| RE DI SCCART | -84.85 | -42.43 | 1.2 |
| RE DI SCCART | -91.92 | -49.5  | 1.2 |
| RE DI SCCART | 56.57  | 84.85  | 1.2 |
| RE DI SCCART | 49.5   | 77.78  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |       |     |
|--------------|--------|-------|-----|
| RE DI SCCART | 42.43  | 70.71 | 1.2 |
| RE DI SCCART | 35.36  | 63.64 | 1.2 |
| RE DI SCCART | 28.28  | 56.57 | 1.2 |
| RE DI SCCART | 21.21  | 49.5  | 1.2 |
| RE DI SCCART | 14.14  | 42.43 | 1.2 |
| RE DI SCCART | 7.07   | 35.36 | 1.2 |
| RE DI SCCART | 3.54   | 31.82 | 1.2 |
| RE DI SCCART | 0.0    | 28.28 | 1.2 |
| RE DI SCCART | -2.12  | 26.16 | 1.2 |
| RE DI SCCART | -3.54  | 24.75 | 1.2 |
| RE DI SCCART | -4.95  | 23.33 | 1.2 |
| RE DI SCCART | -6.36  | 21.92 | 1.2 |
| RE DI SCCART | -7.78  | 20.51 | 1.2 |
| RE DI SCCART | -20.51 | 7.78  | 1.2 |
| RE DI SCCART | -21.92 | 6.36  | 1.2 |
| RE DI SCCART | -23.33 | 4.95  | 1.2 |
| RE DI SCCART | -24.75 | 3.54  | 1.2 |
| RE DI SCCART | -26.16 | 2.12  | 1.2 |
| RE DI SCCART | -28.28 | 0.0   | 1.2 |
| RE DI SCCART | -31.82 | -3.54 | 1.2 |
| RE DI SCCART | -35.36 | -7.07 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -42.43 | -14.14 | 1.2 |
| RE DI SCCART | -49.5  | -21.21 | 1.2 |
| RE DI SCCART | -56.57 | -28.28 | 1.2 |
| RE DI SCCART | -63.64 | -35.36 | 1.2 |
| RE DI SCCART | -70.71 | -42.43 | 1.2 |
| RE DI SCCART | -77.78 | -49.5  | 1.2 |
| RE DI SCCART | -84.85 | -56.57 | 1.2 |
| RE DI SCCART | 63.64  | 77.78  | 1.2 |
| RE DI SCCART | 56.57  | 70.71  | 1.2 |
| RE DI SCCART | 49.5   | 63.64  | 1.2 |
| RE DI SCCART | 42.43  | 56.57  | 1.2 |
| RE DI SCCART | 35.36  | 49.5   | 1.2 |
| RE DI SCCART | 28.28  | 42.43  | 1.2 |
| RE DI SCCART | 21.21  | 35.36  | 1.2 |
| RE DI SCCART | 14.14  | 28.28  | 1.2 |
| RE DI SCCART | 10.61  | 24.75  | 1.2 |
| RE DI SCCART | 7.07   | 21.21  | 1.2 |
| RE DI SCCART | 4.95   | 19.09  | 1.2 |
| RE DI SCCART | 3.54   | 17.68  | 1.2 |
| RE DI SCCART | 2.12   | 16.26  | 1.2 |
| RE DI SCCART | 0.71   | 14.85  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -0.71  | 13.44  | 1.2 |
| RE DI SCCART | -13.44 | 0.71   | 1.2 |
| RE DI SCCART | -14.85 | -0.71  | 1.2 |
| RE DI SCCART | -16.26 | -2.12  | 1.2 |
| RE DI SCCART | -17.68 | -3.54  | 1.2 |
| RE DI SCCART | -19.09 | -4.95  | 1.2 |
| RE DI SCCART | -21.21 | -7.07  | 1.2 |
| RE DI SCCART | -24.75 | -10.61 | 1.2 |
| RE DI SCCART | -28.28 | -14.14 | 1.2 |
| RE DI SCCART | -35.36 | -21.21 | 1.2 |
| RE DI SCCART | -42.43 | -28.28 | 1.2 |
| RE DI SCCART | -49.5  | -35.36 | 1.2 |
| RE DI SCCART | -56.57 | -42.43 | 1.2 |
| RE DI SCCART | -63.64 | -49.5  | 1.2 |
| RE DI SCCART | -70.71 | -56.57 | 1.2 |
| RE DI SCCART | -77.78 | -63.64 | 1.2 |
| RE DI SCCART | 70.71  | 70.71  | 1.2 |
| RE DI SCCART | 63.64  | 63.64  | 1.2 |
| RE DI SCCART | 56.57  | 56.57  | 1.2 |
| RE DI SCCART | 49.5   | 49.5   | 1.2 |
| RE DI SCCART | 42.43  | 42.43  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | 35.36  | 35.36  | 1.2 |
| RE DI SCCART | 28.28  | 28.28  | 1.2 |
| RE DI SCCART | 21.21  | 21.21  | 1.2 |
| RE DI SCCART | 17.68  | 17.68  | 1.2 |
| RE DI SCCART | 14.14  | 14.14  | 1.2 |
| RE DI SCCART | 12.02  | 12.02  | 1.2 |
| RE DI SCCART | 10.61  | 10.61  | 1.2 |
| RE DI SCCART | 9.19   | 9.19   | 1.2 |
| RE DI SCCART | 7.78   | 7.78   | 1.2 |
| RE DI SCCART | 6.36   | 6.36   | 1.2 |
| RE DI SCCART | -6.36  | -6.36  | 1.2 |
| RE DI SCCART | -7.78  | -7.78  | 1.2 |
| RE DI SCCART | -9.19  | -9.19  | 1.2 |
| RE DI SCCART | -10.61 | -10.61 | 1.2 |
| RE DI SCCART | -12.02 | -12.02 | 1.2 |
| RE DI SCCART | -14.14 | -14.14 | 1.2 |
| RE DI SCCART | -17.68 | -17.68 | 1.2 |
| RE DI SCCART | -21.21 | -21.21 | 1.2 |
| RE DI SCCART | -28.28 | -28.28 | 1.2 |
| RE DI SCCART | -35.36 | -35.36 | 1.2 |
| RE DI SCCART | -42.43 | -42.43 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -49.5  | -49.5  | 1.2 |
| RE DI SCCART | -56.57 | -56.57 | 1.2 |
| RE DI SCCART | -63.64 | -63.64 | 1.2 |
| RE DI SCCART | -70.71 | -70.71 | 1.2 |
| RE DI SCCART | 77.78  | 63.64  | 1.2 |
| RE DI SCCART | 70.71  | 56.57  | 1.2 |
| RE DI SCCART | 63.64  | 49.5   | 1.2 |
| RE DI SCCART | 56.57  | 42.43  | 1.2 |
| RE DI SCCART | 49.5   | 35.36  | 1.2 |
| RE DI SCCART | 42.43  | 28.28  | 1.2 |
| RE DI SCCART | 35.36  | 21.21  | 1.2 |
| RE DI SCCART | 28.28  | 14.14  | 1.2 |
| RE DI SCCART | 24.75  | 10.61  | 1.2 |
| RE DI SCCART | 21.21  | 7.07   | 1.2 |
| RE DI SCCART | 19.09  | 4.95   | 1.2 |
| RE DI SCCART | 17.68  | 3.54   | 1.2 |
| RE DI SCCART | 16.26  | 2.12   | 1.2 |
| RE DI SCCART | 14.85  | 0.71   | 1.2 |
| RE DI SCCART | 13.44  | -0.71  | 1.2 |
| RE DI SCCART | 0.71   | -13.44 | 1.2 |
| RE DI SCCART | -0.71  | -14.85 | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -2.12  | -16.26 | 1.2 |
| RE DI SCCART | -3.54  | -17.68 | 1.2 |
| RE DI SCCART | -4.95  | -19.09 | 1.2 |
| RE DI SCCART | -7.07  | -21.21 | 1.2 |
| RE DI SCCART | -10.61 | -24.75 | 1.2 |
| RE DI SCCART | -14.14 | -28.28 | 1.2 |
| RE DI SCCART | -21.21 | -35.36 | 1.2 |
| RE DI SCCART | -28.28 | -42.43 | 1.2 |
| RE DI SCCART | -35.36 | -49.5  | 1.2 |
| RE DI SCCART | -42.43 | -56.57 | 1.2 |
| RE DI SCCART | -49.5  | -63.64 | 1.2 |
| RE DI SCCART | -56.57 | -70.71 | 1.2 |
| RE DI SCCART | -63.64 | -77.78 | 1.2 |
| RE DI SCCART | 84.85  | 56.57  | 1.2 |
| RE DI SCCART | 77.78  | 49.5   | 1.2 |
| RE DI SCCART | 70.71  | 42.43  | 1.2 |
| RE DI SCCART | 63.64  | 35.36  | 1.2 |
| RE DI SCCART | 56.57  | 28.28  | 1.2 |
| RE DI SCCART | 49.5   | 21.21  | 1.2 |
| RE DI SCCART | 42.43  | 14.14  | 1.2 |
| RE DI SCCART | 35.36  | 7.07   | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | 31.82  | 3.54   | 1.2 |
| RE DI SCCART | 28.28  | 0.0    | 1.2 |
| RE DI SCCART | 26.16  | -2.12  | 1.2 |
| RE DI SCCART | 24.75  | -3.54  | 1.2 |
| RE DI SCCART | 23.33  | -4.95  | 1.2 |
| RE DI SCCART | 21.92  | -6.36  | 1.2 |
| RE DI SCCART | 20.51  | -7.78  | 1.2 |
| RE DI SCCART | 7.78   | -20.51 | 1.2 |
| RE DI SCCART | 6.36   | -21.92 | 1.2 |
| RE DI SCCART | 4.95   | -23.33 | 1.2 |
| RE DI SCCART | 3.54   | -24.75 | 1.2 |
| RE DI SCCART | 2.12   | -26.16 | 1.2 |
| RE DI SCCART | 0.0    | -28.28 | 1.2 |
| RE DI SCCART | -3.54  | -31.82 | 1.2 |
| RE DI SCCART | -7.07  | -35.36 | 1.2 |
| RE DI SCCART | -14.14 | -42.43 | 1.2 |
| RE DI SCCART | -21.21 | -49.5  | 1.2 |
| RE DI SCCART | -28.28 | -56.57 | 1.2 |
| RE DI SCCART | -35.36 | -63.64 | 1.2 |
| RE DI SCCART | -42.43 | -70.71 | 1.2 |
| RE DI SCCART | -49.5  | -77.78 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | -56.57 | -84.85 | 1.2 |
| RE DI SCCART | 91.92  | 49.5   | 1.2 |
| RE DI SCCART | 84.85  | 42.43  | 1.2 |
| RE DI SCCART | 77.78  | 35.36  | 1.2 |
| RE DI SCCART | 70.71  | 28.28  | 1.2 |
| RE DI SCCART | 63.64  | 21.21  | 1.2 |
| RE DI SCCART | 56.57  | 14.14  | 1.2 |
| RE DI SCCART | 49.5   | 7.07   | 1.2 |
| RE DI SCCART | 42.43  | 0.0    | 1.2 |
| RE DI SCCART | 38.89  | -3.54  | 1.2 |
| RE DI SCCART | 35.36  | -7.07  | 1.2 |
| RE DI SCCART | 33.23  | -9.19  | 1.2 |
| RE DI SCCART | 31.82  | -10.61 | 1.2 |
| RE DI SCCART | 30.41  | -12.02 | 1.2 |
| RE DI SCCART | 28.99  | -13.44 | 1.2 |
| RE DI SCCART | 27.58  | -14.85 | 1.2 |
| RE DI SCCART | 14.85  | -27.58 | 1.2 |
| RE DI SCCART | 13.44  | -28.99 | 1.2 |
| RE DI SCCART | 12.02  | -30.41 | 1.2 |
| RE DI SCCART | 10.61  | -31.82 | 1.2 |
| RE DI SCCART | 9.19   | -33.23 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | 7.07   | -35.36 | 1.2 |
| RE DI SCCART | 3.54   | -38.89 | 1.2 |
| RE DI SCCART | 0.0    | -42.43 | 1.2 |
| RE DI SCCART | -7.07  | -49.5  | 1.2 |
| RE DI SCCART | -14.14 | -56.57 | 1.2 |
| RE DI SCCART | -21.21 | -63.64 | 1.2 |
| RE DI SCCART | -28.28 | -70.71 | 1.2 |
| RE DI SCCART | -35.36 | -77.78 | 1.2 |
| RE DI SCCART | -42.43 | -84.85 | 1.2 |
| RE DI SCCART | -49.5  | -91.92 | 1.2 |
| RE DI SCCART | 98.99  | 42.43  | 1.2 |
| RE DI SCCART | 91.92  | 35.36  | 1.2 |
| RE DI SCCART | 84.85  | 28.28  | 1.2 |
| RE DI SCCART | 77.78  | 21.21  | 1.2 |
| RE DI SCCART | 70.71  | 14.14  | 1.2 |
| RE DI SCCART | 63.64  | 7.07   | 1.2 |
| RE DI SCCART | 56.57  | 0.0    | 1.2 |
| RE DI SCCART | 49.5   | -7.07  | 1.2 |
| RE DI SCCART | 45.96  | -10.61 | 1.2 |
| RE DI SCCART | 42.43  | -14.14 | 1.2 |
| RE DI SCCART | 40.31  | -16.26 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |        |     |
|--------------|--------|--------|-----|
| RE DI SCCART | 38.89  | -17.68 | 1.2 |
| RE DI SCCART | 37.48  | -19.09 | 1.2 |
| RE DI SCCART | 36.06  | -20.51 | 1.2 |
| RE DI SCCART | 34.65  | -21.92 | 1.2 |
| RE DI SCCART | 21.92  | -34.65 | 1.2 |
| RE DI SCCART | 20.51  | -36.06 | 1.2 |
| RE DI SCCART | 19.09  | -37.48 | 1.2 |
| RE DI SCCART | 17.68  | -38.89 | 1.2 |
| RE DI SCCART | 16.26  | -40.31 | 1.2 |
| RE DI SCCART | 14.14  | -42.43 | 1.2 |
| RE DI SCCART | 10.61  | -45.96 | 1.2 |
| RE DI SCCART | 7.07   | -49.5  | 1.2 |
| RE DI SCCART | 0.0    | -56.57 | 1.2 |
| RE DI SCCART | -7.07  | -63.64 | 1.2 |
| RE DI SCCART | -14.14 | -70.71 | 1.2 |
| RE DI SCCART | -21.21 | -77.78 | 1.2 |
| RE DI SCCART | -28.28 | -84.85 | 1.2 |
| RE DI SCCART | -35.36 | -91.92 | 1.2 |
| RE DI SCCART | -42.43 | -98.99 | 1.2 |
| RE DI SCCART | 106.07 | 35.36  | 1.2 |
| RE DI SCCART | 98.99  | 28.28  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |       |        |     |
|--------------|-------|--------|-----|
| RE DI SCCART | 91.92 | 21.21  | 1.2 |
| RE DI SCCART | 84.85 | 14.14  | 1.2 |
| RE DI SCCART | 77.78 | 7.07   | 1.2 |
| RE DI SCCART | 70.71 | 0.0    | 1.2 |
| RE DI SCCART | 63.64 | -7.07  | 1.2 |
| RE DI SCCART | 56.57 | -14.14 | 1.2 |
| RE DI SCCART | 53.03 | -17.68 | 1.2 |
| RE DI SCCART | 49.5  | -21.21 | 1.2 |
| RE DI SCCART | 47.38 | -23.33 | 1.2 |
| RE DI SCCART | 45.96 | -24.75 | 1.2 |
| RE DI SCCART | 44.55 | -26.16 | 1.2 |
| RE DI SCCART | 43.13 | -27.58 | 1.2 |
| RE DI SCCART | 41.72 | -28.99 | 1.2 |
| RE DI SCCART | 28.99 | -41.72 | 1.2 |
| RE DI SCCART | 27.58 | -43.13 | 1.2 |
| RE DI SCCART | 26.16 | -44.55 | 1.2 |
| RE DI SCCART | 24.75 | -45.96 | 1.2 |
| RE DI SCCART | 23.33 | -47.38 | 1.2 |
| RE DI SCCART | 21.21 | -49.5  | 1.2 |
| RE DI SCCART | 17.68 | -53.03 | 1.2 |
| RE DI SCCART | 14.14 | -56.57 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 7.07   | -63.64  | 1.2 |
| RE DI SCCART | 0.0    | -70.71  | 1.2 |
| RE DI SCCART | -7.07  | -77.78  | 1.2 |
| RE DI SCCART | -14.14 | -84.85  | 1.2 |
| RE DI SCCART | -21.21 | -91.92  | 1.2 |
| RE DI SCCART | -28.28 | -98.99  | 1.2 |
| RE DI SCCART | -35.36 | -106.07 | 1.2 |
| RE DI SCCART | 113.14 | 28.28   | 1.2 |
| RE DI SCCART | 106.07 | 21.21   | 1.2 |
| RE DI SCCART | 98.99  | 14.14   | 1.2 |
| RE DI SCCART | 91.92  | 7.07    | 1.2 |
| RE DI SCCART | 84.85  | 0.0     | 1.2 |
| RE DI SCCART | 77.78  | -7.07   | 1.2 |
| RE DI SCCART | 70.71  | -14.14  | 1.2 |
| RE DI SCCART | 63.64  | -21.21  | 1.2 |
| RE DI SCCART | 60.1   | -24.75  | 1.2 |
| RE DI SCCART | 56.57  | -28.28  | 1.2 |
| RE DI SCCART | 54.45  | -30.41  | 1.2 |
| RE DI SCCART | 53.03  | -31.82  | 1.2 |
| RE DI SCCART | 51.62  | -33.23  | 1.2 |
| RE DI SCCART | 50.2   | -34.65  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 48.79  | -36.06  | 1.2 |
| RE DI SCCART | 36.06  | -48.79  | 1.2 |
| RE DI SCCART | 34.65  | -50.2   | 1.2 |
| RE DI SCCART | 33.23  | -51.62  | 1.2 |
| RE DI SCCART | 31.82  | -53.03  | 1.2 |
| RE DI SCCART | 30.41  | -54.45  | 1.2 |
| RE DI SCCART | 28.28  | -56.57  | 1.2 |
| RE DI SCCART | 24.75  | -60.1   | 1.2 |
| RE DI SCCART | 21.21  | -63.64  | 1.2 |
| RE DI SCCART | 14.14  | -70.71  | 1.2 |
| RE DI SCCART | 7.07   | -77.78  | 1.2 |
| RE DI SCCART | 0.0    | -84.85  | 1.2 |
| RE DI SCCART | -7.07  | -91.92  | 1.2 |
| RE DI SCCART | -14.14 | -98.99  | 1.2 |
| RE DI SCCART | -21.21 | -106.07 | 1.2 |
| RE DI SCCART | -28.28 | -113.14 | 1.2 |
| RE DI SCCART | 120.21 | 21.21   | 1.2 |
| RE DI SCCART | 113.14 | 14.14   | 1.2 |
| RE DI SCCART | 106.07 | 7.07    | 1.2 |
| RE DI SCCART | 98.99  | 0.0     | 1.2 |
| RE DI SCCART | 91.92  | -7.07   | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |       |        |     |
|--------------|-------|--------|-----|
| RE DI SCCART | 84.85 | -14.14 | 1.2 |
| RE DI SCCART | 77.78 | -21.21 | 1.2 |
| RE DI SCCART | 70.71 | -28.28 | 1.2 |
| RE DI SCCART | 67.18 | -31.82 | 1.2 |
| RE DI SCCART | 63.64 | -35.36 | 1.2 |
| RE DI SCCART | 61.52 | -37.48 | 1.2 |
| RE DI SCCART | 60.1  | -38.89 | 1.2 |
| RE DI SCCART | 58.69 | -40.31 | 1.2 |
| RE DI SCCART | 57.28 | -41.72 | 1.2 |
| RE DI SCCART | 55.86 | -43.13 | 1.2 |
| RE DI SCCART | 43.13 | -55.86 | 1.2 |
| RE DI SCCART | 41.72 | -57.28 | 1.2 |
| RE DI SCCART | 40.31 | -58.69 | 1.2 |
| RE DI SCCART | 38.89 | -60.1  | 1.2 |
| RE DI SCCART | 37.48 | -61.52 | 1.2 |
| RE DI SCCART | 35.36 | -63.64 | 1.2 |
| RE DI SCCART | 31.82 | -67.18 | 1.2 |
| RE DI SCCART | 28.28 | -70.71 | 1.2 |
| RE DI SCCART | 21.21 | -77.78 | 1.2 |
| RE DI SCCART | 14.14 | -84.85 | 1.2 |
| RE DI SCCART | 7.07  | -91.92 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

RE DI SCCART 0.0 -98.99 1.2  
RE DI SCCART -7.07 -106.07 1.2  
RE DI SCCART -14.14 -113.14 1.2  
RE DI SCCART -21.21 -120.21 1.2  
RE DI SCCART 127.28 14.14 1.2  
RE DI SCCART 120.21 7.07 1.2  
RE DI SCCART 113.14 0.0 1.2  
RE DI SCCART 106.07 -7.07 1.2  
RE DI SCCART 98.99 -14.14 1.2  
RE DI SCCART 91.92 -21.21 1.2  
RE DI SCCART 84.85 -28.28 1.2  
RE DI SCCART 77.78 -35.36 1.2  
RE DI SCCART 74.25 -38.89 1.2  
RE DI SCCART 70.71 -42.43 1.2  
RE DI SCCART 68.59 -44.55 1.2  
RE DI SCCART 67.18 -45.96 1.2  
RE DI SCCART 65.76 -47.38 1.2  
RE DI SCCART 64.35 -48.79 1.2  
RE DI SCCART 62.93 -50.2 1.2  
RE DI SCCART 50.2 -62.93 1.2  
RE DI SCCART 48.79 -64.35 1.2

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 47.38  | -65.76  | 1.2 |
| RE DI SCCART | 45.96  | -67.18  | 1.2 |
| RE DI SCCART | 44.55  | -68.59  | 1.2 |
| RE DI SCCART | 42.43  | -70.71  | 1.2 |
| RE DI SCCART | 38.89  | -74.25  | 1.2 |
| RE DI SCCART | 35.36  | -77.78  | 1.2 |
| RE DI SCCART | 28.28  | -84.85  | 1.2 |
| RE DI SCCART | 21.21  | -91.92  | 1.2 |
| RE DI SCCART | 14.14  | -98.99  | 1.2 |
| RE DI SCCART | 7.07   | -106.07 | 1.2 |
| RE DI SCCART | 0.0    | -113.14 | 1.2 |
| RE DI SCCART | -7.07  | -120.21 | 1.2 |
| RE DI SCCART | -14.14 | -127.28 | 1.2 |
| RE DI SCCART | 134.35 | 7.07    | 1.2 |
| RE DI SCCART | 127.28 | 0.0     | 1.2 |
| RE DI SCCART | 120.21 | -7.07   | 1.2 |
| RE DI SCCART | 113.14 | -14.14  | 1.2 |
| RE DI SCCART | 106.07 | -21.21  | 1.2 |
| RE DI SCCART | 98.99  | -28.28  | 1.2 |
| RE DI SCCART | 91.92  | -35.36  | 1.2 |
| RE DI SCCART | 84.85  | -42.43  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |       |         |     |
|--------------|-------|---------|-----|
| RE DI SCCART | 81.32 | -45.96  | 1.2 |
| RE DI SCCART | 77.78 | -49.5   | 1.2 |
| RE DI SCCART | 75.66 | -51.62  | 1.2 |
| RE DI SCCART | 74.25 | -53.03  | 1.2 |
| RE DI SCCART | 72.83 | -54.45  | 1.2 |
| RE DI SCCART | 71.42 | -55.86  | 1.2 |
| RE DI SCCART | 70.0  | -57.28  | 1.2 |
| RE DI SCCART | 57.28 | -70.0   | 1.2 |
| RE DI SCCART | 55.86 | -71.42  | 1.2 |
| RE DI SCCART | 54.45 | -72.83  | 1.2 |
| RE DI SCCART | 53.03 | -74.25  | 1.2 |
| RE DI SCCART | 51.62 | -75.66  | 1.2 |
| RE DI SCCART | 49.5  | -77.78  | 1.2 |
| RE DI SCCART | 45.96 | -81.32  | 1.2 |
| RE DI SCCART | 42.43 | -84.85  | 1.2 |
| RE DI SCCART | 35.36 | -91.92  | 1.2 |
| RE DI SCCART | 28.28 | -98.99  | 1.2 |
| RE DI SCCART | 21.21 | -106.07 | 1.2 |
| RE DI SCCART | 14.14 | -113.14 | 1.2 |
| RE DI SCCART | 7.07  | -120.21 | 1.2 |
| RE DI SCCART | 0.0   | -127.28 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | -7.07  | -134.35 | 1.2 |
| RE DI SCCART | 141.42 | 0.0     | 1.2 |
| RE DI SCCART | 134.35 | -7.07   | 1.2 |
| RE DI SCCART | 127.28 | -14.14  | 1.2 |
| RE DI SCCART | 120.21 | -21.21  | 1.2 |
| RE DI SCCART | 113.14 | -28.28  | 1.2 |
| RE DI SCCART | 106.07 | -35.36  | 1.2 |
| RE DI SCCART | 98.99  | -42.43  | 1.2 |
| RE DI SCCART | 91.92  | -49.5   | 1.2 |
| RE DI SCCART | 88.39  | -53.03  | 1.2 |
| RE DI SCCART | 84.85  | -56.57  | 1.2 |
| RE DI SCCART | 82.73  | -58.69  | 1.2 |
| RE DI SCCART | 81.32  | -60.1   | 1.2 |
| RE DI SCCART | 79.9   | -61.52  | 1.2 |
| RE DI SCCART | 78.49  | -62.93  | 1.2 |
| RE DI SCCART | 77.07  | -64.35  | 1.2 |
| RE DI SCCART | 64.35  | -77.07  | 1.2 |
| RE DI SCCART | 62.93  | -78.49  | 1.2 |
| RE DI SCCART | 61.52  | -79.9   | 1.2 |
| RE DI SCCART | 60.1   | -81.32  | 1.2 |
| RE DI SCCART | 58.69  | -82.73  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 56.57  | -84.85  | 1.2 |
| RE DI SCCART | 53.03  | -88.39  | 1.2 |
| RE DI SCCART | 49.5   | -91.92  | 1.2 |
| RE DI SCCART | 42.43  | -98.99  | 1.2 |
| RE DI SCCART | 35.36  | -106.07 | 1.2 |
| RE DI SCCART | 28.28  | -113.14 | 1.2 |
| RE DI SCCART | 21.21  | -120.21 | 1.2 |
| RE DI SCCART | 14.14  | -127.28 | 1.2 |
| RE DI SCCART | 7.07   | -134.35 | 1.2 |
| RE DI SCCART | 0.0    | -141.42 | 1.2 |
| RE DI SCCART | 148.49 | -7.07   | 1.2 |
| RE DI SCCART | 141.42 | -14.14  | 1.2 |
| RE DI SCCART | 134.35 | -21.21  | 1.2 |
| RE DI SCCART | 127.28 | -28.28  | 1.2 |
| RE DI SCCART | 120.21 | -35.36  | 1.2 |
| RE DI SCCART | 113.14 | -42.43  | 1.2 |
| RE DI SCCART | 106.07 | -49.5   | 1.2 |
| RE DI SCCART | 98.99  | -56.57  | 1.2 |
| RE DI SCCART | 95.46  | -60.1   | 1.2 |
| RE DI SCCART | 91.92  | -63.64  | 1.2 |
| RE DI SCCART | 89.8   | -65.76  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 88.39  | -67.18  | 1.2 |
| RE DI SCCART | 86.97  | -68.59  | 1.2 |
| RE DI SCCART | 85.56  | -70.0   | 1.2 |
| RE DI SCCART | 84.15  | -71.42  | 1.2 |
| RE DI SCCART | 71.42  | -84.15  | 1.2 |
| RE DI SCCART | 70.0   | -85.56  | 1.2 |
| RE DI SCCART | 68.59  | -86.97  | 1.2 |
| RE DI SCCART | 67.18  | -88.39  | 1.2 |
| RE DI SCCART | 65.76  | -89.8   | 1.2 |
| RE DI SCCART | 63.64  | -91.92  | 1.2 |
| RE DI SCCART | 60.1   | -95.46  | 1.2 |
| RE DI SCCART | 56.57  | -98.99  | 1.2 |
| RE DI SCCART | 49.5   | -106.07 | 1.2 |
| RE DI SCCART | 42.43  | -113.14 | 1.2 |
| RE DI SCCART | 35.36  | -120.21 | 1.2 |
| RE DI SCCART | 28.28  | -127.28 | 1.2 |
| RE DI SCCART | 21.21  | -134.35 | 1.2 |
| RE DI SCCART | 14.14  | -141.42 | 1.2 |
| RE DI SCCART | 7.07   | -148.49 | 1.2 |
| RE DI SCCART | 155.56 | -14.14  | 1.2 |
| RE DI SCCART | 148.49 | -21.21  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 141.42 | -28.28  | 1.2 |
| RE DI SCCART | 134.35 | -35.36  | 1.2 |
| RE DI SCCART | 127.28 | -42.43  | 1.2 |
| RE DI SCCART | 120.21 | -49.5   | 1.2 |
| RE DI SCCART | 113.14 | -56.57  | 1.2 |
| RE DI SCCART | 106.07 | -63.64  | 1.2 |
| RE DI SCCART | 102.53 | -67.18  | 1.2 |
| RE DI SCCART | 98.99  | -70.71  | 1.2 |
| RE DI SCCART | 96.87  | -72.83  | 1.2 |
| RE DI SCCART | 95.46  | -74.25  | 1.2 |
| RE DI SCCART | 94.05  | -75.66  | 1.2 |
| RE DI SCCART | 92.63  | -77.07  | 1.2 |
| RE DI SCCART | 91.22  | -78.49  | 1.2 |
| RE DI SCCART | 78.49  | -91.22  | 1.2 |
| RE DI SCCART | 77.07  | -92.63  | 1.2 |
| RE DI SCCART | 75.66  | -94.05  | 1.2 |
| RE DI SCCART | 74.25  | -95.46  | 1.2 |
| RE DI SCCART | 72.83  | -96.87  | 1.2 |
| RE DI SCCART | 70.71  | -98.99  | 1.2 |
| RE DI SCCART | 67.18  | -102.53 | 1.2 |
| RE DI SCCART | 63.64  | -106.07 | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 56.57  | -113.14 | 1.2 |
| RE DI SCCART | 49.5   | -120.21 | 1.2 |
| RE DI SCCART | 42.43  | -127.28 | 1.2 |
| RE DI SCCART | 35.36  | -134.35 | 1.2 |
| RE DI SCCART | 28.28  | -141.42 | 1.2 |
| RE DI SCCART | 21.21  | -148.49 | 1.2 |
| RE DI SCCART | 14.14  | -155.56 | 1.2 |
| RE DI SCCART | 162.63 | -21.21  | 1.2 |
| RE DI SCCART | 155.56 | -28.28  | 1.2 |
| RE DI SCCART | 148.49 | -35.36  | 1.2 |
| RE DI SCCART | 141.42 | -42.43  | 1.2 |
| RE DI SCCART | 134.35 | -49.5   | 1.2 |
| RE DI SCCART | 127.28 | -56.57  | 1.2 |
| RE DI SCCART | 120.21 | -63.64  | 1.2 |
| RE DI SCCART | 113.14 | -70.71  | 1.2 |
| RE DI SCCART | 109.6  | -74.25  | 1.2 |
| RE DI SCCART | 106.07 | -77.78  | 1.2 |
| RE DI SCCART | 103.94 | -79.9   | 1.2 |
| RE DI SCCART | 102.53 | -81.32  | 1.2 |
| RE DI SCCART | 101.12 | -82.73  | 1.2 |
| RE DI SCCART | 99.7   | -84.15  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 98.29  | -85.56  | 1.2 |
| RE DI SCCART | 85.56  | -98.29  | 1.2 |
| RE DI SCCART | 84.15  | -99.7   | 1.2 |
| RE DI SCCART | 82.73  | -101.12 | 1.2 |
| RE DI SCCART | 81.32  | -102.53 | 1.2 |
| RE DI SCCART | 79.9   | -103.94 | 1.2 |
| RE DI SCCART | 77.78  | -106.07 | 1.2 |
| RE DI SCCART | 74.25  | -109.6  | 1.2 |
| RE DI SCCART | 70.71  | -113.14 | 1.2 |
| RE DI SCCART | 63.64  | -120.21 | 1.2 |
| RE DI SCCART | 56.57  | -127.28 | 1.2 |
| RE DI SCCART | 49.5   | -134.35 | 1.2 |
| RE DI SCCART | 42.43  | -141.42 | 1.2 |
| RE DI SCCART | 35.36  | -148.49 | 1.2 |
| RE DI SCCART | 28.28  | -155.56 | 1.2 |
| RE DI SCCART | 21.21  | -162.63 | 1.2 |
| RE DI SCCART | 169.71 | -28.28  | 1.2 |
| RE DI SCCART | 162.63 | -35.36  | 1.2 |
| RE DI SCCART | 155.56 | -42.43  | 1.2 |
| RE DI SCCART | 148.49 | -49.5   | 1.2 |
| RE DI SCCART | 141.42 | -56.57  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 134.35 | -63.64  | 1.2 |
| RE DI SCCART | 127.28 | -70.71  | 1.2 |
| RE DI SCCART | 120.21 | -77.78  | 1.2 |
| RE DI SCCART | 116.67 | -81.32  | 1.2 |
| RE DI SCCART | 113.14 | -84.85  | 1.2 |
| RE DI SCCART | 111.02 | -86.97  | 1.2 |
| RE DI SCCART | 109.6  | -88.39  | 1.2 |
| RE DI SCCART | 108.19 | -89.8   | 1.2 |
| RE DI SCCART | 106.77 | -91.22  | 1.2 |
| RE DI SCCART | 105.36 | -92.63  | 1.2 |
| RE DI SCCART | 92.63  | -105.36 | 1.2 |
| RE DI SCCART | 91.22  | -106.77 | 1.2 |
| RE DI SCCART | 89.8   | -108.19 | 1.2 |
| RE DI SCCART | 88.39  | -109.6  | 1.2 |
| RE DI SCCART | 86.97  | -111.02 | 1.2 |
| RE DI SCCART | 84.85  | -113.14 | 1.2 |
| RE DI SCCART | 81.32  | -116.67 | 1.2 |
| RE DI SCCART | 77.78  | -120.21 | 1.2 |
| RE DI SCCART | 70.71  | -127.28 | 1.2 |
| RE DI SCCART | 63.64  | -134.35 | 1.2 |
| RE DI SCCART | 56.57  | -141.42 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 49.5   | -148.49 | 1.2 |
| RE DI SCCART | 42.43  | -155.56 | 1.2 |
| RE DI SCCART | 35.36  | -162.63 | 1.2 |
| RE DI SCCART | 28.28  | -169.71 | 1.2 |
| RE DI SCCART | 176.78 | -35.36  | 1.2 |
| RE DI SCCART | 169.71 | -42.43  | 1.2 |
| RE DI SCCART | 162.63 | -49.5   | 1.2 |
| RE DI SCCART | 155.56 | -56.57  | 1.2 |
| RE DI SCCART | 148.49 | -63.64  | 1.2 |
| RE DI SCCART | 141.42 | -70.71  | 1.2 |
| RE DI SCCART | 134.35 | -77.78  | 1.2 |
| RE DI SCCART | 127.28 | -84.85  | 1.2 |
| RE DI SCCART | 123.74 | -88.39  | 1.2 |
| RE DI SCCART | 120.21 | -91.92  | 1.2 |
| RE DI SCCART | 118.09 | -94.05  | 1.2 |
| RE DI SCCART | 116.67 | -95.46  | 1.2 |
| RE DI SCCART | 115.26 | -96.87  | 1.2 |
| RE DI SCCART | 113.84 | -98.29  | 1.2 |
| RE DI SCCART | 112.43 | -99.7   | 1.2 |
| RE DI SCCART | 99.7   | -112.43 | 1.2 |
| RE DI SCCART | 98.29  | -113.84 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 96.87  | -115.26 | 1.2 |
| RE DI SCCART | 95.46  | -116.67 | 1.2 |
| RE DI SCCART | 94.05  | -118.09 | 1.2 |
| RE DI SCCART | 91.92  | -120.21 | 1.2 |
| RE DI SCCART | 88.39  | -123.74 | 1.2 |
| RE DI SCCART | 84.85  | -127.28 | 1.2 |
| RE DI SCCART | 77.78  | -134.35 | 1.2 |
| RE DI SCCART | 70.71  | -141.42 | 1.2 |
| RE DI SCCART | 63.64  | -148.49 | 1.2 |
| RE DI SCCART | 56.57  | -155.56 | 1.2 |
| RE DI SCCART | 49.5   | -162.63 | 1.2 |
| RE DI SCCART | 42.43  | -169.71 | 1.2 |
| RE DI SCCART | 35.36  | -176.78 | 1.2 |
| RE DI SCCART | 183.85 | -42.43  | 1.2 |
| RE DI SCCART | 176.78 | -49.5   | 1.2 |
| RE DI SCCART | 169.71 | -56.57  | 1.2 |
| RE DI SCCART | 162.63 | -63.64  | 1.2 |
| RE DI SCCART | 155.56 | -70.71  | 1.2 |
| RE DI SCCART | 148.49 | -77.78  | 1.2 |
| RE DI SCCART | 141.42 | -84.85  | 1.2 |
| RE DI SCCART | 134.35 | -91.92  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 130.81 | -95.46  | 1.2 |
| RE DI SCCART | 127.28 | -98.99  | 1.2 |
| RE DI SCCART | 125.16 | -101.12 | 1.2 |
| RE DI SCCART | 123.74 | -102.53 | 1.2 |
| RE DI SCCART | 122.33 | -103.94 | 1.2 |
| RE DI SCCART | 120.92 | -105.36 | 1.2 |
| RE DI SCCART | 119.5  | -106.77 | 1.2 |
| RE DI SCCART | 106.77 | -119.5  | 1.2 |
| RE DI SCCART | 105.36 | -120.92 | 1.2 |
| RE DI SCCART | 103.94 | -122.33 | 1.2 |
| RE DI SCCART | 102.53 | -123.74 | 1.2 |
| RE DI SCCART | 101.12 | -125.16 | 1.2 |
| RE DI SCCART | 98.99  | -127.28 | 1.2 |
| RE DI SCCART | 95.46  | -130.81 | 1.2 |
| RE DI SCCART | 91.92  | -134.35 | 1.2 |
| RE DI SCCART | 84.85  | -141.42 | 1.2 |
| RE DI SCCART | 77.78  | -148.49 | 1.2 |
| RE DI SCCART | 70.71  | -155.56 | 1.2 |
| RE DI SCCART | 63.64  | -162.63 | 1.2 |
| RE DI SCCART | 56.57  | -169.71 | 1.2 |
| RE DI SCCART | 49.5   | -176.78 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 42.43  | -183.85 | 1.2 |
| RE DI SCCART | 190.92 | -49.5   | 1.2 |
| RE DI SCCART | 183.85 | -56.57  | 1.2 |
| RE DI SCCART | 176.78 | -63.64  | 1.2 |
| RE DI SCCART | 169.71 | -70.71  | 1.2 |
| RE DI SCCART | 162.63 | -77.78  | 1.2 |
| RE DI SCCART | 155.56 | -84.85  | 1.2 |
| RE DI SCCART | 148.49 | -91.92  | 1.2 |
| RE DI SCCART | 141.42 | -98.99  | 1.2 |
| RE DI SCCART | 137.89 | -102.53 | 1.2 |
| RE DI SCCART | 134.35 | -106.07 | 1.2 |
| RE DI SCCART | 132.23 | -108.19 | 1.2 |
| RE DI SCCART | 130.81 | -109.6  | 1.2 |
| RE DI SCCART | 129.4  | -111.02 | 1.2 |
| RE DI SCCART | 127.99 | -112.43 | 1.2 |
| RE DI SCCART | 126.57 | -113.84 | 1.2 |
| RE DI SCCART | 113.84 | -126.57 | 1.2 |
| RE DI SCCART | 112.43 | -127.99 | 1.2 |
| RE DI SCCART | 111.02 | -129.4  | 1.2 |
| RE DI SCCART | 109.6  | -130.81 | 1.2 |
| RE DI SCCART | 108.19 | -132.23 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 106.07 | -134.35 | 1.2 |
| RE DI SCCART | 102.53 | -137.89 | 1.2 |
| RE DI SCCART | 98.99  | -141.42 | 1.2 |
| RE DI SCCART | 91.92  | -148.49 | 1.2 |
| RE DI SCCART | 84.85  | -155.56 | 1.2 |
| RE DI SCCART | 77.78  | -162.63 | 1.2 |
| RE DI SCCART | 70.71  | -169.71 | 1.2 |
| RE DI SCCART | 63.64  | -176.78 | 1.2 |
| RE DI SCCART | 56.57  | -183.85 | 1.2 |
| RE DI SCCART | 49.5   | -190.92 | 1.2 |
| RE DI SCCART | 197.99 | -56.57  | 1.2 |
| RE DI SCCART | 190.92 | -63.64  | 1.2 |
| RE DI SCCART | 183.85 | -70.71  | 1.2 |
| RE DI SCCART | 176.78 | -77.78  | 1.2 |
| RE DI SCCART | 169.71 | -84.85  | 1.2 |
| RE DI SCCART | 162.63 | -91.92  | 1.2 |
| RE DI SCCART | 155.56 | -98.99  | 1.2 |
| RE DI SCCART | 148.49 | -106.07 | 1.2 |
| RE DI SCCART | 144.96 | -109.6  | 1.2 |
| RE DI SCCART | 141.42 | -113.14 | 1.2 |
| RE DI SCCART | 139.3  | -115.26 | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 137.89 | -116.67 | 1.2 |
| RE DI SCCART | 136.47 | -118.09 | 1.2 |
| RE DI SCCART | 135.06 | -119.5  | 1.2 |
| RE DI SCCART | 133.64 | -120.92 | 1.2 |
| RE DI SCCART | 120.92 | -133.64 | 1.2 |
| RE DI SCCART | 119.5  | -135.06 | 1.2 |
| RE DI SCCART | 118.09 | -136.47 | 1.2 |
| RE DI SCCART | 116.67 | -137.89 | 1.2 |
| RE DI SCCART | 115.26 | -139.3  | 1.2 |
| RE DI SCCART | 113.14 | -141.42 | 1.2 |
| RE DI SCCART | 109.6  | -144.96 | 1.2 |
| RE DI SCCART | 106.07 | -148.49 | 1.2 |
| RE DI SCCART | 98.99  | -155.56 | 1.2 |
| RE DI SCCART | 91.92  | -162.63 | 1.2 |
| RE DI SCCART | 84.85  | -169.71 | 1.2 |
| RE DI SCCART | 77.78  | -176.78 | 1.2 |
| RE DI SCCART | 70.71  | -183.85 | 1.2 |
| RE DI SCCART | 63.64  | -190.92 | 1.2 |
| RE DI SCCART | 56.57  | -197.99 | 1.2 |
| RE DI SCCART | 205.06 | -63.64  | 1.2 |
| RE DI SCCART | 197.99 | -70.71  | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 190.92 | -77.78  | 1.2 |
| RE DI SCCART | 183.85 | -84.85  | 1.2 |
| RE DI SCCART | 176.78 | -91.92  | 1.2 |
| RE DI SCCART | 169.71 | -98.99  | 1.2 |
| RE DI SCCART | 162.63 | -106.07 | 1.2 |
| RE DI SCCART | 155.56 | -113.14 | 1.2 |
| RE DI SCCART | 152.03 | -116.67 | 1.2 |
| RE DI SCCART | 148.49 | -120.21 | 1.2 |
| RE DI SCCART | 146.37 | -122.33 | 1.2 |
| RE DI SCCART | 144.96 | -123.74 | 1.2 |
| RE DI SCCART | 143.54 | -125.16 | 1.2 |
| RE DI SCCART | 142.13 | -126.57 | 1.2 |
| RE DI SCCART | 140.71 | -127.99 | 1.2 |
| RE DI SCCART | 127.99 | -140.71 | 1.2 |
| RE DI SCCART | 126.57 | -142.13 | 1.2 |
| RE DI SCCART | 125.16 | -143.54 | 1.2 |
| RE DI SCCART | 123.74 | -144.96 | 1.2 |
| RE DI SCCART | 122.33 | -146.37 | 1.2 |
| RE DI SCCART | 120.21 | -148.49 | 1.2 |
| RE DI SCCART | 116.67 | -152.03 | 1.2 |
| RE DI SCCART | 113.14 | -155.56 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 106.07 | -162.63 | 1.2 |
| RE DI SCCART | 98.99  | -169.71 | 1.2 |
| RE DI SCCART | 91.92  | -176.78 | 1.2 |
| RE DI SCCART | 84.85  | -183.85 | 1.2 |
| RE DI SCCART | 77.78  | -190.92 | 1.2 |
| RE DI SCCART | 70.71  | -197.99 | 1.2 |
| RE DI SCCART | 63.64  | -205.06 | 1.2 |
| RE DI SCCART | 212.13 | -70.71  | 1.2 |
| RE DI SCCART | 205.06 | -77.78  | 1.2 |
| RE DI SCCART | 197.99 | -84.85  | 1.2 |
| RE DI SCCART | 190.92 | -91.92  | 1.2 |
| RE DI SCCART | 183.85 | -98.99  | 1.2 |
| RE DI SCCART | 176.78 | -106.07 | 1.2 |
| RE DI SCCART | 169.71 | -113.14 | 1.2 |
| RE DI SCCART | 162.63 | -120.21 | 1.2 |
| RE DI SCCART | 159.1  | -123.74 | 1.2 |
| RE DI SCCART | 155.56 | -127.28 | 1.2 |
| RE DI SCCART | 153.44 | -129.4  | 1.2 |
| RE DI SCCART | 152.03 | -130.81 | 1.2 |
| RE DI SCCART | 150.61 | -132.23 | 1.2 |
| RE DI SCCART | 149.2  | -133.64 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 147.79 | -135.06 | 1.2 |
| RE DI SCCART | 135.06 | -147.79 | 1.2 |
| RE DI SCCART | 133.64 | -149.2  | 1.2 |
| RE DI SCCART | 132.23 | -150.61 | 1.2 |
| RE DI SCCART | 130.81 | -152.03 | 1.2 |
| RE DI SCCART | 129.4  | -153.44 | 1.2 |
| RE DI SCCART | 127.28 | -155.56 | 1.2 |
| RE DI SCCART | 123.74 | -159.1  | 1.2 |
| RE DI SCCART | 120.21 | -162.63 | 1.2 |
| RE DI SCCART | 113.14 | -169.71 | 1.2 |
| RE DI SCCART | 106.07 | -176.78 | 1.2 |
| RE DI SCCART | 98.99  | -183.85 | 1.2 |
| RE DI SCCART | 91.92  | -190.92 | 1.2 |
| RE DI SCCART | 84.85  | -197.99 | 1.2 |
| RE DI SCCART | 77.78  | -205.06 | 1.2 |
| RE DI SCCART | 70.71  | -212.13 | 1.2 |
| RE DI SCCART | 219.2  | -77.78  | 1.2 |
| RE DI SCCART | 212.13 | -84.85  | 1.2 |
| RE DI SCCART | 205.06 | -91.92  | 1.2 |
| RE DI SCCART | 197.99 | -98.99  | 1.2 |
| RE DI SCCART | 190.92 | -106.07 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 183.85 | -113.14 | 1.2 |
| RE DI SCCART | 176.78 | -120.21 | 1.2 |
| RE DI SCCART | 169.71 | -127.28 | 1.2 |
| RE DI SCCART | 166.17 | -130.81 | 1.2 |
| RE DI SCCART | 162.63 | -134.35 | 1.2 |
| RE DI SCCART | 160.51 | -136.47 | 1.2 |
| RE DI SCCART | 159.1  | -137.89 | 1.2 |
| RE DI SCCART | 157.68 | -139.3  | 1.2 |
| RE DI SCCART | 156.27 | -140.71 | 1.2 |
| RE DI SCCART | 154.86 | -142.13 | 1.2 |
| RE DI SCCART | 142.13 | -154.86 | 1.2 |
| RE DI SCCART | 140.71 | -156.27 | 1.2 |
| RE DI SCCART | 139.3  | -157.68 | 1.2 |
| RE DI SCCART | 137.89 | -159.1  | 1.2 |
| RE DI SCCART | 136.47 | -160.51 | 1.2 |
| RE DI SCCART | 134.35 | -162.63 | 1.2 |
| RE DI SCCART | 130.81 | -166.17 | 1.2 |
| RE DI SCCART | 127.28 | -169.71 | 1.2 |
| RE DI SCCART | 120.21 | -176.78 | 1.2 |
| RE DI SCCART | 113.14 | -183.85 | 1.2 |
| RE DI SCCART | 106.07 | -190.92 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 98.99  | -197.99 | 1.2 |
| RE DI SCCART | 91.92  | -205.06 | 1.2 |
| RE DI SCCART | 84.85  | -212.13 | 1.2 |
| RE DI SCCART | 77.78  | -219.2  | 1.2 |
| RE DI SCCART | 226.27 | -84.85  | 1.2 |
| RE DI SCCART | 219.2  | -91.92  | 1.2 |
| RE DI SCCART | 212.13 | -98.99  | 1.2 |
| RE DI SCCART | 205.06 | -106.07 | 1.2 |
| RE DI SCCART | 197.99 | -113.14 | 1.2 |
| RE DI SCCART | 190.92 | -120.21 | 1.2 |
| RE DI SCCART | 183.85 | -127.28 | 1.2 |
| RE DI SCCART | 176.78 | -134.35 | 1.2 |
| RE DI SCCART | 173.24 | -137.89 | 1.2 |
| RE DI SCCART | 169.71 | -141.42 | 1.2 |
| RE DI SCCART | 167.58 | -143.54 | 1.2 |
| RE DI SCCART | 166.17 | -144.96 | 1.2 |
| RE DI SCCART | 164.76 | -146.37 | 1.2 |
| RE DI SCCART | 163.34 | -147.79 | 1.2 |
| RE DI SCCART | 161.93 | -149.2  | 1.2 |
| RE DI SCCART | 149.2  | -161.93 | 1.2 |
| RE DI SCCART | 147.79 | -163.34 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 146.37 | -164.76 | 1.2 |
| RE DI SCCART | 144.96 | -166.17 | 1.2 |
| RE DI SCCART | 143.54 | -167.58 | 1.2 |
| RE DI SCCART | 141.42 | -169.71 | 1.2 |
| RE DI SCCART | 137.89 | -173.24 | 1.2 |
| RE DI SCCART | 134.35 | -176.78 | 1.2 |
| RE DI SCCART | 127.28 | -183.85 | 1.2 |
| RE DI SCCART | 120.21 | -190.92 | 1.2 |
| RE DI SCCART | 113.14 | -197.99 | 1.2 |
| RE DI SCCART | 106.07 | -205.06 | 1.2 |
| RE DI SCCART | 98.99  | -212.13 | 1.2 |
| RE DI SCCART | 91.92  | -219.2  | 1.2 |
| RE DI SCCART | 84.85  | -226.27 | 1.2 |
| RE DI SCCART | 233.35 | -91.92  | 1.2 |
| RE DI SCCART | 226.27 | -98.99  | 1.2 |
| RE DI SCCART | 219.2  | -106.07 | 1.2 |
| RE DI SCCART | 212.13 | -113.14 | 1.2 |
| RE DI SCCART | 205.06 | -120.21 | 1.2 |
| RE DI SCCART | 197.99 | -127.28 | 1.2 |
| RE DI SCCART | 190.92 | -134.35 | 1.2 |
| RE DI SCCART | 183.85 | -141.42 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 180.31 | -144.96 | 1.2 |
| RE DI SCCART | 176.78 | -148.49 | 1.2 |
| RE DI SCCART | 174.66 | -150.61 | 1.2 |
| RE DI SCCART | 173.24 | -152.03 | 1.2 |
| RE DI SCCART | 171.83 | -153.44 | 1.2 |
| RE DI SCCART | 170.41 | -154.86 | 1.2 |
| RE DI SCCART | 169.0  | -156.27 | 1.2 |
| RE DI SCCART | 156.27 | -169.0  | 1.2 |
| RE DI SCCART | 154.86 | -170.41 | 1.2 |
| RE DI SCCART | 153.44 | -171.83 | 1.2 |
| RE DI SCCART | 152.03 | -173.24 | 1.2 |
| RE DI SCCART | 150.61 | -174.66 | 1.2 |
| RE DI SCCART | 148.49 | -176.78 | 1.2 |
| RE DI SCCART | 144.96 | -180.31 | 1.2 |
| RE DI SCCART | 141.42 | -183.85 | 1.2 |
| RE DI SCCART | 134.35 | -190.92 | 1.2 |
| RE DI SCCART | 127.28 | -197.99 | 1.2 |
| RE DI SCCART | 120.21 | -205.06 | 1.2 |
| RE DI SCCART | 113.14 | -212.13 | 1.2 |
| RE DI SCCART | 106.07 | -219.2  | 1.2 |
| RE DI SCCART | 98.99  | -226.27 | 1.2 |



05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 91.92  | -233.35 | 1.2 |
| RE DI SCCART | 240.42 | -98.99  | 1.2 |
| RE DI SCCART | 233.35 | -106.07 | 1.2 |
| RE DI SCCART | 226.27 | -113.14 | 1.2 |
| RE DI SCCART | 219.2  | -120.21 | 1.2 |
| RE DI SCCART | 212.13 | -127.28 | 1.2 |
| RE DI SCCART | 205.06 | -134.35 | 1.2 |
| RE DI SCCART | 197.99 | -141.42 | 1.2 |
| RE DI SCCART | 190.92 | -148.49 | 1.2 |
| RE DI SCCART | 187.38 | -152.03 | 1.2 |
| RE DI SCCART | 183.85 | -155.56 | 1.2 |
| RE DI SCCART | 181.73 | -157.68 | 1.2 |
| RE DI SCCART | 180.31 | -159.1  | 1.2 |
| RE DI SCCART | 178.9  | -160.51 | 1.2 |
| RE DI SCCART | 177.48 | -161.93 | 1.2 |
| RE DI SCCART | 176.07 | -163.34 | 1.2 |
| RE DI SCCART | 163.34 | -176.07 | 1.2 |
| RE DI SCCART | 161.93 | -177.48 | 1.2 |
| RE DI SCCART | 160.51 | -178.9  | 1.2 |
| RE DI SCCART | 159.1  | -180.31 | 1.2 |
| RE DI SCCART | 157.68 | -181.73 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEI N\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 155.56 | -183.85 | 1.2 |
| RE DI SCCART | 152.03 | -187.38 | 1.2 |
| RE DI SCCART | 148.49 | -190.92 | 1.2 |
| RE DI SCCART | 141.42 | -197.99 | 1.2 |
| RE DI SCCART | 134.35 | -205.06 | 1.2 |
| RE DI SCCART | 127.28 | -212.13 | 1.2 |
| RE DI SCCART | 120.21 | -219.2  | 1.2 |
| RE DI SCCART | 113.14 | -226.27 | 1.2 |
| RE DI SCCART | 106.07 | -233.35 | 1.2 |
| RE DI SCCART | 98.99  | -240.42 | 1.2 |
| RE DI SCCART | 247.49 | -106.07 | 1.2 |
| RE DI SCCART | 240.42 | -113.14 | 1.2 |
| RE DI SCCART | 233.35 | -120.21 | 1.2 |
| RE DI SCCART | 226.27 | -127.28 | 1.2 |
| RE DI SCCART | 219.2  | -134.35 | 1.2 |
| RE DI SCCART | 212.13 | -141.42 | 1.2 |
| RE DI SCCART | 205.06 | -148.49 | 1.2 |
| RE DI SCCART | 197.99 | -155.56 | 1.2 |
| RE DI SCCART | 194.45 | -159.1  | 1.2 |
| RE DI SCCART | 190.92 | -162.63 | 1.2 |
| RE DI SCCART | 188.8  | -164.76 | 1.2 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|              |        |         |     |
|--------------|--------|---------|-----|
| RE DI SCCART | 187.38 | -166.17 | 1.2 |
| RE DI SCCART | 185.97 | -167.58 | 1.2 |
| RE DI SCCART | 184.55 | -169.0  | 1.2 |
| RE DI SCCART | 183.14 | -170.41 | 1.2 |
| RE DI SCCART | 170.41 | -183.14 | 1.2 |
| RE DI SCCART | 169.0  | -184.55 | 1.2 |
| RE DI SCCART | 167.58 | -185.97 | 1.2 |
| RE DI SCCART | 166.17 | -187.38 | 1.2 |
| RE DI SCCART | 164.76 | -188.8  | 1.2 |
| RE DI SCCART | 162.63 | -190.92 | 1.2 |
| RE DI SCCART | 159.1  | -194.45 | 1.2 |
| RE DI SCCART | 155.56 | -197.99 | 1.2 |
| RE DI SCCART | 148.49 | -205.06 | 1.2 |
| RE DI SCCART | 141.42 | -212.13 | 1.2 |
| RE DI SCCART | 134.35 | -219.2  | 1.2 |
| RE DI SCCART | 127.28 | -226.27 | 1.2 |
| RE DI SCCART | 120.21 | -233.35 | 1.2 |
| RE DI SCCART | 113.14 | -240.42 | 1.2 |
| RE DI SCCART | 106.07 | -247.49 | 1.2 |
| RE FINISHED  |        |         |     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

ME STARTING

ME INPUTFIL "C:\NCRA\MODELING\MET DATA\SANTA ROSA\ROS03300.ASC"

ME ANEMHGHT 10 METERS

ME SURFDATA 9902 2003

ME UAI RDATA 9902 2003

ME STARTEND 2003 01 01 1 2003 12 31 24

ME FINISHED

OU STARTING

OU FINISHED

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

\*\* OUTFILE "C:\NCRA\Modelling\Acrolein Risk\Traveling Trains\Santa Rosa\13NCRA\_SR03-300\_Acrolein\_TRAV\_ANN\_SE-NW Bound\_Corrected.lst"

\*\* RAWFILE "C:\NCRA\Modelling\Acrolein Risk\Traveling Trains\Santa Rosa\13NCRA\_SR03-300\_Acrolein\_TRAV\_ANN\_SE-NW Bound\_Corrected.RAW"

\*\* RAWFMT 2

\*\* AMPDATUM 0

\*\* HILLBOUN 0 0 0 0

\*\*\*\*\*  
\*\*\* SETUP Finishes Successfully \*\*\*  
\*\*\*\*\*

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
\*\*\* 06/13/08  
\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

Direction  
\*\*MODELOPTS:

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\ACROLEIN\_RISK\TRAVELING

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 TRAINS\SANTA ROSA\13NCRA\_SR03-300\_ACROL  
 \*\*Output Print File: C:\NCRA\MODELING\ACROLEIN\_RISK\TRAVELING  
 TRAINS\SANTA ROSA\13NCRA\_SR03-300\_ACROL  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 2  
 URBAN FLAT FLGPOL DFAULT

CONC

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

| Y-DIM    | ORIENT. | NUMBER     | EMISSION | RATE | COORD (SW CORNER) | BASE     | RELEASE  | X-DIM    |
|----------|---------|------------|----------|------|-------------------|----------|----------|----------|
| AREA     | SOURCE  | INIT.      | EMISSION | RATE | X                 | Y        | ELEV.    | HEIGHT   |
| OF AREA  | PART.   | (GRAMS/SEC | SCALAR   | VARY | (METERS)          | (METERS) | (METERS) | OF AREA  |
| ID       | CATS.   | /METER**2) | BY       |      |                   |          |          | OF       |
| (METERS) | (DEG.)  | (METERS)   |          |      |                   |          |          | (METERS) |

|       |         |   |             |      |        |       |     |      |      |
|-------|---------|---|-------------|------|--------|-------|-----|------|------|
| 90.00 | NCRA_S1 | 0 | 0.36100E-10 | 2.30 | 98.6   | -92.3 | 0.0 | 4.95 | 9.00 |
| 90.00 | NCRA_S2 | 0 | 0.36100E-10 | 2.30 | 35.0   | -28.6 | 0.0 | 4.95 | 9.00 |
| 90.00 | NCRA_S3 | 0 | 0.36100E-10 | 2.30 | -28.6  | 35.0  | 0.0 | 4.95 | 9.00 |
| 90.00 | NCRA_S4 | 0 | 0.36100E-10 | 2.30 | -92.3  | 98.6  | 0.0 | 4.95 | 9.00 |
| 90.00 | NCRA_S5 | 0 | 0.36100E-10 | 2.30 | -155.9 | 162.3 | 0.0 | 4.95 | 9.00 |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 3  
 URBAN FLAT FLGPOL DFAULT

CONC

\*\*\* 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 ,

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

NCRA\_S5 NCRA\_S5 ,

ALL NCRA\_S1 , NCRA\_S2 , NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 15:11:25  
 \*\*MODELOPTs:

PAGE 4  
 CONC URBAN FLAT FLGPOL DFAULT

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

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | -106.1, | 247.5, | 0.0, | 1.2); | ( | -113.1, | 240.4, |
| 0.0, | 1.2);   |        |      |       | ( | -127.3, | 226.3, |
| (    | -120.2, | 233.4, | 0.0, | 1.2); | ( | -141.4, | 212.1, |
| 0.0, | 1.2);   |        |      |       | ( | -155.6, | 198.0, |
| (    | -134.4, | 219.2, | 0.0, | 1.2); | ( | -162.6, | 190.9, |
| 0.0, | 1.2);   |        |      |       | ( | -166.2, | 187.4, |
| (    | -148.5, | 205.1, | 0.0, | 1.2); | ( | -169.0, | 184.6, |
| 0.0, | 1.2);   |        |      |       | ( | -183.1, | 170.4, |
| (    | -159.1, | 194.4, | 0.0, | 1.2); | ( | -186.0, | 167.6, |
| 0.0, | 1.2);   |        |      |       | ( | -188.8, | 164.8, |
| (    | -164.8, | 188.8, | 0.0, | 1.2); | ( | -194.4, | 159.1, |
| 0.0, | 1.2);   |        |      |       | ( | -205.1, | 148.5, |
| (    | -167.6, | 186.0, | 0.0, | 1.2); | ( | -219.2, | 134.4, |
| 0.0, | 1.2);   |        |      |       | ( | -233.4, | 120.2, |
| (    | -170.4, | 183.1, | 0.0, | 1.2); | ( | -247.5, | 106.1, |
| 0.0, | 1.2);   |        |      |       | ( | -106.1, | 233.4, |
| (    | -184.6, | 169.0, | 0.0, | 1.2); | ( | -120.2, | 219.2, |
| 0.0, | 1.2);   |        |      |       | ( | -134.4, | 205.1, |
| (    | -187.4, | 166.2, | 0.0, | 1.2); | ( | -148.5, | 190.9, |
| 0.0, | 1.2);   |        |      |       | ( | -155.6, | 183.9, |
| (    | -190.9, | 162.6, | 0.0, | 1.2); | ( | -159.1, | 180.3, |
| 0.0, | 1.2);   |        |      |       | ( | -161.9, | 177.5, |
| (    | -198.0, | 155.6, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -212.1, | 141.4, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -226.3, | 127.3, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -240.4, | 113.1, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.0,  | 240.4, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -113.1, | 226.3, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -127.3, | 212.1, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -141.4, | 198.0, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -152.0, | 187.4, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -157.7, | 181.7, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -160.5, | 178.9, | 0.0, | 1.2); |   |         |        |
| 0.0, | 1.2);   |        |      |       |   |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |      |       |        |         |        |
|--------|---------|--------|------|-------|--------|---------|--------|
| ( 0.0, | -163.3, | 176.1, | 0.0, | 1.2); | ( 0.0, | -176.1, | 163.3, |
| ( 0.0, | -177.5, | 161.9, | 0.0, | 1.2); | ( 0.0, | -178.9, | 160.5, |
| ( 0.0, | -180.3, | 159.1, | 0.0, | 1.2); | ( 0.0, | -181.7, | 157.7, |
| ( 0.0, | -183.9, | 155.6, | 0.0, | 1.2); | ( 0.0, | -187.4, | 152.0, |
| ( 0.0, | -190.9, | 148.5, | 0.0, | 1.2); | ( 0.0, | -198.0, | 141.4, |
| ( 0.0, | -205.1, | 134.4, | 0.0, | 1.2); | ( 0.0, | -212.1, | 127.3, |
| ( 0.0, | -219.2, | 120.2, | 0.0, | 1.2); | ( 0.0, | -226.3, | 113.1, |
| ( 0.0, | -233.4, | 106.1, | 0.0, | 1.2); | ( 0.0, | -240.4, | 99.0,  |
| ( 0.0, | -91.9,  | 233.4, | 0.0, | 1.2); | ( 0.0, | -99.0,  | 226.3, |
| ( 0.0, | -106.1, | 219.2, | 0.0, | 1.2); | ( 0.0, | -113.1, | 212.1, |
| ( 0.0, | -120.2, | 205.1, | 0.0, | 1.2); | ( 0.0, | -127.3, | 198.0, |
| ( 0.0, | -134.4, | 190.9, | 0.0, | 1.2); | ( 0.0, | -141.4, | 183.9, |
| ( 0.0, | -145.0, | 180.3, | 0.0, | 1.2); | ( 0.0, | -148.5, | 176.8, |
| ( 0.0, | -150.6, | 174.7, | 0.0, | 1.2); | ( 0.0, | -152.0, | 173.2, |
| ( 0.0, | -153.4, | 171.8, | 0.0, | 1.2); | ( 0.0, | -154.9, | 170.4, |
| ( 0.0, | -156.3, | 169.0, | 0.0, | 1.2); | ( 0.0, | -169.0, | 156.3, |
| ( 0.0, | -170.4, | 154.9, | 0.0, | 1.2); | ( 0.0, | -171.8, | 153.4, |
| ( 0.0, | -173.2, | 152.0, | 0.0, | 1.2); | ( 0.0, | -174.7, | 150.6, |
| ( 0.0, | -176.8, | 148.5, | 0.0, | 1.2); | ( 0.0, | -180.3, | 145.0, |
| ( 0.0, | -183.9, | 141.4, | 0.0, | 1.2); | ( 0.0, | -190.9, | 134.4, |
| ( 0.0, | -198.0, | 127.3, | 0.0, | 1.2); | ( 0.0, | -205.1, | 120.2, |
| ( 0.0, | -212.1, | 113.1, | 0.0, | 1.2); | ( 0.0, | -219.2, | 106.1, |
| ( 0.0, | -226.3, | 99.0,  | 0.0, | 1.2); | ( 0.0, | -233.4, | 91.9,  |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 5

CONC

URBAN FLAT FLGPOL DFAULT

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

|        |        |        |      |       |        |         |        |
|--------|--------|--------|------|-------|--------|---------|--------|
| ( 0.0, | -84.8, | 226.3, | 0.0, | 1.2); | ( 0.0, | -91.9,  | 219.2, |
| ( 0.0, | -99.0, | 212.1, | 0.0, | 1.2); | ( 0.0, | -106.1, | 205.1, |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -113.1, | 198.0, | 0.0, | 1.2); | ( | -120.2, | 190.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -127.3, | 183.9, | 0.0, | 1.2); | ( | -134.4, | 176.8, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -137.9, | 173.2, | 0.0, | 1.2); | ( | -141.4, | 169.7, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -143.5, | 167.6, | 0.0, | 1.2); | ( | -145.0, | 166.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -146.4, | 164.8, | 0.0, | 1.2); | ( | -147.8, | 163.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -149.2, | 161.9, | 0.0, | 1.2); | ( | -161.9, | 149.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -163.3, | 147.8, | 0.0, | 1.2); | ( | -164.8, | 146.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -166.2, | 145.0, | 0.0, | 1.2); | ( | -167.6, | 143.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -169.7, | 141.4, | 0.0, | 1.2); | ( | -173.2, | 137.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -176.8, | 134.4, | 0.0, | 1.2); | ( | -183.9, | 127.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -190.9, | 120.2, | 0.0, | 1.2); | ( | -198.0, | 113.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -205.1, | 106.1, | 0.0, | 1.2); | ( | -212.1, | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -219.2, | 91.9,  | 0.0, | 1.2); | ( | -226.3, | 84.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -77.8,  | 219.2, | 0.0, | 1.2); | ( | -84.8,  | 212.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -91.9,  | 205.1, | 0.0, | 1.2); | ( | -99.0,  | 198.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | 190.9, | 0.0, | 1.2); | ( | -113.1, | 183.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -120.2, | 176.8, | 0.0, | 1.2); | ( | -127.3, | 169.7, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -130.8, | 166.2, | 0.0, | 1.2); | ( | -134.4, | 162.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -136.5, | 160.5, | 0.0, | 1.2); | ( | -137.9, | 159.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -139.3, | 157.7, | 0.0, | 1.2); | ( | -140.7, | 156.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -142.1, | 154.9, | 0.0, | 1.2); | ( | -154.9, | 142.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -156.3, | 140.7, | 0.0, | 1.2); | ( | -157.7, | 139.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -159.1, | 137.9, | 0.0, | 1.2); | ( | -160.5, | 136.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -162.6, | 134.4, | 0.0, | 1.2); | ( | -166.2, | 130.8, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -169.7, | 127.3, | 0.0, | 1.2); | ( | -176.8, | 120.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -183.9, | 113.1, | 0.0, | 1.2); | ( | -190.9, | 106.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -198.0, | 99.0,  | 0.0, | 1.2); | ( | -205.1, | 91.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -212.1, | 84.8,  | 0.0, | 1.2); | ( | -219.2, | 77.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -70.7,  | 212.1, | 0.0, | 1.2); | ( | -77.8,  | 205.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -84.8,  | 198.0, | 0.0, | 1.2); | ( | -91.9,  | 190.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.0,  | 183.9, | 0.0, | 1.2); | ( | -106.1, | 176.8, |
| 0.0, | 1.2);   |        |      |       |   |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | -113.1, | 169.7, | 0.0, | 1.2); | ( | -120.2, | 162.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -123.7, | 159.1, | 0.0, | 1.2); | ( | -127.3, | 155.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -129.4, | 153.4, | 0.0, | 1.2); | ( | -130.8, | 152.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -132.2, | 150.6, | 0.0, | 1.2); | ( | -133.6, | 149.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -135.1, | 147.8, | 0.0, | 1.2); | ( | -147.8, | 135.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -149.2, | 133.6, | 0.0, | 1.2); | ( | -150.6, | 132.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -152.0, | 130.8, | 0.0, | 1.2); | ( | -153.4, | 129.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -155.6, | 127.3, | 0.0, | 1.2); | ( | -159.1, | 123.7, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -162.6, | 120.2, | 0.0, | 1.2); | ( | -169.7, | 113.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -176.8, | 106.1, | 0.0, | 1.2); | ( | -183.9, | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -190.9, | 91.9,  | 0.0, | 1.2); | ( | -198.0, | 84.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -205.1, | 77.8,  | 0.0, | 1.2); | ( | -212.1, | 70.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 6  
 URBAN FLAT FLGPOL DFAULT

CONC

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

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | -63.6,  | 205.1, | 0.0, | 1.2); | ( | -70.7,  | 198.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -77.8,  | 190.9, | 0.0, | 1.2); | ( | -84.8,  | 183.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -91.9,  | 176.8, | 0.0, | 1.2); | ( | -99.0,  | 169.7, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | 162.6, | 0.0, | 1.2); | ( | -113.1, | 155.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -116.7, | 152.0, | 0.0, | 1.2); | ( | -120.2, | 148.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -122.3, | 146.4, | 0.0, | 1.2); | ( | -123.7, | 145.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -125.2, | 143.5, | 0.0, | 1.2); | ( | -126.6, | 142.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -128.0, | 140.7, | 0.0, | 1.2); | ( | -140.7, | 128.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -142.1, | 126.6, | 0.0, | 1.2); | ( | -143.5, | 125.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -145.0, | 123.7, | 0.0, | 1.2); | ( | -146.4, | 122.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -148.5, | 120.2, | 0.0, | 1.2); | ( | -152.0, | 116.7, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -155.6, | 113.1, | 0.0, | 1.2); | ( | -162.6, | 106.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -169.7, | 99.0,  | 0.0, | 1.2); | ( | -176.8, | 91.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -183.9, | 84.8,  | 0.0, | 1.2); | ( | -190.9, | 77.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -198.0, | 70.7,  | 0.0, | 1.2); | ( | -205.1, | 63.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -56.6,  | 198.0, | 0.0, | 1.2); | ( | -63.6,  | 190.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -70.7,  | 183.9, | 0.0, | 1.2); | ( | -77.8,  | 176.8, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -84.8,  | 169.7, | 0.0, | 1.2); | ( | -91.9,  | 162.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.0,  | 155.6, | 0.0, | 1.2); | ( | -106.1, | 148.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -109.6, | 145.0, | 0.0, | 1.2); | ( | -113.1, | 141.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -115.3, | 139.3, | 0.0, | 1.2); | ( | -116.7, | 137.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -118.1, | 136.5, | 0.0, | 1.2); | ( | -119.5, | 135.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -120.9, | 133.6, | 0.0, | 1.2); | ( | -133.6, | 120.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -135.1, | 119.5, | 0.0, | 1.2); | ( | -136.5, | 118.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -137.9, | 116.7, | 0.0, | 1.2); | ( | -139.3, | 115.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -141.4, | 113.1, | 0.0, | 1.2); | ( | -145.0, | 109.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -148.5, | 106.1, | 0.0, | 1.2); | ( | -155.6, | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -162.6, | 91.9,  | 0.0, | 1.2); | ( | -169.7, | 84.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -176.8, | 77.8,  | 0.0, | 1.2); | ( | -183.9, | 70.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -190.9, | 63.6,  | 0.0, | 1.2); | ( | -198.0, | 56.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -49.5,  | 190.9, | 0.0, | 1.2); | ( | -56.6,  | 183.9, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -63.6,  | 176.8, | 0.0, | 1.2); | ( | -70.7,  | 169.7, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -77.8,  | 162.6, | 0.0, | 1.2); | ( | -84.8,  | 155.6, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -91.9,  | 148.5, | 0.0, | 1.2); | ( | -99.0,  | 141.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -102.5, | 137.9, | 0.0, | 1.2); | ( | -106.1, | 134.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -108.2, | 132.2, | 0.0, | 1.2); | ( | -109.6, | 130.8, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -111.0, | 129.4, | 0.0, | 1.2); | ( | -112.4, | 128.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -113.8, | 126.6, | 0.0, | 1.2); | ( | -126.6, | 113.8, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -128.0, | 112.4, | 0.0, | 1.2); | ( | -129.4, | 111.0, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -130.8, | 109.6, | 0.0, | 1.2); | ( | -132.2, | 108.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -134.4, | 106.1, | 0.0, | 1.2); | ( | -137.9, | 102.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -141.4, | 99.0,  | 0.0, | 1.2); | ( | -148.5, | 91.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -155.6, | 84.8,  | 0.0, | 1.2); | ( | -162.6, | 77.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -169.7, | 70.7,  | 0.0, | 1.2); | ( | -176.8, | 63.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |

( -183.9, 56.6, 0.0, 1.2); ( -190.9, 49.5, 0.0, 1.2);

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

Direction  
\*\*MODELOPTs:

PAGE 7  
URBAN FLAT FLGPOL DFAULT

CONC

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

|                             |                             |
|-----------------------------|-----------------------------|
| ( -42.4, 183.9, 0.0, 1.2);  | ( -49.5, 176.8, 0.0, 1.2);  |
| ( -56.6, 169.7, 0.0, 1.2);  | ( -63.6, 162.6, 0.0, 1.2);  |
| ( -70.7, 155.6, 0.0, 1.2);  | ( -77.8, 148.5, 0.0, 1.2);  |
| ( -84.8, 141.4, 0.0, 1.2);  | ( -91.9, 134.4, 0.0, 1.2);  |
| ( -95.5, 130.8, 0.0, 1.2);  | ( -99.0, 127.3, 0.0, 1.2);  |
| ( -101.1, 125.2, 0.0, 1.2); | ( -102.5, 123.7, 0.0, 1.2); |
| ( -103.9, 122.3, 0.0, 1.2); | ( -105.4, 120.9, 0.0, 1.2); |
| ( -106.8, 119.5, 0.0, 1.2); | ( -119.5, 106.8, 0.0, 1.2); |
| ( -120.9, 105.4, 0.0, 1.2); | ( -122.3, 103.9, 0.0, 1.2); |
| ( -123.7, 102.5, 0.0, 1.2); | ( -125.2, 101.1, 0.0, 1.2); |
| ( -127.3, 99.0, 0.0, 1.2);  | ( -130.8, 95.5, 0.0, 1.2);  |
| ( -134.4, 91.9, 0.0, 1.2);  | ( -141.4, 84.8, 0.0, 1.2);  |
| ( -148.5, 77.8, 0.0, 1.2);  | ( -155.6, 70.7, 0.0, 1.2);  |
| ( -162.6, 63.6, 0.0, 1.2);  | ( -169.7, 56.6, 0.0, 1.2);  |
| ( -176.8, 49.5, 0.0, 1.2);  | ( -183.9, 42.4, 0.0, 1.2);  |
| ( -35.4, 176.8, 0.0, 1.2);  | ( -42.4, 169.7, 0.0, 1.2);  |
| ( -49.5, 162.6, 0.0, 1.2);  | ( -56.6, 155.6, 0.0, 1.2);  |
| ( -63.6, 148.5, 0.0, 1.2);  | ( -70.7, 141.4, 0.0, 1.2);  |
| ( -77.8, 134.4, 0.0, 1.2);  | ( -84.8, 127.3, 0.0, 1.2);  |
| ( -88.4, 123.7, 0.0, 1.2);  | ( -91.9, 120.2, 0.0, 1.2);  |
| ( -94.1, 118.1, 0.0, 1.2);  | ( -95.5, 116.7, 0.0, 1.2);  |
| ( -96.9, 115.3, 0.0, 1.2);  | ( -98.3, 113.8, 0.0, 1.2);  |
| ( -99.7, 112.4, 0.0, 1.2);  | ( -112.4, 99.7, 0.0, 1.2);  |
| ( -113.8, 98.3, 0.0, 1.2);  | ( -115.3, 96.9, 0.0, 1.2);  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |        |       |       |   |         |        |  |
|---------|--------|-------|-------|---|---------|--------|--|
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -116.7, | 95.5,  | 0.0,  | 1.2); | ( | -118.1, | 94.1,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -120.2, | 91.9,  | 0.0,  | 1.2); | ( | -123.7, | 88.4,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -127.3, | 84.8,  | 0.0,  | 1.2); | ( | -134.4, | 77.8,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -141.4, | 70.7,  | 0.0,  | 1.2); | ( | -148.5, | 63.6,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -155.6, | 56.6,  | 0.0,  | 1.2); | ( | -162.6, | 49.5,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -169.7, | 42.4,  | 0.0,  | 1.2); | ( | -176.8, | 35.4,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -28.3,  | 169.7, | 0.0,  | 1.2); | ( | -35.4,  | 162.6, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -42.4,  | 155.6, | 0.0,  | 1.2); | ( | -49.5,  | 148.5, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -56.6,  | 141.4, | 0.0,  | 1.2); | ( | -63.6,  | 134.4, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -70.7,  | 127.3, | 0.0,  | 1.2); | ( | -77.8,  | 120.2, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -81.3,  | 116.7, | 0.0,  | 1.2); | ( | -84.8,  | 113.1, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -87.0,  | 111.0, | 0.0,  | 1.2); | ( | -88.4,  | 109.6, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -89.8,  | 108.2, | 0.0,  | 1.2); | ( | -91.2,  | 106.8, |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -92.6,  | 105.4, | 0.0,  | 1.2); | ( | -105.4, | 92.6,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -106.8, | 91.2,  | 0.0,  | 1.2); | ( | -108.2, | 89.8,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -109.6, | 88.4,  | 0.0,  | 1.2); | ( | -111.0, | 87.0,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -113.1, | 84.8,  | 0.0,  | 1.2); | ( | -116.7, | 81.3,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -120.2, | 77.8,  | 0.0,  | 1.2); | ( | -127.3, | 70.7,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -134.4, | 63.6,  | 0.0,  | 1.2); | ( | -141.4, | 56.6,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -148.5, | 49.5,  | 0.0,  | 1.2); | ( | -155.6, | 42.4,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |
| -162.6, | 35.4,  | 0.0,  | 1.2); | ( | -169.7, | 28.3,  |  |
| 0.0,    | (      | 1.2); |       |   |         |        |  |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 8  
 CONC URBAN FLAT FLGPOL DFAULT

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

|        |        |        |       |       |        |        |        |
|--------|--------|--------|-------|-------|--------|--------|--------|
| (      | -21.2, | 162.6, | 0.0,  | 1.2); | (      | -28.3, | 155.6, |
| 0.0,   | (      | 1.2);  |       |       |        |        |        |
| -35.4, | 148.5, | 0.0,   | 1.2); | (     | -42.4, | 141.4, |        |
| 0.0,   | (      | 1.2);  |       |       |        |        |        |
| -49.5, | 134.4, | 0.0,   | 1.2); | (     | -56.6, | 127.3, |        |
| 0.0,   | (      | 1.2);  |       |       |        |        |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | -63.6,  | 120.2, | 0.0, | 1.2); | ( | -70.7,  | 113.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -74.2,  | 109.6, | 0.0, | 1.2); | ( | -77.8,  | 106.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -79.9,  | 103.9, | 0.0, | 1.2); | ( | -81.3,  | 102.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -82.7,  | 101.1, | 0.0, | 1.2); | ( | -84.2,  | 99.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -85.6,  | 98.3,  | 0.0, | 1.2); | ( | -98.3,  | 85.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.7,  | 84.2,  | 0.0, | 1.2); | ( | -101.1, | 82.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -102.5, | 81.3,  | 0.0, | 1.2); | ( | -103.9, | 79.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | 77.8,  | 0.0, | 1.2); | ( | -109.6, | 74.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -113.1, | 70.7,  | 0.0, | 1.2); | ( | -120.2, | 63.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -127.3, | 56.6,  | 0.0, | 1.2); | ( | -134.4, | 49.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -141.4, | 42.4,  | 0.0, | 1.2); | ( | -148.5, | 35.4,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -155.6, | 28.3,  | 0.0, | 1.2); | ( | -162.6, | 21.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -14.1,  | 155.6, | 0.0, | 1.2); | ( | -21.2,  | 148.5, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -28.3,  | 141.4, | 0.0, | 1.2); | ( | -35.4,  | 134.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -42.4,  | 127.3, | 0.0, | 1.2); | ( | -49.5,  | 120.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -56.6,  | 113.1, | 0.0, | 1.2); | ( | -63.6,  | 106.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -67.2,  | 102.5, | 0.0, | 1.2); | ( | -70.7,  | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -72.8,  | 96.9,  | 0.0, | 1.2); | ( | -74.2,  | 95.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -75.7,  | 94.1,  | 0.0, | 1.2); | ( | -77.1,  | 92.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -78.5,  | 91.2,  | 0.0, | 1.2); | ( | -91.2,  | 78.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -92.6,  | 77.1,  | 0.0, | 1.2); | ( | -94.1,  | 75.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -95.5,  | 74.2,  | 0.0, | 1.2); | ( | -96.9,  | 72.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.0,  | 70.7,  | 0.0, | 1.2); | ( | -102.5, | 67.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | 63.6,  | 0.0, | 1.2); | ( | -113.1, | 56.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -120.2, | 49.5,  | 0.0, | 1.2); | ( | -127.3, | 42.4,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -134.4, | 35.4,  | 0.0, | 1.2); | ( | -141.4, | 28.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -148.5, | 21.2,  | 0.0, | 1.2); | ( | -155.6, | 14.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -7.1,   | 148.5, | 0.0, | 1.2); | ( | -14.1,  | 141.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -21.2,  | 134.4, | 0.0, | 1.2); | ( | -28.3,  | 127.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -35.4,  | 120.2, | 0.0, | 1.2); | ( | -42.4,  | 113.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -49.5,  | 106.1, | 0.0, | 1.2); | ( | -56.6,  | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -60.1,  | 95.5,  | 0.0, | 1.2); | ( | -63.6,  | 91.9,  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |       |      |       |   |         |       |
|------|---------|-------|------|-------|---|---------|-------|
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -65.8,  | 89.8, | 0.0, | 1.2); | ( | -67.2,  | 88.4, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -68.6,  | 87.0, | 0.0, | 1.2); | ( | -70.0,  | 85.6, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -71.4,  | 84.2, | 0.0, | 1.2); | ( | -84.2,  | 71.4, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -85.6,  | 70.0, | 0.0, | 1.2); | ( | -87.0,  | 68.6, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -88.4,  | 67.2, | 0.0, | 1.2); | ( | -89.8,  | 65.8, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -91.9,  | 63.6, | 0.0, | 1.2); | ( | -95.5,  | 60.1, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -99.0,  | 56.6, | 0.0, | 1.2); | ( | -106.1, | 49.5, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -113.1, | 42.4, | 0.0, | 1.2); | ( | -120.2, | 35.4, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -127.3, | 28.3, | 0.0, | 1.2); | ( | -134.4, | 21.2, |
| 0.0, | 1.2);   |       |      |       |   |         |       |
| (    | -141.4, | 14.1, | 0.0, | 1.2); | ( | -148.5, | 7.1,  |
| 0.0, | 1.2);   |       |      |       |   |         |       |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 9  
 URBAN FLAT FLGPOL DFAULT

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

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | 0.0,    | 141.4, | 0.0, | 1.2); | ( | -7.1,   | 134.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -14.1,  | 127.3, | 0.0, | 1.2); | ( | -21.2,  | 120.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -28.3,  | 113.1, | 0.0, | 1.2); | ( | -35.4,  | 106.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -42.4,  | 99.0,  | 0.0, | 1.2); | ( | -49.5,  | 91.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -53.0,  | 88.4,  | 0.0, | 1.2); | ( | -56.6,  | 84.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -58.7,  | 82.7,  | 0.0, | 1.2); | ( | -60.1,  | 81.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -61.5,  | 79.9,  | 0.0, | 1.2); | ( | -62.9,  | 78.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -64.3,  | 77.1,  | 0.0, | 1.2); | ( | -77.1,  | 64.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -78.5,  | 62.9,  | 0.0, | 1.2); | ( | -79.9,  | 61.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -81.3,  | 60.1,  | 0.0, | 1.2); | ( | -82.7,  | 58.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -84.8,  | 56.6,  | 0.0, | 1.2); | ( | -88.4,  | 53.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -91.9,  | 49.5,  | 0.0, | 1.2); | ( | -99.0,  | 42.4,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | 35.4,  | 0.0, | 1.2); | ( | -113.1, | 28.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -120.2, | 21.2,  | 0.0, | 1.2); | ( | -127.3, | 14.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | -134.4, | 7.1,   | 0.0, | 1.2); | ( | -141.4, | 0.0,   |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | 7.1,    | 134.4, | 0.0, | 1.2); | ( | 0.0,    | 127.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -7.1,   | 120.2, | 0.0, | 1.2); | ( | -14.1,  | 113.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -21.2,  | 106.1, | 0.0, | 1.2); | ( | -28.3,  | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -35.4,  | 91.9,  | 0.0, | 1.2); | ( | -42.4,  | 84.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -46.0,  | 81.3,  | 0.0, | 1.2); | ( | -49.5,  | 77.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -51.6,  | 75.7,  | 0.0, | 1.2); | ( | -53.0,  | 74.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -54.5,  | 72.8,  | 0.0, | 1.2); | ( | -55.9,  | 71.4,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -57.3,  | 70.0,  | 0.0, | 1.2); | ( | -70.0,  | 57.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -71.4,  | 55.9,  | 0.0, | 1.2); | ( | -72.8,  | 54.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -74.2,  | 53.0,  | 0.0, | 1.2); | ( | -75.7,  | 51.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -77.8,  | 49.5,  | 0.0, | 1.2); | ( | -81.3,  | 46.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -84.8,  | 42.4,  | 0.0, | 1.2); | ( | -91.9,  | 35.4,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.0,  | 28.3,  | 0.0, | 1.2); | ( | -106.1, | 21.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -113.1, | 14.1,  | 0.0, | 1.2); | ( | -120.2, | 7.1,   |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -127.3, | 0.0,   | 0.0, | 1.2); | ( | -134.4, | -7.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | 14.1,   | 127.3, | 0.0, | 1.2); | ( | 7.1,    | 120.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | 0.0,    | 113.1, | 0.0, | 1.2); | ( | -7.1,   | 106.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -14.1,  | 99.0,  | 0.0, | 1.2); | ( | -21.2,  | 91.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -28.3,  | 84.8,  | 0.0, | 1.2); | ( | -35.4,  | 77.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -38.9,  | 74.2,  | 0.0, | 1.2); | ( | -42.4,  | 70.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -44.5,  | 68.6,  | 0.0, | 1.2); | ( | -46.0,  | 67.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -47.4,  | 65.8,  | 0.0, | 1.2); | ( | -48.8,  | 64.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -50.2,  | 62.9,  | 0.0, | 1.2); | ( | -62.9,  | 50.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -64.3,  | 48.8,  | 0.0, | 1.2); | ( | -65.8,  | 47.4,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -67.2,  | 46.0,  | 0.0, | 1.2); | ( | -68.6,  | 44.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -70.7,  | 42.4,  | 0.0, | 1.2); | ( | -74.2,  | 38.9,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -77.8,  | 35.4,  | 0.0, | 1.2); | ( | -84.8,  | 28.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -91.9,  | 21.2,  | 0.0, | 1.2); | ( | -99.0,  | 14.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | 7.1,   | 0.0, | 1.2); | ( | -113.1, | 0.0,   |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -120.2, | -7.1,  | 0.0, | 1.2); | ( | -127.3, | -14.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |



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06/13/08

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Maximum train overlap at SE/NW Bound

15:11:25

Direction  
\*\*MODELOPTs:

\*\*\*

PAGE 10

CONC

URBAN FLAT FLGPOL DFAULT

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

|                                  |                  |
|----------------------------------|------------------|
| ( 0.0, 21.2, 120.2, 0.0, 1.2);   | ( 14.1, 113.1,   |
| ( 0.0, 7.1, 106.1, 0.0, 1.2);    | ( 0.0, 99.0,     |
| ( 0.0, -7.1, 91.9, 0.0, 1.2);    | ( -14.1, 84.8,   |
| ( 0.0, -21.2, 77.8, 0.0, 1.2);   | ( -28.3, 70.7,   |
| ( 0.0, -31.8, 67.2, 0.0, 1.2);   | ( -35.4, 63.6,   |
| ( 0.0, -37.5, 61.5, 0.0, 1.2);   | ( -38.9, 60.1,   |
| ( 0.0, -40.3, 58.7, 0.0, 1.2);   | ( -41.7, 57.3,   |
| ( 0.0, -43.1, 55.9, 0.0, 1.2);   | ( -55.9, 43.1,   |
| ( 0.0, -57.3, 41.7, 0.0, 1.2);   | ( -58.7, 40.3,   |
| ( 0.0, -60.1, 38.9, 0.0, 1.2);   | ( -61.5, 37.5,   |
| ( 0.0, -63.6, 35.4, 0.0, 1.2);   | ( -67.2, 31.8,   |
| ( 0.0, -70.7, 28.3, 0.0, 1.2);   | ( -77.8, 21.2,   |
| ( 0.0, -84.8, 14.1, 0.0, 1.2);   | ( -91.9, 7.1,    |
| ( 0.0, -99.0, 0.0, 0.0, 1.2);    | ( -106.1, -7.1,  |
| ( 0.0, -113.1, -14.1, 0.0, 1.2); | ( -120.2, -21.2, |
| ( 0.0, 28.3, 113.1, 0.0, 1.2);   | ( 21.2, 106.1,   |
| ( 0.0, 14.1, 99.0, 0.0, 1.2);    | ( 7.1, 91.9,     |
| ( 0.0, 0.0, 84.8, 0.0, 1.2);     | ( -7.1, 77.8,    |
| ( 0.0, -14.1, 70.7, 0.0, 1.2);   | ( -21.2, 63.6,   |
| ( 0.0, -24.8, 60.1, 0.0, 1.2);   | ( -28.3, 56.6,   |
| ( 0.0, -30.4, 54.5, 0.0, 1.2);   | ( -31.8, 53.0,   |
| ( 0.0, -33.2, 51.6, 0.0, 1.2);   | ( -34.7, 50.2,   |
| ( 0.0, -36.1, 48.8, 0.0, 1.2);   | ( -48.8, 36.1,   |
| ( 0.0, -50.2, 34.7, 0.0, 1.2);   | ( -51.6, 33.2,   |
| ( 0.0, -53.0, 31.8, 0.0, 1.2);   | ( -54.5, 30.4,   |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |         |        |      |       |   |         |        |
|------|---------|--------|------|-------|---|---------|--------|
| (    | -56.6,  | 28.3,  | 0.0, | 1.2); | ( | -60.1,  | 24.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -63.6,  | 21.2,  | 0.0, | 1.2); | ( | -70.7,  | 14.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -77.8,  | 7.1,   | 0.0, | 1.2); | ( | -84.8,  | 0.0,   |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -91.9,  | -7.1,  | 0.0, | 1.2); | ( | -99.0,  | -14.1, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -106.1, | -21.2, | 0.0, | 1.2); | ( | -113.1, | -28.3, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | 35.4,   | 106.1, | 0.0, | 1.2); | ( | 28.3,   | 99.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | 21.2,   | 91.9,  | 0.0, | 1.2); | ( | 14.1,   | 84.8,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | 7.1,    | 77.8,  | 0.0, | 1.2); | ( | 0.0,    | 70.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -7.1,   | 63.6,  | 0.0, | 1.2); | ( | -14.1,  | 56.6,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -17.7,  | 53.0,  | 0.0, | 1.2); | ( | -21.2,  | 49.5,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -23.3,  | 47.4,  | 0.0, | 1.2); | ( | -24.8,  | 46.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -26.2,  | 44.5,  | 0.0, | 1.2); | ( | -27.6,  | 43.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -29.0,  | 41.7,  | 0.0, | 1.2); | ( | -41.7,  | 29.0,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -43.1,  | 27.6,  | 0.0, | 1.2); | ( | -44.5,  | 26.2,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -46.0,  | 24.8,  | 0.0, | 1.2); | ( | -47.4,  | 23.3,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -49.5,  | 21.2,  | 0.0, | 1.2); | ( | -53.0,  | 17.7,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -56.6,  | 14.1,  | 0.0, | 1.2); | ( | -63.6,  | 7.1,   |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -70.7,  | 0.0,   | 0.0, | 1.2); | ( | -77.8,  | -7.1,  |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -84.8,  | -14.1, | 0.0, | 1.2); | ( | -91.9,  | -21.2, |
| 0.0, | 1.2);   |        |      |       |   |         |        |
| (    | -99.0,  | -28.3, | 0.0, | 1.2); | ( | -106.1, | -35.4, |
| 0.0, | 1.2);   |        |      |       |   |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 11

CONC

URBAN FLAT FLGPOL DFAULT

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

|      |        |       |      |       |   |        |       |
|------|--------|-------|------|-------|---|--------|-------|
| (    | 42.4,  | 99.0, | 0.0, | 1.2); | ( | 35.4,  | 91.9, |
| 0.0, | 1.2);  |       |      |       |   |        |       |
| (    | 28.3,  | 84.8, | 0.0, | 1.2); | ( | 21.2,  | 77.8, |
| 0.0, | 1.2);  |       |      |       |   |        |       |
| (    | 14.1,  | 70.7, | 0.0, | 1.2); | ( | 7.1,   | 63.6, |
| 0.0, | 1.2);  |       |      |       |   |        |       |
| (    | 0.0,   | 56.6, | 0.0, | 1.2); | ( | -7.1,  | 49.5, |
| 0.0, | 1.2);  |       |      |       |   |        |       |
| (    | -10.6, | 46.0, | 0.0, | 1.2); | ( | -14.1, | 42.4, |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |        |      |       |   |        |        |
|------|--------|--------|------|-------|---|--------|--------|
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -16.3, | 40.3,  | 0.0, | 1.2); | ( | -17.7, | 38.9,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -19.1, | 37.5,  | 0.0, | 1.2); | ( | -20.5, | 36.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -21.9, | 34.7,  | 0.0, | 1.2); | ( | -34.7, | 21.9,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -36.1, | 20.5,  | 0.0, | 1.2); | ( | -37.5, | 19.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -38.9, | 17.7,  | 0.0, | 1.2); | ( | -40.3, | 16.3,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -42.4, | 14.1,  | 0.0, | 1.2); | ( | -46.0, | 10.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -49.5, | 7.1,   | 0.0, | 1.2); | ( | -56.6, | 0.0,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -63.6, | -7.1,  | 0.0, | 1.2); | ( | -70.7, | -14.1, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -77.8, | -21.2, | 0.0, | 1.2); | ( | -84.8, | -28.3, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -91.9, | -35.4, | 0.0, | 1.2); | ( | -99.0, | -42.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 49.5,  | 91.9,  | 0.0, | 1.2); | ( | 42.4,  | 84.8,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 35.4,  | 77.8,  | 0.0, | 1.2); | ( | 28.3,  | 70.7,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 21.2,  | 63.6,  | 0.0, | 1.2); | ( | 14.1,  | 56.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 7.1,   | 49.5,  | 0.0, | 1.2); | ( | 0.0,   | 42.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -3.5,  | 38.9,  | 0.0, | 1.2); | ( | -7.1,  | 35.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -9.2,  | 33.2,  | 0.0, | 1.2); | ( | -10.6, | 31.8,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -12.0, | 30.4,  | 0.0, | 1.2); | ( | -13.4, | 29.0,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -14.9, | 27.6,  | 0.0, | 1.2); | ( | -27.6, | 14.9,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -29.0, | 13.4,  | 0.0, | 1.2); | ( | -30.4, | 12.0,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -31.8, | 10.6,  | 0.0, | 1.2); | ( | -33.2, | 9.2,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -35.4, | 7.1,   | 0.0, | 1.2); | ( | -38.9, | 3.5,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -42.4, | 0.0,   | 0.0, | 1.2); | ( | -49.5, | -7.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -56.6, | -14.1, | 0.0, | 1.2); | ( | -63.6, | -21.2, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -70.7, | -28.3, | 0.0, | 1.2); | ( | -77.8, | -35.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -84.8, | -42.4, | 0.0, | 1.2); | ( | -91.9, | -49.5, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 56.6,  | 84.8,  | 0.0, | 1.2); | ( | 49.5,  | 77.8,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 42.4,  | 70.7,  | 0.0, | 1.2); | ( | 35.4,  | 63.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 28.3,  | 56.6,  | 0.0, | 1.2); | ( | 21.2,  | 49.5,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 14.1,  | 42.4,  | 0.0, | 1.2); | ( | 7.1,   | 35.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 3.5,   | 31.8,  | 0.0, | 1.2); | ( | 0.0,   | 28.3,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -2.1,  | 26.2,  | 0.0, | 1.2); | ( | -3.5,  | 24.8,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |        |      |       |   |        |        |
|------|--------|--------|------|-------|---|--------|--------|
| (    | -4.9,  | 23.3,  | 0.0, | 1.2); | ( | -6.4,  | 21.9,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -7.8,  | 20.5,  | 0.0, | 1.2); | ( | -20.5, | 7.8,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -21.9, | 6.4,   | 0.0, | 1.2); | ( | -23.3, | 4.9,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -24.8, | 3.5,   | 0.0, | 1.2); | ( | -26.2, | 2.1,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -28.3, | 0.0,   | 0.0, | 1.2); | ( | -31.8, | -3.5,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -35.4, | -7.1,  | 0.0, | 1.2); | ( | -42.4, | -14.1, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -49.5, | -21.2, | 0.0, | 1.2); | ( | -56.6, | -28.3, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -63.6, | -35.4, | 0.0, | 1.2); | ( | -70.7, | -42.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -77.8, | -49.5, | 0.0, | 1.2); | ( | -84.8, | -56.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 12  
 URBAN FLAT FLGPOL DFAULT

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

|      |        |        |      |       |   |        |        |
|------|--------|--------|------|-------|---|--------|--------|
| (    | 63.6,  | 77.8,  | 0.0, | 1.2); | ( | 56.6,  | 70.7,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 49.5,  | 63.6,  | 0.0, | 1.2); | ( | 42.4,  | 56.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 35.4,  | 49.5,  | 0.0, | 1.2); | ( | 28.3,  | 42.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 21.2,  | 35.4,  | 0.0, | 1.2); | ( | 14.1,  | 28.3,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 10.6,  | 24.8,  | 0.0, | 1.2); | ( | 7.1,   | 21.2,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 4.9,   | 19.1,  | 0.0, | 1.2); | ( | 3.5,   | 17.7,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 2.1,   | 16.3,  | 0.0, | 1.2); | ( | 0.7,   | 14.9,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -0.7,  | 13.4,  | 0.0, | 1.2); | ( | -13.4, | 0.7,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -14.9, | -0.7,  | 0.0, | 1.2); | ( | -16.3, | -2.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -17.7, | -3.5,  | 0.0, | 1.2); | ( | -19.1, | -4.9,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -21.2, | -7.1,  | 0.0, | 1.2); | ( | -24.8, | -10.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -28.3, | -14.1, | 0.0, | 1.2); | ( | -35.4, | -21.2, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -42.4, | -28.3, | 0.0, | 1.2); | ( | -49.5, | -35.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -56.6, | -42.4, | 0.0, | 1.2); | ( | -63.6, | -49.5, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -70.7, | -56.6, | 0.0, | 1.2); | ( | -77.8, | -63.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 70.7,  | 70.7,  | 0.0, | 1.2); | ( | 63.6,  | 63.6,  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |        |      |       |   |        |        |
|------|--------|--------|------|-------|---|--------|--------|
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 56.6,  | 56.6,  | 0.0, | 1.2); | ( | 49.5,  | 49.5,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 42.4,  | 42.4,  | 0.0, | 1.2); | ( | 35.4,  | 35.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 28.3,  | 28.3,  | 0.0, | 1.2); | ( | 21.2,  | 21.2,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 17.7,  | 17.7,  | 0.0, | 1.2); | ( | 14.1,  | 14.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 12.0,  | 12.0,  | 0.0, | 1.2); | ( | 10.6,  | 10.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 9.2,   | 9.2,   | 0.0, | 1.2); | ( | 7.8,   | 7.8,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 6.4,   | 6.4,   | 0.0, | 1.2); | ( | -6.4,  | -6.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -7.8,  | -7.8,  | 0.0, | 1.2); | ( | -9.2,  | -9.2,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -10.6, | -10.6, | 0.0, | 1.2); | ( | -12.0, | -12.0, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -14.1, | -14.1, | 0.0, | 1.2); | ( | -17.7, | -17.7, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -21.2, | -21.2, | 0.0, | 1.2); | ( | -28.3, | -28.3, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -35.4, | -35.4, | 0.0, | 1.2); | ( | -42.4, | -42.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -49.5, | -49.5, | 0.0, | 1.2); | ( | -56.6, | -56.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -63.6, | -63.6, | 0.0, | 1.2); | ( | -70.7, | -70.7, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 77.8,  | 63.6,  | 0.0, | 1.2); | ( | 70.7,  | 56.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 63.6,  | 49.5,  | 0.0, | 1.2); | ( | 56.6,  | 42.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 49.5,  | 35.4,  | 0.0, | 1.2); | ( | 42.4,  | 28.3,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 35.4,  | 21.2,  | 0.0, | 1.2); | ( | 28.3,  | 14.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 24.8,  | 10.6,  | 0.0, | 1.2); | ( | 21.2,  | 7.1,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 19.1,  | 4.9,   | 0.0, | 1.2); | ( | 17.7,  | 3.5,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 16.3,  | 2.1,   | 0.0, | 1.2); | ( | 14.9,  | 0.7,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 13.4,  | -0.7,  | 0.0, | 1.2); | ( | 0.7,   | -13.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -0.7,  | -14.9, | 0.0, | 1.2); | ( | -2.1,  | -16.3, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -3.5,  | -17.7, | 0.0, | 1.2); | ( | -4.9,  | -19.1, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -7.1,  | -21.2, | 0.0, | 1.2); | ( | -10.6, | -24.8, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -14.1, | -28.3, | 0.0, | 1.2); | ( | -21.2, | -35.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -28.3, | -42.4, | 0.0, | 1.2); | ( | -35.4, | -49.5, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -42.4, | -56.6, | 0.0, | 1.2); | ( | -49.5, | -63.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -56.6, | -70.7, | 0.0, | 1.2); | ( | -63.6, | -77.8, |
| 0.0, | 1.2);  |        |      |       |   |        |        |

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

\*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound

Direction

\*\*\*

15:11:25

\*\*MODELOPTS:

CONC

URBAN FLAT FLGPOL DFAULT

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

|      |        |        |      |       |   |        |        |
|------|--------|--------|------|-------|---|--------|--------|
| (    | 84.8,  | 56.6,  | 0.0, | 1.2); | ( | 77.8,  | 49.5,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 70.7,  | 42.4,  | 0.0, | 1.2); | ( | 63.6,  | 35.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 56.6,  | 28.3,  | 0.0, | 1.2); | ( | 49.5,  | 21.2,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 42.4,  | 14.1,  | 0.0, | 1.2); | ( | 35.4,  | 7.1,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 31.8,  | 3.5,   | 0.0, | 1.2); | ( | 28.3,  | 0.0,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 26.2,  | -2.1,  | 0.0, | 1.2); | ( | 24.8,  | -3.5,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 23.3,  | -4.9,  | 0.0, | 1.2); | ( | 21.9,  | -6.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 20.5,  | -7.8,  | 0.0, | 1.2); | ( | 7.8,   | -20.5, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 6.4,   | -21.9, | 0.0, | 1.2); | ( | 4.9,   | -23.3, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 3.5,   | -24.8, | 0.0, | 1.2); | ( | 2.1,   | -26.2, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 0.0,   | -28.3, | 0.0, | 1.2); | ( | -3.5,  | -31.8, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -7.1,  | -35.4, | 0.0, | 1.2); | ( | -14.1, | -42.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -21.2, | -49.5, | 0.0, | 1.2); | ( | -28.3, | -56.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -35.4, | -63.6, | 0.0, | 1.2); | ( | -42.4, | -70.7, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -49.5, | -77.8, | 0.0, | 1.2); | ( | -56.6, | -84.8, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 91.9,  | 49.5,  | 0.0, | 1.2); | ( | 84.8,  | 42.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 77.8,  | 35.4,  | 0.0, | 1.2); | ( | 70.7,  | 28.3,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 63.6,  | 21.2,  | 0.0, | 1.2); | ( | 56.6,  | 14.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 49.5,  | 7.1,   | 0.0, | 1.2); | ( | 42.4,  | 0.0,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 38.9,  | -3.5,  | 0.0, | 1.2); | ( | 35.4,  | -7.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 33.2,  | -9.2,  | 0.0, | 1.2); | ( | 31.8,  | -10.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 30.4,  | -12.0, | 0.0, | 1.2); | ( | 29.0,  | -13.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 27.6,  | -14.9, | 0.0, | 1.2); | ( | 14.9,  | -27.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 13.4,  | -29.0, | 0.0, | 1.2); | ( | 12.0,  | -30.4, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 10.6,  | -31.8, | 0.0, | 1.2); | ( | 9.2,   | -33.2, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 7.1,   | -35.4, | 0.0, | 1.2); | ( | 3.5,   | -38.9, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 0.0,   | -42.4, | 0.0, | 1.2); | ( | -7.1,  | -49.5, |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |        |      |       |   |        |        |
|------|--------|--------|------|-------|---|--------|--------|
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -14.1, | -56.6, | 0.0, | 1.2); | ( | -21.2, | -63.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -28.3, | -70.7, | 0.0, | 1.2); | ( | -35.4, | -77.8, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -42.4, | -84.8, | 0.0, | 1.2); | ( | -49.5, | -91.9, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 99.0,  | 42.4,  | 0.0, | 1.2); | ( | 91.9,  | 35.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 84.8,  | 28.3,  | 0.0, | 1.2); | ( | 77.8,  | 21.2,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 70.7,  | 14.1,  | 0.0, | 1.2); | ( | 63.6,  | 7.1,   |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 56.6,  | 0.0,   | 0.0, | 1.2); | ( | 49.5,  | -7.1,  |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 46.0,  | -10.6, | 0.0, | 1.2); | ( | 42.4,  | -14.1, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 40.3,  | -16.3, | 0.0, | 1.2); | ( | 38.9,  | -17.7, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 37.5,  | -19.1, | 0.0, | 1.2); | ( | 36.1,  | -20.5, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 34.7,  | -21.9, | 0.0, | 1.2); | ( | 21.9,  | -34.7, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 20.5,  | -36.1, | 0.0, | 1.2); | ( | 19.1,  | -37.5, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 17.7,  | -38.9, | 0.0, | 1.2); | ( | 16.3,  | -40.3, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 14.1,  | -42.4, | 0.0, | 1.2); | ( | 10.6,  | -46.0, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | 7.1,   | -49.5, | 0.0, | 1.2); | ( | 0.0,   | -56.6, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -7.1,  | -63.6, | 0.0, | 1.2); | ( | -14.1, | -70.7, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -21.2, | -77.8, | 0.0, | 1.2); | ( | -28.3, | -84.8, |
| 0.0, | 1.2);  |        |      |       |   |        |        |
| (    | -35.4, | -91.9, | 0.0, | 1.2); | ( | -42.4, | -99.0, |
| 0.0, | 1.2);  |        |      |       |   |        |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 14  
 URBAN FLAT FLGPOL DFAULT

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

|      |        |        |      |       |   |       |        |
|------|--------|--------|------|-------|---|-------|--------|
| (    | 106.1, | 35.4,  | 0.0, | 1.2); | ( | 99.0, | 28.3,  |
| 0.0, | 1.2);  |        |      |       |   |       |        |
| (    | 91.9,  | 21.2,  | 0.0, | 1.2); | ( | 84.8, | 14.1,  |
| 0.0, | 1.2);  |        |      |       |   |       |        |
| (    | 77.8,  | 7.1,   | 0.0, | 1.2); | ( | 70.7, | 0.0,   |
| 0.0, | 1.2);  |        |      |       |   |       |        |
| (    | 63.6,  | -7.1,  | 0.0, | 1.2); | ( | 56.6, | -14.1, |
| 0.0, | 1.2);  |        |      |       |   |       |        |
| (    | 53.0,  | -17.7, | 0.0, | 1.2); | ( | 49.5, | -21.2, |
| 0.0, | 1.2);  |        |      |       |   |       |        |
| (    | 47.4,  | -23.3, | 0.0, | 1.2); | ( | 46.0, | -24.8, |
| 0.0, | 1.2);  |        |      |       |   |       |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |         |      |       |   |        |         |
|------|--------|---------|------|-------|---|--------|---------|
| (    | 44.5,  | -26.2,  | 0.0, | 1.2); | ( | 43.1,  | -27.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 41.7,  | -29.0,  | 0.0, | 1.2); | ( | 29.0,  | -41.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 27.6,  | -43.1,  | 0.0, | 1.2); | ( | 26.2,  | -44.5,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 24.8,  | -46.0,  | 0.0, | 1.2); | ( | 23.3,  | -47.4,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 21.2,  | -49.5,  | 0.0, | 1.2); | ( | 17.7,  | -53.0,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 14.1,  | -56.6,  | 0.0, | 1.2); | ( | 7.1,   | -63.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 0.0,   | -70.7,  | 0.0, | 1.2); | ( | -7.1,  | -77.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | -14.1, | -84.8,  | 0.0, | 1.2); | ( | -21.2, | -91.9,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | -28.3, | -99.0,  | 0.0, | 1.2); | ( | -35.4, | -106.1, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 113.1, | 28.3,   | 0.0, | 1.2); | ( | 106.1, | 21.2,   |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 99.0,  | 14.1,   | 0.0, | 1.2); | ( | 91.9,  | 7.1,    |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 84.8,  | 0.0,    | 0.0, | 1.2); | ( | 77.8,  | -7.1,   |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 70.7,  | -14.1,  | 0.0, | 1.2); | ( | 63.6,  | -21.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 60.1,  | -24.8,  | 0.0, | 1.2); | ( | 56.6,  | -28.3,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 54.5,  | -30.4,  | 0.0, | 1.2); | ( | 53.0,  | -31.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 51.6,  | -33.2,  | 0.0, | 1.2); | ( | 50.2,  | -34.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 48.8,  | -36.1,  | 0.0, | 1.2); | ( | 36.1,  | -48.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 34.7,  | -50.2,  | 0.0, | 1.2); | ( | 33.2,  | -51.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 31.8,  | -53.0,  | 0.0, | 1.2); | ( | 30.4,  | -54.5,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 28.3,  | -56.6,  | 0.0, | 1.2); | ( | 24.8,  | -60.1,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 21.2,  | -63.6,  | 0.0, | 1.2); | ( | 14.1,  | -70.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 7.1,   | -77.8,  | 0.0, | 1.2); | ( | 0.0,   | -84.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | -7.1,  | -91.9,  | 0.0, | 1.2); | ( | -14.1, | -99.0,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | -21.2, | -106.1, | 0.0, | 1.2); | ( | -28.3, | -113.1, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 120.2, | 21.2,   | 0.0, | 1.2); | ( | 113.1, | 14.1,   |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 106.1, | 7.1,    | 0.0, | 1.2); | ( | 99.0,  | 0.0,    |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 91.9,  | -7.1,   | 0.0, | 1.2); | ( | 84.8,  | -14.1,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 77.8,  | -21.2,  | 0.0, | 1.2); | ( | 70.7,  | -28.3,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 67.2,  | -31.8,  | 0.0, | 1.2); | ( | 63.6,  | -35.4,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 61.5,  | -37.5,  | 0.0, | 1.2); | ( | 60.1,  | -38.9,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 58.7,  | -40.3,  | 0.0, | 1.2); | ( | 57.3,  | -41.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 55.9,  | -43.1,  | 0.0, | 1.2); | ( | 43.1,  | -55.9,  |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |   |        |         |      |       |   |                |
|------|---|--------|---------|------|-------|---|----------------|
| 0.0, | ( | 1.2);  |         |      |       |   |                |
| 0.0, | ( | 41.7,  | -57.3,  | 0.0, | 1.2); | ( | 40.3, -58.7,   |
| 0.0, | ( | 38.9,  | -60.1,  | 0.0, | 1.2); | ( | 37.5, -61.5,   |
| 0.0, | ( | 35.4,  | -63.6,  | 0.0, | 1.2); | ( | 31.8, -67.2,   |
| 0.0, | ( | 28.3,  | -70.7,  | 0.0, | 1.2); | ( | 21.2, -77.8,   |
| 0.0, | ( | 14.1,  | -84.8,  | 0.0, | 1.2); | ( | 7.1, -91.9,    |
| 0.0, | ( | 0.0,   | -99.0,  | 0.0, | 1.2); | ( | -7.1, -106.1,  |
| 0.0, | ( | -14.1, | -113.1, | 0.0, | 1.2); | ( | -21.2, -120.2, |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 15  
 URBAN FLAT FLGPOL DFAULT

CONC

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

|      |        |        |         |       |       |        |                |
|------|--------|--------|---------|-------|-------|--------|----------------|
| (    | 127.3, | 14.1,  | 0.0,    | 1.2); | (     | 120.2, | 7.1,           |
| 0.0, | (      | 113.1, | 0.0,    | 0.0,  | 1.2); | (      | 106.1, -7.1,   |
| 0.0, | (      | 99.0,  | -14.1,  | 0.0,  | 1.2); | (      | 91.9, -21.2,   |
| 0.0, | (      | 84.8,  | -28.3,  | 0.0,  | 1.2); | (      | 77.8, -35.4,   |
| 0.0, | (      | 74.2,  | -38.9,  | 0.0,  | 1.2); | (      | 70.7, -42.4,   |
| 0.0, | (      | 68.6,  | -44.5,  | 0.0,  | 1.2); | (      | 67.2, -46.0,   |
| 0.0, | (      | 65.8,  | -47.4,  | 0.0,  | 1.2); | (      | 64.3, -48.8,   |
| 0.0, | (      | 62.9,  | -50.2,  | 0.0,  | 1.2); | (      | 50.2, -62.9,   |
| 0.0, | (      | 48.8,  | -64.3,  | 0.0,  | 1.2); | (      | 47.4, -65.8,   |
| 0.0, | (      | 46.0,  | -67.2,  | 0.0,  | 1.2); | (      | 44.5, -68.6,   |
| 0.0, | (      | 42.4,  | -70.7,  | 0.0,  | 1.2); | (      | 38.9, -74.2,   |
| 0.0, | (      | 35.4,  | -77.8,  | 0.0,  | 1.2); | (      | 28.3, -84.8,   |
| 0.0, | (      | 21.2,  | -91.9,  | 0.0,  | 1.2); | (      | 14.1, -99.0,   |
| 0.0, | (      | 7.1,   | -106.1, | 0.0,  | 1.2); | (      | 0.0, -113.1,   |
| 0.0, | (      | -7.1,  | -120.2, | 0.0,  | 1.2); | (      | -14.1, -127.3, |
| 0.0, | (      | 134.4, | 7.1,    | 0.0,  | 1.2); | (      | 127.3, 0.0,    |
| 0.0, | (      | 120.2, | -7.1,   | 0.0,  | 1.2); | (      | 113.1, -14.1,  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|                     |         |      |       |          |         |
|---------------------|---------|------|-------|----------|---------|
| ( 0.0, 106.1, 1.2); | -21.2,  | 0.0, | 1.2); | ( 99.0,  | -28.3,  |
| ( 0.0, 91.9, 1.2);  | -35.4,  | 0.0, | 1.2); | ( 84.8,  | -42.4,  |
| ( 0.0, 81.3, 1.2);  | -46.0,  | 0.0, | 1.2); | ( 77.8,  | -49.5,  |
| ( 0.0, 75.7, 1.2);  | -51.6,  | 0.0, | 1.2); | ( 74.2,  | -53.0,  |
| ( 0.0, 72.8, 1.2);  | -54.5,  | 0.0, | 1.2); | ( 71.4,  | -55.9,  |
| ( 0.0, 70.0, 1.2);  | -57.3,  | 0.0, | 1.2); | ( 57.3,  | -70.0,  |
| ( 0.0, 55.9, 1.2);  | -71.4,  | 0.0, | 1.2); | ( 54.5,  | -72.8,  |
| ( 0.0, 53.0, 1.2);  | -74.2,  | 0.0, | 1.2); | ( 51.6,  | -75.7,  |
| ( 0.0, 49.5, 1.2);  | -77.8,  | 0.0, | 1.2); | ( 46.0,  | -81.3,  |
| ( 0.0, 42.4, 1.2);  | -84.8,  | 0.0, | 1.2); | ( 35.4,  | -91.9,  |
| ( 0.0, 28.3, 1.2);  | -99.0,  | 0.0, | 1.2); | ( 21.2,  | -106.1, |
| ( 0.0, 14.1, 1.2);  | -113.1, | 0.0, | 1.2); | ( 7.1,   | -120.2, |
| ( 0.0, 0.0, 1.2);   | -127.3, | 0.0, | 1.2); | ( -7.1,  | -134.4, |
| ( 0.0, 141.4, 1.2); | 0.0,    | 0.0, | 1.2); | ( 134.4, | -7.1,   |
| ( 0.0, 127.3, 1.2); | -14.1,  | 0.0, | 1.2); | ( 120.2, | -21.2,  |
| ( 0.0, 113.1, 1.2); | -28.3,  | 0.0, | 1.2); | ( 106.1, | -35.4,  |
| ( 0.0, 99.0, 1.2);  | -42.4,  | 0.0, | 1.2); | ( 91.9,  | -49.5,  |
| ( 0.0, 88.4, 1.2);  | -53.0,  | 0.0, | 1.2); | ( 84.8,  | -56.6,  |
| ( 0.0, 82.7, 1.2);  | -58.7,  | 0.0, | 1.2); | ( 81.3,  | -60.1,  |
| ( 0.0, 79.9, 1.2);  | -61.5,  | 0.0, | 1.2); | ( 78.5,  | -62.9,  |
| ( 0.0, 77.1, 1.2);  | -64.3,  | 0.0, | 1.2); | ( 64.3,  | -77.1,  |
| ( 0.0, 62.9, 1.2);  | -78.5,  | 0.0, | 1.2); | ( 61.5,  | -79.9,  |
| ( 0.0, 60.1, 1.2);  | -81.3,  | 0.0, | 1.2); | ( 58.7,  | -82.7,  |
| ( 0.0, 56.6, 1.2);  | -84.8,  | 0.0, | 1.2); | ( 53.0,  | -88.4,  |
| ( 0.0, 49.5, 1.2);  | -91.9,  | 0.0, | 1.2); | ( 42.4,  | -99.0,  |
| ( 0.0, 35.4, 1.2);  | -106.1, | 0.0, | 1.2); | ( 28.3,  | -113.1, |
| ( 0.0, 21.2, 1.2);  | -120.2, | 0.0, | 1.2); | ( 14.1,  | -127.3, |
| ( 0.0, 7.1, 1.2);   | -134.4, | 0.0, | 1.2); | ( 0.0,   | -141.4, |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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

|      |        |         |      |       |   |        |         |
|------|--------|---------|------|-------|---|--------|---------|
| (    | 148.5, | -7.1,   | 0.0, | 1.2); | ( | 141.4, | -14.1,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 134.4, | -21.2,  | 0.0, | 1.2); | ( | 127.3, | -28.3,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 120.2, | -35.4,  | 0.0, | 1.2); | ( | 113.1, | -42.4,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 106.1, | -49.5,  | 0.0, | 1.2); | ( | 99.0,  | -56.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 95.5,  | -60.1,  | 0.0, | 1.2); | ( | 91.9,  | -63.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 89.8,  | -65.8,  | 0.0, | 1.2); | ( | 88.4,  | -67.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 87.0,  | -68.6,  | 0.0, | 1.2); | ( | 85.6,  | -70.0,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 84.2,  | -71.4,  | 0.0, | 1.2); | ( | 71.4,  | -84.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 70.0,  | -85.6,  | 0.0, | 1.2); | ( | 68.6,  | -87.0,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 67.2,  | -88.4,  | 0.0, | 1.2); | ( | 65.8,  | -89.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 63.6,  | -91.9,  | 0.0, | 1.2); | ( | 60.1,  | -95.5,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 56.6,  | -99.0,  | 0.0, | 1.2); | ( | 49.5,  | -106.1, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 42.4,  | -113.1, | 0.0, | 1.2); | ( | 35.4,  | -120.2, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 28.3,  | -127.3, | 0.0, | 1.2); | ( | 21.2,  | -134.4, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 14.1,  | -141.4, | 0.0, | 1.2); | ( | 7.1,   | -148.5, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 155.6, | -14.1,  | 0.0, | 1.2); | ( | 148.5, | -21.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 141.4, | -28.3,  | 0.0, | 1.2); | ( | 134.4, | -35.4,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 127.3, | -42.4,  | 0.0, | 1.2); | ( | 120.2, | -49.5,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 113.1, | -56.6,  | 0.0, | 1.2); | ( | 106.1, | -63.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 102.5, | -67.2,  | 0.0, | 1.2); | ( | 99.0,  | -70.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 96.9,  | -72.8,  | 0.0, | 1.2); | ( | 95.5,  | -74.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 94.1,  | -75.7,  | 0.0, | 1.2); | ( | 92.6,  | -77.1,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 91.2,  | -78.5,  | 0.0, | 1.2); | ( | 78.5,  | -91.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 77.1,  | -92.6,  | 0.0, | 1.2); | ( | 75.7,  | -94.1,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 74.2,  | -95.5,  | 0.0, | 1.2); | ( | 72.8,  | -96.9,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 70.7,  | -99.0,  | 0.0, | 1.2); | ( | 67.2,  | -102.5, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 63.6,  | -106.1, | 0.0, | 1.2); | ( | 56.6,  | -113.1, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 49.5,  | -120.2, | 0.0, | 1.2); | ( | 42.4,  | -127.3, |
| 0.0, | 1.2);  |         |      |       |   |        |         |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |         |      |       |   |        |         |
|------|--------|---------|------|-------|---|--------|---------|
| (    | 35.4,  | -134.4, | 0.0, | 1.2); | ( | 28.3,  | -141.4, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 21.2,  | -148.5, | 0.0, | 1.2); | ( | 14.1,  | -155.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 162.6, | -21.2,  | 0.0, | 1.2); | ( | 155.6, | -28.3,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 148.5, | -35.4,  | 0.0, | 1.2); | ( | 141.4, | -42.4,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 134.4, | -49.5,  | 0.0, | 1.2); | ( | 127.3, | -56.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 120.2, | -63.6,  | 0.0, | 1.2); | ( | 113.1, | -70.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 109.6, | -74.2,  | 0.0, | 1.2); | ( | 106.1, | -77.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 103.9, | -79.9,  | 0.0, | 1.2); | ( | 102.5, | -81.3,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 101.1, | -82.7,  | 0.0, | 1.2); | ( | 99.7,  | -84.2,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 98.3,  | -85.6,  | 0.0, | 1.2); | ( | 85.6,  | -98.3,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 84.2,  | -99.7,  | 0.0, | 1.2); | ( | 82.7,  | -101.1, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 81.3,  | -102.5, | 0.0, | 1.2); | ( | 79.9,  | -103.9, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 77.8,  | -106.1, | 0.0, | 1.2); | ( | 74.2,  | -109.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 70.7,  | -113.1, | 0.0, | 1.2); | ( | 63.6,  | -120.2, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 56.6,  | -127.3, | 0.0, | 1.2); | ( | 49.5,  | -134.4, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 42.4,  | -141.4, | 0.0, | 1.2); | ( | 35.4,  | -148.5, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 28.3,  | -155.6, | 0.0, | 1.2); | ( | 21.2,  | -162.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
\*\*MODELOPTs: 15:11:25

PAGE 17  
CONC URBAN FLAT FLGPOL DFAULT

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

|      |        |        |      |       |   |        |         |
|------|--------|--------|------|-------|---|--------|---------|
| (    | 169.7, | -28.3, | 0.0, | 1.2); | ( | 162.6, | -35.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 155.6, | -42.4, | 0.0, | 1.2); | ( | 148.5, | -49.5,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 141.4, | -56.6, | 0.0, | 1.2); | ( | 134.4, | -63.6,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 127.3, | -70.7, | 0.0, | 1.2); | ( | 120.2, | -77.8,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 116.7, | -81.3, | 0.0, | 1.2); | ( | 113.1, | -84.8,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 111.0, | -87.0, | 0.0, | 1.2); | ( | 109.6, | -88.4,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 108.2, | -89.8, | 0.0, | 1.2); | ( | 106.8, | -91.2,  |
| 0.0, | 1.2);  |        |      |       |   |        |         |
| (    | 105.4, | -92.6, | 0.0, | 1.2); | ( | 92.6,  | -105.4, |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|       |         |          |       |        |                    |
|-------|---------|----------|-------|--------|--------------------|
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 91. 2,  | -106. 8, | 0. 0, | 1. 2); | ( 89. 8, -108. 2,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 88. 4,  | -109. 6, | 0. 0, | 1. 2); | ( 87. 0, -111. 0,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 84. 8,  | -113. 1, | 0. 0, | 1. 2); | ( 81. 3, -116. 7,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 77. 8,  | -120. 2, | 0. 0, | 1. 2); | ( 70. 7, -127. 3,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 63. 6,  | -134. 4, | 0. 0, | 1. 2); | ( 56. 6, -141. 4,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 49. 5,  | -148. 5, | 0. 0, | 1. 2); | ( 42. 4, -155. 6,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 35. 4,  | -162. 6, | 0. 0, | 1. 2); | ( 28. 3, -169. 7,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 176. 8, | -35. 4,  | 0. 0, | 1. 2); | ( 169. 7, -42. 4,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 162. 6, | -49. 5,  | 0. 0, | 1. 2); | ( 155. 6, -56. 6,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 148. 5, | -63. 6,  | 0. 0, | 1. 2); | ( 141. 4, -70. 7,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 134. 4, | -77. 8,  | 0. 0, | 1. 2); | ( 127. 3, -84. 8,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 123. 7, | -88. 4,  | 0. 0, | 1. 2); | ( 120. 2, -91. 9,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 118. 1, | -94. 1,  | 0. 0, | 1. 2); | ( 116. 7, -95. 5,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 115. 3, | -96. 9,  | 0. 0, | 1. 2); | ( 113. 8, -98. 3,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 112. 4, | -99. 7,  | 0. 0, | 1. 2); | ( 99. 7, -112. 4,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 98. 3,  | -113. 8, | 0. 0, | 1. 2); | ( 96. 9, -115. 3,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 95. 5,  | -116. 7, | 0. 0, | 1. 2); | ( 94. 1, -118. 1,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 91. 9,  | -120. 2, | 0. 0, | 1. 2); | ( 88. 4, -123. 7,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 84. 8,  | -127. 3, | 0. 0, | 1. 2); | ( 77. 8, -134. 4,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 70. 7,  | -141. 4, | 0. 0, | 1. 2); | ( 63. 6, -148. 5,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 56. 6,  | -155. 6, | 0. 0, | 1. 2); | ( 49. 5, -162. 6,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 42. 4,  | -169. 7, | 0. 0, | 1. 2); | ( 35. 4, -176. 8,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 183. 9, | -42. 4,  | 0. 0, | 1. 2); | ( 176. 8, -49. 5,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 169. 7, | -56. 6,  | 0. 0, | 1. 2); | ( 162. 6, -63. 6,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 155. 6, | -70. 7,  | 0. 0, | 1. 2); | ( 148. 5, -77. 8,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 141. 4, | -84. 8,  | 0. 0, | 1. 2); | ( 134. 4, -91. 9,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 130. 8, | -95. 5,  | 0. 0, | 1. 2); | ( 127. 3, -99. 0,  |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 125. 2, | -101. 1, | 0. 0, | 1. 2); | ( 123. 7, -102. 5, |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 122. 3, | -103. 9, | 0. 0, | 1. 2); | ( 120. 9, -105. 4, |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 119. 5, | -106. 8, | 0. 0, | 1. 2); | ( 106. 8, -119. 5, |
| 0. 0, | 1. 2);  |          |       |        |                    |
| (     | 105. 4, | -120. 9, | 0. 0, | 1. 2); | ( 103. 9, -122. 3, |
| 0. 0, | 1. 2);  |          |       |        |                    |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |         |      |       |   |        |         |
|------|--------|---------|------|-------|---|--------|---------|
| (    | 102.5, | -123.7, | 0.0, | 1.2); | ( | 101.1, | -125.2, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 99.0,  | -127.3, | 0.0, | 1.2); | ( | 95.5,  | -130.8, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 91.9,  | -134.4, | 0.0, | 1.2); | ( | 84.8,  | -141.4, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 77.8,  | -148.5, | 0.0, | 1.2); | ( | 70.7,  | -155.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 63.6,  | -162.6, | 0.0, | 1.2); | ( | 56.6,  | -169.7, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 49.5,  | -176.8, | 0.0, | 1.2); | ( | 42.4,  | -183.9, |
| 0.0, | 1.2);  |         |      |       |   |        |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 18  
 URBAN FLAT FLGPOL DFAULT

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

|      |        |         |      |       |   |        |         |
|------|--------|---------|------|-------|---|--------|---------|
| (    | 190.9, | -49.5,  | 0.0, | 1.2); | ( | 183.9, | -56.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 176.8, | -63.6,  | 0.0, | 1.2); | ( | 169.7, | -70.7,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 162.6, | -77.8,  | 0.0, | 1.2); | ( | 155.6, | -84.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 148.5, | -91.9,  | 0.0, | 1.2); | ( | 141.4, | -99.0,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 137.9, | -102.5, | 0.0, | 1.2); | ( | 134.4, | -106.1, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 132.2, | -108.2, | 0.0, | 1.2); | ( | 130.8, | -109.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 129.4, | -111.0, | 0.0, | 1.2); | ( | 128.0, | -112.4, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 126.6, | -113.8, | 0.0, | 1.2); | ( | 113.8, | -126.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 112.4, | -128.0, | 0.0, | 1.2); | ( | 111.0, | -129.4, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 109.6, | -130.8, | 0.0, | 1.2); | ( | 108.2, | -132.2, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 106.1, | -134.4, | 0.0, | 1.2); | ( | 102.5, | -137.9, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 99.0,  | -141.4, | 0.0, | 1.2); | ( | 91.9,  | -148.5, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 84.8,  | -155.6, | 0.0, | 1.2); | ( | 77.8,  | -162.6, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 70.7,  | -169.7, | 0.0, | 1.2); | ( | 63.6,  | -176.8, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 56.6,  | -183.9, | 0.0, | 1.2); | ( | 49.5,  | -190.9, |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 198.0, | -56.6,  | 0.0, | 1.2); | ( | 190.9, | -63.6,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 183.9, | -70.7,  | 0.0, | 1.2); | ( | 176.8, | -77.8,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 169.7, | -84.8,  | 0.0, | 1.2); | ( | 162.6, | -91.9,  |
| 0.0, | 1.2);  |         |      |       |   |        |         |
| (    | 155.6, | -99.0,  | 0.0, | 1.2); | ( | 148.5, | -106.1, |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|      |        |         |      |       |                  |
|------|--------|---------|------|-------|------------------|
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 145.0, | -109.6, | 0.0, | 1.2); | ( 141.4, -113.1, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 139.3, | -115.3, | 0.0, | 1.2); | ( 137.9, -116.7, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 136.5, | -118.1, | 0.0, | 1.2); | ( 135.1, -119.5, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 133.6, | -120.9, | 0.0, | 1.2); | ( 120.9, -133.6, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 119.5, | -135.1, | 0.0, | 1.2); | ( 118.1, -136.5, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 116.7, | -137.9, | 0.0, | 1.2); | ( 115.3, -139.3, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 113.1, | -141.4, | 0.0, | 1.2); | ( 109.6, -145.0, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 106.1, | -148.5, | 0.0, | 1.2); | ( 99.0, -155.6,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 91.9,  | -162.6, | 0.0, | 1.2); | ( 84.8, -169.7,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 77.8,  | -176.8, | 0.0, | 1.2); | ( 70.7, -183.9,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 63.6,  | -190.9, | 0.0, | 1.2); | ( 56.6, -198.0,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 205.1, | -63.6,  | 0.0, | 1.2); | ( 198.0, -70.7,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 190.9, | -77.8,  | 0.0, | 1.2); | ( 183.9, -84.8,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 176.8, | -91.9,  | 0.0, | 1.2); | ( 169.7, -99.0,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 162.6, | -106.1, | 0.0, | 1.2); | ( 155.6, -113.1, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 152.0, | -116.7, | 0.0, | 1.2); | ( 148.5, -120.2, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 146.4, | -122.3, | 0.0, | 1.2); | ( 145.0, -123.7, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 143.5, | -125.2, | 0.0, | 1.2); | ( 142.1, -126.6, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 140.7, | -128.0, | 0.0, | 1.2); | ( 128.0, -140.7, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 126.6, | -142.1, | 0.0, | 1.2); | ( 125.2, -143.5, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 123.7, | -145.0, | 0.0, | 1.2); | ( 122.3, -146.4, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 120.2, | -148.5, | 0.0, | 1.2); | ( 116.7, -152.0, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 113.1, | -155.6, | 0.0, | 1.2); | ( 106.1, -162.6, |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 99.0,  | -169.7, | 0.0, | 1.2); | ( 91.9, -176.8,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 84.8,  | -183.9, | 0.0, | 1.2); | ( 77.8, -190.9,  |
| 0.0, | 1.2);  |         |      |       |                  |
| (    | 70.7,  | -198.0, | 0.0, | 1.2); | ( 63.6, -205.1,  |
| 0.0, | 1.2);  |         |      |       |                  |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTS:

PAGE 19  
 CONC URBAN FLAT FLGPOL DFAULT

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

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

|                                  |                  |
|----------------------------------|------------------|
| ( 0.0, 212.1, -70.7, 0.0, 1.2);  | ( 205.1, -77.8,  |
| ( 0.0, 198.0, -84.8, 0.0, 1.2);  | ( 190.9, -91.9,  |
| ( 0.0, 183.9, -99.0, 0.0, 1.2);  | ( 176.8, -106.1, |
| ( 0.0, 169.7, -113.1, 0.0, 1.2); | ( 162.6, -120.2, |
| ( 0.0, 159.1, -123.7, 0.0, 1.2); | ( 155.6, -127.3, |
| ( 0.0, 153.4, -129.4, 0.0, 1.2); | ( 152.0, -130.8, |
| ( 0.0, 150.6, -132.2, 0.0, 1.2); | ( 149.2, -133.6, |
| ( 0.0, 147.8, -135.1, 0.0, 1.2); | ( 135.1, -147.8, |
| ( 0.0, 133.6, -149.2, 0.0, 1.2); | ( 132.2, -150.6, |
| ( 0.0, 130.8, -152.0, 0.0, 1.2); | ( 129.4, -153.4, |
| ( 0.0, 127.3, -155.6, 0.0, 1.2); | ( 123.7, -159.1, |
| ( 0.0, 120.2, -162.6, 0.0, 1.2); | ( 113.1, -169.7, |
| ( 0.0, 106.1, -176.8, 0.0, 1.2); | ( 99.0, -183.9,  |
| ( 0.0, 91.9, -190.9, 0.0, 1.2);  | ( 84.8, -198.0,  |
| ( 0.0, 77.8, -205.1, 0.0, 1.2);  | ( 70.7, -212.1,  |
| ( 0.0, 219.2, -77.8, 0.0, 1.2);  | ( 212.1, -84.8,  |
| ( 0.0, 205.1, -91.9, 0.0, 1.2);  | ( 198.0, -99.0,  |
| ( 0.0, 190.9, -106.1, 0.0, 1.2); | ( 183.9, -113.1, |
| ( 0.0, 176.8, -120.2, 0.0, 1.2); | ( 169.7, -127.3, |
| ( 0.0, 166.2, -130.8, 0.0, 1.2); | ( 162.6, -134.4, |
| ( 0.0, 160.5, -136.5, 0.0, 1.2); | ( 159.1, -137.9, |
| ( 0.0, 157.7, -139.3, 0.0, 1.2); | ( 156.3, -140.7, |
| ( 0.0, 154.9, -142.1, 0.0, 1.2); | ( 142.1, -154.9, |
| ( 0.0, 140.7, -156.3, 0.0, 1.2); | ( 139.3, -157.7, |
| ( 0.0, 137.9, -159.1, 0.0, 1.2); | ( 136.5, -160.5, |
| ( 0.0, 134.4, -162.6, 0.0, 1.2); | ( 130.8, -166.2, |
| ( 0.0, 127.3, -169.7, 0.0, 1.2); | ( 120.2, -176.8, |
| ( 0.0, 113.1, -183.9, 0.0, 1.2); | ( 106.1, -190.9, |
| ( 0.0, 99.0, -198.0, 0.0, 1.2);  | ( 91.9, -205.1,  |
| ( 0.0, 84.8, -212.1, 0.0, 1.2);  | ( 77.8, -219.2,  |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|      |        |         |      |       |   |                |
|------|--------|---------|------|-------|---|----------------|
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 226.3, | -84.8,  | 0.0, | 1.2); | ( | 219.2, -91.9,  |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 212.1, | -99.0,  | 0.0, | 1.2); | ( | 205.1, -106.1, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 198.0, | -113.1, | 0.0, | 1.2); | ( | 190.9, -120.2, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 183.9, | -127.3, | 0.0, | 1.2); | ( | 176.8, -134.4, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 173.2, | -137.9, | 0.0, | 1.2); | ( | 169.7, -141.4, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 167.6, | -143.5, | 0.0, | 1.2); | ( | 166.2, -145.0, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 164.8, | -146.4, | 0.0, | 1.2); | ( | 163.3, -147.8, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 161.9, | -149.2, | 0.0, | 1.2); | ( | 149.2, -161.9, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 147.8, | -163.3, | 0.0, | 1.2); | ( | 146.4, -164.8, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 145.0, | -166.2, | 0.0, | 1.2); | ( | 143.5, -167.6, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 141.4, | -169.7, | 0.0, | 1.2); | ( | 137.9, -173.2, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 134.4, | -176.8, | 0.0, | 1.2); | ( | 127.3, -183.9, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 120.2, | -190.9, | 0.0, | 1.2); | ( | 113.1, -198.0, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 106.1, | -205.1, | 0.0, | 1.2); | ( | 99.0, -212.1,  |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 91.9,  | -219.2, | 0.0, | 1.2); | ( | 84.8, -226.3,  |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 15:11:25  
 \*\*MODELOPTs:

PAGE 20  
 CONC URBAN FLAT FLGPOL DFAULT

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

|      |        |         |      |       |   |                |
|------|--------|---------|------|-------|---|----------------|
| (    | 233.4, | -91.9,  | 0.0, | 1.2); | ( | 226.3, -99.0,  |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 219.2, | -106.1, | 0.0, | 1.2); | ( | 212.1, -113.1, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 205.1, | -120.2, | 0.0, | 1.2); | ( | 198.0, -127.3, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 190.9, | -134.4, | 0.0, | 1.2); | ( | 183.9, -141.4, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 180.3, | -145.0, | 0.0, | 1.2); | ( | 176.8, -148.5, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 174.7, | -150.6, | 0.0, | 1.2); | ( | 173.2, -152.0, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 171.8, | -153.4, | 0.0, | 1.2); | ( | 170.4, -154.9, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 169.0, | -156.3, | 0.0, | 1.2); | ( | 156.3, -169.0, |
| 0.0, | 1.2);  |         |      |       |   |                |
| (    | 154.9, | -170.4, | 0.0, | 1.2); | ( | 153.4, -171.8, |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |        |         |      |       |          |         |
|--------|--------|---------|------|-------|----------|---------|
| ( 0.0, | 152.0, | -173.2, | 0.0, | 1.2); | ( 150.6, | -174.7, |
| ( 0.0, | 148.5, | -176.8, | 0.0, | 1.2); | ( 145.0, | -180.3, |
| ( 0.0, | 141.4, | -183.9, | 0.0, | 1.2); | ( 134.4, | -190.9, |
| ( 0.0, | 127.3, | -198.0, | 0.0, | 1.2); | ( 120.2, | -205.1, |
| ( 0.0, | 113.1, | -212.1, | 0.0, | 1.2); | ( 106.1, | -219.2, |
| ( 0.0, | 99.0,  | -226.3, | 0.0, | 1.2); | ( 91.9,  | -233.4, |
| ( 0.0, | 240.4, | -99.0,  | 0.0, | 1.2); | ( 233.4, | -106.1, |
| ( 0.0, | 226.3, | -113.1, | 0.0, | 1.2); | ( 219.2, | -120.2, |
| ( 0.0, | 212.1, | -127.3, | 0.0, | 1.2); | ( 205.1, | -134.4, |
| ( 0.0, | 198.0, | -141.4, | 0.0, | 1.2); | ( 190.9, | -148.5, |
| ( 0.0, | 187.4, | -152.0, | 0.0, | 1.2); | ( 183.9, | -155.6, |
| ( 0.0, | 181.7, | -157.7, | 0.0, | 1.2); | ( 180.3, | -159.1, |
| ( 0.0, | 178.9, | -160.5, | 0.0, | 1.2); | ( 177.5, | -161.9, |
| ( 0.0, | 176.1, | -163.3, | 0.0, | 1.2); | ( 163.3, | -176.1, |
| ( 0.0, | 161.9, | -177.5, | 0.0, | 1.2); | ( 160.5, | -178.9, |
| ( 0.0, | 159.1, | -180.3, | 0.0, | 1.2); | ( 157.7, | -181.7, |
| ( 0.0, | 155.6, | -183.9, | 0.0, | 1.2); | ( 152.0, | -187.4, |
| ( 0.0, | 148.5, | -190.9, | 0.0, | 1.2); | ( 141.4, | -198.0, |
| ( 0.0, | 134.4, | -205.1, | 0.0, | 1.2); | ( 127.3, | -212.1, |
| ( 0.0, | 120.2, | -219.2, | 0.0, | 1.2); | ( 113.1, | -226.3, |
| ( 0.0, | 106.1, | -233.4, | 0.0, | 1.2); | ( 99.0,  | -240.4, |
| ( 0.0, | 247.5, | -106.1, | 0.0, | 1.2); | ( 240.4, | -113.1, |
| ( 0.0, | 233.4, | -120.2, | 0.0, | 1.2); | ( 226.3, | -127.3, |
| ( 0.0, | 219.2, | -134.4, | 0.0, | 1.2); | ( 212.1, | -141.4, |
| ( 0.0, | 205.1, | -148.5, | 0.0, | 1.2); | ( 198.0, | -155.6, |
| ( 0.0, | 194.4, | -159.1, | 0.0, | 1.2); | ( 190.9, | -162.6, |
| ( 0.0, | 188.8, | -164.8, | 0.0, | 1.2); | ( 187.4, | -166.2, |
| ( 0.0, | 186.0, | -167.6, | 0.0, | 1.2); | ( 184.6, | -169.0, |
| ( 0.0, | 183.1, | -170.4, | 0.0, | 1.2); | ( 170.4, | -183.1, |
| ( 0.0, | 169.0, | -184.6, | 0.0, | 1.2); | ( 167.6, | -186.0, |
| ( 0.0, | 166.2, | -187.4, | 0.0, | 1.2); | ( 164.8, | -188.8, |
| ( 0.0, | 162.6, | -190.9, | 0.0, | 1.2); | ( 159.1, | -194.4, |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|             |   |             |             |             |
|-------------|---|-------------|-------------|-------------|
| . 15000E+00 | A | . 15000E+00 | . 15000E+00 | . 15000E+00 |
| . 15000E+00 | B | . 15000E+00 | . 15000E+00 | . 15000E+00 |
| . 20000E+00 | C | . 20000E+00 | . 20000E+00 | . 20000E+00 |
| . 25000E+00 | D | . 25000E+00 | . 25000E+00 | . 25000E+00 |
| . 30000E+00 | E | . 30000E+00 | . 30000E+00 | . 30000E+00 |
| . 30000E+00 | F | . 30000E+00 | . 30000E+00 | . 30000E+00 |

GRADIENTS \*\*\*

\*\*\* VERTICAL POTENTIAL TEMPERATURE  
(DEGREES KELVIN PER METER)

| 5           | STABILITY CATEGORY<br>6 | 1           | 2           | WIND SPEED CATEGORY<br>3 | 4 |
|-------------|-------------------------|-------------|-------------|--------------------------|---|
| . 00000E+00 | A                       | . 00000E+00 | . 00000E+00 | . 00000E+00              |   |
| . 00000E+00 | B                       | . 00000E+00 | . 00000E+00 | . 00000E+00              |   |
| . 00000E+00 | C                       | . 00000E+00 | . 00000E+00 | . 00000E+00              |   |
| . 00000E+00 | D                       | . 00000E+00 | . 00000E+00 | . 00000E+00              |   |
| . 20000E-01 | E                       | . 20000E-01 | . 20000E-01 | . 20000E-01              |   |
| . 35000E-01 | F                       | . 35000E-01 | . 35000E-01 | . 35000E-01              |   |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 NCRA Cumulative Annual Acrolein Impacts  
 Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
\*\*MODELOPTS:

PAGE 22  
CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

FILE: C:\NCRA\MODELING\MET DATA\SANTA ROSA\ROS03300.ASC

FORMAT: (4I2, 2F9.4, F6.1, I2, 2F7.1, f9.4, f10.1, f8.4, i4, f7.2)

SURFACE STATION NO.: 9902 UPPER AIR STATION NO.: 9902  
 NAME: UNKNOWN NAME: UNKNOWN  
 YEAR: 2003 YEAR: 2003

| IPCODE      | PRATE   | FLOW   | SPEED | TEMP | STAB  | MIXING HEIGHT (M) | USTAR | M-O LENGTH | Z-0 |
|-------------|---------|--------|-------|------|-------|-------------------|-------|------------|-----|
| YR MN DY HR | (mm/HR) | VECTOR | (M/S) | (K)  | CLASS | RURAL URBAN       | (M/S) | (M)        | (M) |

03 01 01 01 140.8 1.39 277.4 6 300.0 300.0 0.0000 0.0 0.0000

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|             |       |      |       |   |       |       |        |     |        |  |  |
|-------------|-------|------|-------|---|-------|-------|--------|-----|--------|--|--|
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 02 | 179.4 | 1.12 | 277.0 | 5 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 03 | 119.8 | 1.12 | 276.5 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 04 | 155.3 | 1.00 | 276.4 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 05 | 284.4 | 1.12 | 276.2 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 06 | 298.3 | 1.00 | 276.3 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 07 | 306.8 | 1.25 | 276.2 | 5 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 08 | 87.1  | 1.00 | 275.9 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 09 | 186.7 | 1.00 | 276.2 | 5 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 10 | 159.1 | 1.03 | 277.4 | 4 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 11 | 81.8  | 1.00 | 278.8 | 3 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 12 | 138.4 | 1.00 | 279.9 | 2 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 13 | 129.3 | 1.12 | 281.5 | 1 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 14 | 161.0 | 1.74 | 282.7 | 2 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 15 | 179.4 | 1.07 | 284.2 | 1 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 16 | 51.7  | 1.00 | 284.5 | 1 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 17 | 155.0 | 1.16 | 284.1 | 2 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 18 | 120.2 | 1.39 | 282.6 | 3 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 19 | 321.3 | 1.12 | 281.2 | 4 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 20 | 159.0 | 1.39 | 280.3 | 5 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 21 | 311.1 | 1.30 | 280.8 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 22 | 184.3 | 1.16 | 280.7 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 23 | 189.6 | 1.56 | 280.2 | 6 | 300.0 | 300.0 | 0.0000 | 0.0 | 0.0000 |  |  |
| 0           | 0.00  |      |       |   |       |       |        |     |        |  |  |
| 03 01 01 24 | 147.2 | 1.43 | 279.9 | 6 | 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 Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

Direction  
\*\*MODELOPTs:

PAGE 23

CONC URBAN FLAT FLGPOL DFAULT

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
 INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF OTHER IN MICROGRAMS/M**3 |             |
|-------------|-------------|-------------------------------------|-------------|
|             |             | **                                  |             |
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)                         | X-COORD (M) |
|             |             | CONC                                | CONC        |
| 240.42      | -106.07     | 247.49                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 226.27      | -120.21     | 233.35                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 212.13      | -134.35     | 219.20                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 197.99      | -148.49     | 205.06                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 190.92      | -159.10     | 194.45                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 187.38      | -164.76     | 188.80                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 184.55      | -167.58     | 185.97                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 170.41      | -170.41     | 183.14                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 167.58      | -184.55     | 169.00                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 164.76      | -187.38     | 166.17                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 159.10      | -190.92     | 162.63                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 148.49      | -197.99     | 155.56                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 134.35      | -212.13     | 141.42                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 120.21      | -226.27     | 127.28                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 106.07      | -240.42     | 113.14                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 233.35      | -98.99      | 240.42                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 219.20      | -113.14     | 226.27                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 205.06      | -127.28     | 212.13                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 190.92      | -141.42     | 197.99                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 183.85      | -152.03     | 187.38                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 180.31      | -157.68     | 181.73                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 177.48      | -160.51     | 178.90                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 163.34      | -163.34     | 176.07                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 160.51      | -177.48     | 161.93                              | 0.00000     |
|             | 0.00000     |                                     |             |
| 157.68      | -180.31     | 159.10                              | 0.00000     |
|             | 0.00000     |                                     |             |
|             | -183.85     | 155.56                              | 0.00000     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 152.03 | 0.00000 |        |         |         |
|        | -190.92 | 148.49 | 0.00000 | -197.99 |
| 141.42 | 0.00000 |        |         |         |
|        | -205.06 | 134.35 | 0.00000 | -212.13 |
| 127.28 | 0.00000 |        |         |         |
|        | -219.20 | 120.21 | 0.00000 | -226.27 |
| 113.14 | 0.00000 |        |         |         |
|        | -233.35 | 106.07 | 0.00000 | -240.42 |
| 98.99  | 0.00000 |        |         |         |
|        | -91.92  | 233.35 | 0.00000 | -98.99  |
| 226.27 | 0.00000 |        |         |         |
|        | -106.07 | 219.20 | 0.00000 | -113.14 |
| 212.13 | 0.00000 |        |         |         |
|        | -120.21 | 205.06 | 0.00000 | -127.28 |
| 197.99 | 0.00000 |        |         |         |
|        | -134.35 | 190.92 | 0.00000 | -141.42 |
| 183.85 | 0.00000 |        |         |         |
|        | -144.96 | 180.31 | 0.00000 | -148.49 |
| 176.78 | 0.00000 |        |         |         |
|        | -150.61 | 174.66 | 0.00000 | -152.03 |
| 173.24 | 0.00000 |        |         |         |
|        | -153.44 | 171.83 | 0.00000 | -154.86 |
| 170.41 | 0.00000 |        |         |         |
|        | -156.27 | 169.00 | 0.00000 | -169.00 |
| 156.27 | 0.00000 |        |         |         |
|        | -170.41 | 154.86 | 0.00000 | -171.83 |
| 153.44 | 0.00000 |        |         |         |
|        | -173.24 | 152.03 | 0.00000 | -174.66 |
| 150.61 | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

PAGE 24  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -176.78     |             | 148.49      | 0.00000 | -180.31     |
| 144.96      | 0.00000     |             |         |             |
|             | -183.85     | 141.42      | 0.00000 | -190.92     |
| 134.35      | 0.00000     |             |         |             |
|             | -197.99     | 127.28      | 0.00000 | -205.06     |
| 120.21      | 0.00000     |             |         |             |
|             | -212.13     | 113.14      | 0.00000 | -219.20     |
| 106.07      | 0.00000     |             |         |             |
|             | -226.27     | 99.00       | 0.00000 | -233.35     |
| 91.92       | 0.00000     |             |         |             |
|             | -84.85      | 226.27      | 0.00000 | -91.92      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 219.20 | 0.00000 |        |         |         |
|        | -98.99  | 212.13 | 0.00000 | -106.07 |
| 205.06 | 0.00000 |        |         |         |
|        | -113.14 | 197.99 | 0.00000 | -120.21 |
| 190.92 | 0.00000 |        |         |         |
|        | -127.28 | 183.85 | 0.00000 | -134.35 |
| 176.78 | 0.00000 |        |         |         |
|        | -137.89 | 173.24 | 0.00000 | -141.42 |
| 169.71 | 0.00000 |        |         |         |
|        | -143.54 | 167.58 | 0.00000 | -144.96 |
| 166.17 | 0.00000 |        |         |         |
|        | -146.37 | 164.76 | 0.00000 | -147.79 |
| 163.34 | 0.00000 |        |         |         |
|        | -149.20 | 161.93 | 0.00000 | -161.93 |
| 149.20 | 0.00000 |        |         |         |
|        | -163.34 | 147.79 | 0.00000 | -164.76 |
| 146.37 | 0.00000 |        |         |         |
|        | -166.17 | 144.96 | 0.00000 | -167.58 |
| 143.54 | 0.00000 |        |         |         |
|        | -169.71 | 141.42 | 0.00000 | -173.24 |
| 137.89 | 0.00000 |        |         |         |
|        | -176.78 | 134.35 | 0.00000 | -183.85 |
| 127.28 | 0.00000 |        |         |         |
|        | -190.92 | 120.21 | 0.00000 | -197.99 |
| 113.14 | 0.00000 |        |         |         |
|        | -205.06 | 106.07 | 0.00000 | -212.13 |
| 99.00  | 0.00000 |        |         |         |
|        | -219.20 | 91.92  | 0.00000 | -226.27 |
| 84.85  | 0.00000 |        |         |         |
|        | -77.78  | 219.20 | 0.00000 | -84.85  |
| 212.13 | 0.00000 |        |         |         |
|        | -91.92  | 205.06 | 0.00000 | -98.99  |
| 197.99 | 0.00000 |        |         |         |
|        | -106.07 | 190.92 | 0.00000 | -113.14 |
| 183.85 | 0.00000 |        |         |         |
|        | -120.21 | 176.78 | 0.00000 | -127.28 |
| 169.71 | 0.00000 |        |         |         |
|        | -130.81 | 166.17 | 0.00000 | -134.35 |
| 162.63 | 0.00000 |        |         |         |
|        | -136.47 | 160.51 | 0.00000 | -137.89 |
| 159.10 | 0.00000 |        |         |         |
|        | -139.30 | 157.68 | 0.00000 | -140.71 |
| 156.27 | 0.00000 |        |         |         |
|        | -142.13 | 154.86 | 0.00000 | -154.86 |
| 142.13 | 0.00000 |        |         |         |
|        | -156.27 | 140.71 | 0.00000 | -157.68 |
| 139.30 | 0.00000 |        |         |         |
|        | -159.10 | 137.89 | 0.00000 | -160.51 |
| 136.47 | 0.00000 |        |         |         |
|        | -162.63 | 134.35 | 0.00000 | -166.17 |
| 130.81 | 0.00000 |        |         |         |
|        | -169.71 | 127.28 | 0.00000 | -176.78 |
| 120.21 | 0.00000 |        |         |         |
|        | -183.85 | 113.14 | 0.00000 | -190.92 |
| 106.07 | 0.00000 |        |         |         |
|        | -197.99 | 99.00  | 0.00000 | -205.06 |
| 91.92  | 0.00000 |        |         |         |
|        | -212.13 | 84.85  | 0.00000 | -219.20 |
| 77.78  | 0.00000 |        |         |         |
|        | -70.71  | 212.13 | 0.00000 | -77.78  |
| 205.06 | 0.00000 |        |         |         |
|        | -84.85  | 197.99 | 0.00000 | -91.92  |
| 190.92 | 0.00000 |        |         |         |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
 176.78 -98.99 183.85 0.00000 -106.07  
 162.63 -113.14 169.71 0.00000 -120.21  
 155.56 -123.74 159.10 0.00000 -127.28

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

PAGE 25  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 152.03      | -129.40     | 153.44      | 0.00000 | -130.81     |
|             | 0.00000     |             |         |             |
| 149.20      | -132.23     | 150.61      | 0.00000 | -133.64     |
|             | 0.00000     |             |         |             |
| 135.06      | -135.06     | 147.79      | 0.00000 | -147.79     |
|             | 0.00000     |             |         |             |
| 132.23      | -149.20     | 133.64      | 0.00000 | -150.61     |
|             | 0.00000     |             |         |             |
| 129.40      | -152.03     | 130.81      | 0.00000 | -153.44     |
|             | 0.00000     |             |         |             |
| 123.74      | -155.56     | 127.28      | 0.00000 | -159.10     |
|             | 0.00000     |             |         |             |
| 113.14      | -162.63     | 120.21      | 0.00000 | -169.71     |
|             | 0.00000     |             |         |             |
| 98.99       | -176.78     | 106.07      | 0.00000 | -183.85     |
|             | 0.00000     |             |         |             |
| 84.85       | -190.92     | 91.92       | 0.00000 | -197.99     |
|             | 0.00000     |             |         |             |
| 70.71       | -205.06     | 77.78       | 0.00000 | -212.13     |
|             | 0.00000     |             |         |             |
| 197.99      | -63.64      | 205.06      | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| 183.85      | -77.78      | 190.92      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| 169.71      | -91.92      | 176.78      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 155.56      | -106.07     | 162.63      | 0.00000 | -113.14     |
|             | 0.00000     |             |         |             |
| 148.49      | -116.67     | 152.03      | 0.00000 | -120.21     |
|             | 0.00000     |             |         |             |
| 144.96      | -122.33     | 146.37      | 0.00000 | -123.74     |
|             | 0.00000     |             |         |             |
| 142.13      | -125.16     | 143.54      | 0.00000 | -126.57     |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 127.99 | -127.99 | 140.71 | 0.00000 | -140.71 |
|        | 0.00000 |        |         |         |
| 125.16 | -142.13 | 126.57 | 0.00000 | -143.54 |
|        | 0.00000 |        |         |         |
| 122.33 | -144.96 | 123.74 | 0.00000 | -146.37 |
|        | 0.00000 |        |         |         |
| 116.67 | -148.49 | 120.21 | 0.00000 | -152.03 |
|        | 0.00000 |        |         |         |
| 106.07 | -155.56 | 113.14 | 0.00000 | -162.63 |
|        | 0.00000 |        |         |         |
|        | -169.71 | 98.99  | 0.00000 | -176.78 |
| 91.92  | 0.00000 |        |         |         |
|        | -183.85 | 84.85  | 0.00000 | -190.92 |
| 77.78  | 0.00000 |        |         |         |
|        | -197.99 | 70.71  | 0.00000 | -205.06 |
| 63.64  | 0.00000 |        |         |         |
|        | -56.57  | 197.99 | 0.00000 | -63.64  |
| 190.92 | 0.00000 |        |         |         |
|        | -70.71  | 183.85 | 0.00000 | -77.78  |
| 176.78 | 0.00000 |        |         |         |
|        | -84.85  | 169.71 | 0.00000 | -91.92  |
| 162.63 | 0.00000 |        |         |         |
|        | -98.99  | 155.56 | 0.00000 | -106.07 |
| 148.49 | 0.00000 |        |         |         |
|        | -109.60 | 144.96 | 0.00000 | -113.14 |
| 141.42 | 0.00000 |        |         |         |
|        | -115.26 | 139.30 | 0.00000 | -116.67 |
| 137.89 | 0.00000 |        |         |         |
|        | -118.09 | 136.47 | 0.00000 | -119.50 |
| 135.06 | 0.00000 |        |         |         |
|        | -120.92 | 133.64 | 0.00000 | -133.64 |
| 120.92 | 0.00000 |        |         |         |
|        | -135.06 | 119.50 | 0.00000 | -136.47 |
| 118.09 | 0.00000 |        |         |         |
|        | -137.89 | 116.67 | 0.00000 | -139.30 |
| 115.26 | 0.00000 |        |         |         |
|        | -141.42 | 113.14 | 0.00000 | -144.96 |
| 109.60 | 0.00000 |        |         |         |
|        | -148.49 | 106.07 | 0.00000 | -155.56 |
| 98.99  | 0.00000 |        |         |         |
|        | -162.63 | 91.92  | 0.00000 | -169.71 |
| 84.85  | 0.00000 |        |         |         |
|        | -176.78 | 77.78  | 0.00000 | -183.85 |
| 70.71  | 0.00000 |        |         |         |
|        | -190.92 | 63.64  | 0.00000 | -197.99 |
| 56.57  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

Direction  
\*\*MODELOPTs:

\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 183.85      | -49.50      | 190.92      | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| 169.71      | -63.64      | 176.78      | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| 155.56      | -77.78      | 162.63      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| 141.42      | -91.92      | 148.49      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 134.35      | -102.53     | 137.89      | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| 130.81      | -108.19     | 132.23      | 0.00000 | -109.60     |
|             | 0.00000     |             |         |             |
| 127.99      | -111.02     | 129.40      | 0.00000 | -112.43     |
|             | 0.00000     |             |         |             |
| 113.84      | -113.84     | 126.57      | 0.00000 | -126.57     |
|             | 0.00000     |             |         |             |
| 111.02      | -127.99     | 112.43      | 0.00000 | -129.40     |
|             | 0.00000     |             |         |             |
| 108.19      | -130.81     | 109.60      | 0.00000 | -132.23     |
|             | 0.00000     |             |         |             |
| 102.53      | -134.35     | 106.07      | 0.00000 | -137.89     |
|             | 0.00000     |             |         |             |
| 91.92       | -141.42     | 98.99       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 77.78       | -155.56     | 84.85       | 0.00000 | -162.63     |
|             | 0.00000     |             |         |             |
| 63.64       | -169.71     | 70.71       | 0.00000 | -176.78     |
|             | 0.00000     |             |         |             |
| 49.50       | -183.85     | 56.57       | 0.00000 | -190.92     |
|             | 0.00000     |             |         |             |
| 176.78      | -42.43      | 183.85      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| 162.63      | -56.57      | 169.71      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| 148.49      | -70.71      | 155.56      | 0.00000 | -77.78      |
|             | 0.00000     |             |         |             |
| 134.35      | -84.85      | 141.42      | 0.00000 | -91.92      |
|             | 0.00000     |             |         |             |
| 127.28      | -95.46      | 130.81      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 123.74      | -101.12     | 125.16      | 0.00000 | -102.53     |
|             | 0.00000     |             |         |             |
| 120.92      | -103.94     | 122.33      | 0.00000 | -105.36     |
|             | 0.00000     |             |         |             |
| 106.77      | -106.77     | 119.50      | 0.00000 | -119.50     |
|             | 0.00000     |             |         |             |
| 103.94      | -120.92     | 105.36      | 0.00000 | -122.33     |
|             | 0.00000     |             |         |             |
| 101.12      | -123.74     | 102.53      | 0.00000 | -125.16     |
|             | 0.00000     |             |         |             |
| 95.46       | -127.28     | 98.99       | 0.00000 | -130.81     |
|             | 0.00000     |             |         |             |
| 84.85       | -134.35     | 91.92       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 70.71       | -148.49     | 77.78       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
|             | -162.63     | 63.64       | 0.00000 | -169.71     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 56.57  | 0.00000 |        |         |         |
|        | -176.78 | 49.50  | 0.00000 | -183.85 |
| 42.43  | 0.00000 |        |         |         |
|        | -35.36  | 176.78 | 0.00000 | -42.43  |
| 169.71 | 0.00000 |        |         |         |
|        | -49.50  | 162.63 | 0.00000 | -56.57  |
| 155.56 | 0.00000 |        |         |         |
|        | -63.64  | 148.49 | 0.00000 | -70.71  |
| 141.42 | 0.00000 |        |         |         |
|        | -77.78  | 134.35 | 0.00000 | -84.85  |
| 127.28 | 0.00000 |        |         |         |
|        | -88.39  | 123.74 | 0.00000 | -91.92  |
| 120.21 | 0.00000 |        |         |         |
|        | -94.05  | 118.09 | 0.00000 | -95.46  |
| 116.67 | 0.00000 |        |         |         |
|        | -96.87  | 115.26 | 0.00000 | -98.29  |
| 113.84 | 0.00000 |        |         |         |
|        | -99.70  | 112.43 | 0.00000 | -112.43 |
| 99.70  | 0.00000 |        |         |         |
|        | -113.84 | 98.29  | 0.00000 | -115.26 |
| 96.87  | 0.00000 |        |         |         |
|        | -116.67 | 95.46  | 0.00000 | -118.09 |
| 94.05  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -120.21     | 91.92       | 0.00000 | -123.74     |
| 88.39       | 0.00000     |             |         |             |
|             | -127.28     | 84.85       | 0.00000 | -134.35     |
| 77.78       | 0.00000     |             |         |             |
|             | -141.42     | 70.71       | 0.00000 | -148.49     |
| 63.64       | 0.00000     |             |         |             |
|             | -155.56     | 56.57       | 0.00000 | -162.63     |
| 49.50       | 0.00000     |             |         |             |
|             | -169.71     | 42.43       | 0.00000 | -176.78     |
| 35.36       | 0.00000     |             |         |             |
|             | -28.28      | 169.71      | 0.00000 | -35.36      |
| 162.63      | 0.00000     |             |         |             |
|             | -42.43      | 155.56      | 0.00000 | -49.50      |
| 148.49      | 0.00000     |             |         |             |
|             | -56.57      | 141.42      | 0.00000 | -63.64      |
| 134.35      | 0.00000     |             |         |             |
|             | -70.71      | 127.28      | 0.00000 | -77.78      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 120.21 | 0.00000 |        |         |         |
|        | -81.32  | 116.67 | 0.00000 | -84.85  |
| 113.14 | 0.00000 |        |         |         |
|        | -86.97  | 111.02 | 0.00000 | -88.39  |
| 109.60 | 0.00000 |        |         |         |
|        | -89.80  | 108.19 | 0.00000 | -91.22  |
| 106.77 | 0.00000 |        |         |         |
|        | -92.63  | 105.36 | 0.00000 | -105.36 |
| 92.63  | 0.00000 |        |         |         |
|        | -106.77 | 91.22  | 0.00000 | -108.19 |
| 89.80  | 0.00000 |        |         |         |
|        | -109.60 | 88.39  | 0.00000 | -111.02 |
| 86.97  | 0.00000 |        |         |         |
|        | -113.14 | 84.85  | 0.00000 | -116.67 |
| 81.32  | 0.00000 |        |         |         |
|        | -120.21 | 77.78  | 0.00000 | -127.28 |
| 70.71  | 0.00000 |        |         |         |
|        | -134.35 | 63.64  | 0.00000 | -141.42 |
| 56.57  | 0.00000 |        |         |         |
|        | -148.49 | 49.50  | 0.00000 | -155.56 |
| 42.43  | 0.00000 |        |         |         |
|        | -162.63 | 35.36  | 0.00000 | -169.71 |
| 28.28  | 0.00000 |        |         |         |
|        | -21.21  | 162.63 | 0.00000 | -28.28  |
| 155.56 | 0.00000 |        |         |         |
|        | -35.36  | 148.49 | 0.00000 | -42.43  |
| 141.42 | 0.00000 |        |         |         |
|        | -49.50  | 134.35 | 0.00000 | -56.57  |
| 127.28 | 0.00000 |        |         |         |
|        | -63.64  | 120.21 | 0.00000 | -70.71  |
| 113.14 | 0.00000 |        |         |         |
|        | -74.25  | 109.60 | 0.00000 | -77.78  |
| 106.07 | 0.00000 |        |         |         |
|        | -79.90  | 103.94 | 0.00000 | -81.32  |
| 102.53 | 0.00000 |        |         |         |
|        | -82.73  | 101.12 | 0.00000 | -84.15  |
| 99.70  | 0.00000 |        |         |         |
|        | -85.56  | 98.29  | 0.00000 | -98.29  |
| 85.56  | 0.00000 |        |         |         |
|        | -99.70  | 84.15  | 0.00000 | -101.12 |
| 82.73  | 0.00000 |        |         |         |
|        | -102.53 | 81.32  | 0.00000 | -103.94 |
| 79.90  | 0.00000 |        |         |         |
|        | -106.07 | 77.78  | 0.00000 | -109.60 |
| 74.25  | 0.00000 |        |         |         |
|        | -113.14 | 70.71  | 0.00000 | -120.21 |
| 63.64  | 0.00000 |        |         |         |
|        | -127.28 | 56.57  | 0.00000 | -134.35 |
| 49.50  | 0.00000 |        |         |         |
|        | -141.42 | 42.43  | 0.00000 | -148.49 |
| 35.36  | 0.00000 |        |         |         |
|        | -155.56 | 28.28  | 0.00000 | -162.63 |
| 21.21  | 0.00000 |        |         |         |
|        | -14.14  | 155.56 | 0.00000 | -21.21  |
| 148.49 | 0.00000 |        |         |         |
|        | -28.28  | 141.42 | 0.00000 | -35.36  |
| 134.35 | 0.00000 |        |         |         |
|        | -42.43  | 127.28 | 0.00000 | -49.50  |
| 120.21 | 0.00000 |        |         |         |
|        | -56.57  | 113.14 | 0.00000 | -63.64  |
| 106.07 | 0.00000 |        |         |         |
|        | -67.18  | 102.53 | 0.00000 | -70.71  |
| 98.99  | 0.00000 |        |         |         |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 28  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 95.46       | -72.83      | 96.87       | 0.00000 | -74.25      |
|             | 0.00000     |             |         |             |
| 92.63       | -75.66      | 94.05       | 0.00000 | -77.07      |
|             | 0.00000     |             |         |             |
| 78.49       | -78.49      | 91.22       | 0.00000 | -91.22      |
|             | 0.00000     |             |         |             |
| 75.66       | -92.63      | 77.07       | 0.00000 | -94.05      |
|             | 0.00000     |             |         |             |
| 72.83       | -95.46      | 74.25       | 0.00000 | -96.87      |
|             | 0.00000     |             |         |             |
| 67.18       | -98.99      | 70.71       | 0.00000 | -102.53     |
|             | 0.00000     |             |         |             |
| 56.57       | -106.07     | 63.64       | 0.00000 | -113.14     |
|             | 0.00000     |             |         |             |
| 42.43       | -120.21     | 49.50       | 0.00000 | -127.28     |
|             | 0.00000     |             |         |             |
| 28.28       | -134.35     | 35.36       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 14.14       | -148.49     | 21.21       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
| 141.42      | -7.07       | 148.49      | 0.00000 | -14.14      |
|             | 0.00000     |             |         |             |
| 127.28      | -21.21      | 134.35      | 0.00000 | -28.28      |
|             | 0.00000     |             |         |             |
| 113.14      | -35.36      | 120.21      | 0.00000 | -42.43      |
|             | 0.00000     |             |         |             |
| 98.99       | -49.50      | 106.07      | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| 91.92       | -60.10      | 95.46       | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| 88.39       | -65.76      | 89.80       | 0.00000 | -67.18      |
|             | 0.00000     |             |         |             |
| 85.56       | -68.59      | 86.97       | 0.00000 | -70.00      |
|             | 0.00000     |             |         |             |
| 71.42       | -71.42      | 84.15       | 0.00000 | -84.15      |
|             | 0.00000     |             |         |             |
| 68.59       | -85.56      | 70.00       | 0.00000 | -86.97      |
|             | 0.00000     |             |         |             |
| 65.76       | -88.39      | 67.18       | 0.00000 | -89.80      |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 60.10  | -91.92  | 63.64  | 0.00000 | -95.46  |
|        | 0.00000 |        |         |         |
| 49.50  | -98.99  | 56.57  | 0.00000 | -106.07 |
|        | 0.00000 |        |         |         |
| 35.36  | -113.14 | 42.43  | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 21.21  | -127.28 | 28.28  | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 7.07   | -141.42 | 14.14  | 0.00000 | -148.49 |
|        | 0.00    | 141.42 | 0.00000 | -7.07   |
| 134.35 | -14.14  | 127.28 | 0.00000 | -21.21  |
|        | 0.00000 |        |         |         |
| 120.21 | -28.28  | 113.14 | 0.00000 | -35.36  |
|        | 0.00000 |        |         |         |
| 106.07 | -42.43  | 98.99  | 0.00000 | -49.50  |
|        | 0.00000 |        |         |         |
| 91.92  | -53.03  | 88.39  | 0.00000 | -56.57  |
|        | 0.00000 |        |         |         |
| 84.85  | -58.69  | 82.73  | 0.00000 | -60.10  |
|        | 0.00000 |        |         |         |
| 81.32  | -61.52  | 79.90  | 0.00000 | -62.93  |
|        | 0.00000 |        |         |         |
| 78.49  | -64.35  | 77.07  | 0.00000 | -77.07  |
|        | 0.00000 |        |         |         |
| 64.35  | -78.49  | 62.93  | 0.00000 | -79.90  |
|        | 0.00000 |        |         |         |
| 61.52  | -81.32  | 60.10  | 0.00000 | -82.73  |
|        | 0.00000 |        |         |         |
| 58.69  | -84.85  | 56.57  | 0.00000 | -88.39  |
|        | 0.00000 |        |         |         |
| 53.03  | -91.92  | 49.50  | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 42.43  | -106.07 | 35.36  | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 28.28  | -120.21 | 21.21  | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 14.14  | -134.35 | 7.07   | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 29  
 URBAN FLAT FLGPOL DFAULT

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
|        | 7.07    | 134.35 | 0.00000 | 0.00    |
| 127.28 | 0.00000 |        |         |         |
|        | -7.07   | 120.21 | 0.00000 | -14.14  |
| 113.14 | 0.00000 |        |         |         |
|        | -21.21  | 106.07 | 0.00000 | -28.28  |
| 98.99  | 0.00000 |        |         |         |
|        | -35.36  | 91.92  | 0.00000 | -42.43  |
| 84.85  | 0.00000 |        |         |         |
|        | -45.96  | 81.32  | 0.00000 | -49.50  |
| 77.78  | 0.00000 |        |         |         |
|        | -51.62  | 75.66  | 0.00000 | -53.03  |
| 74.25  | 0.00000 |        |         |         |
|        | -54.45  | 72.83  | 0.00000 | -55.86  |
| 71.42  | 0.00000 |        |         |         |
|        | -57.28  | 70.00  | 0.00000 | -70.00  |
| 57.28  | 0.00000 |        |         |         |
|        | -71.42  | 55.86  | 0.00000 | -72.83  |
| 54.45  | 0.00000 |        |         |         |
|        | -74.25  | 53.03  | 0.00000 | -75.66  |
| 51.62  | 0.00000 |        |         |         |
|        | -77.78  | 49.50  | 0.00000 | -81.32  |
| 45.96  | 0.00000 |        |         |         |
|        | -84.85  | 42.43  | 0.00000 | -91.92  |
| 35.36  | 0.00000 |        |         |         |
|        | -98.99  | 28.28  | 0.00000 | -106.07 |
| 21.21  | 0.00000 |        |         |         |
|        | -113.14 | 14.14  | 0.00000 | -120.21 |
| 7.07   | 0.00000 |        |         |         |
|        | -127.28 | 0.00   | 0.00000 | -134.35 |
| -7.07  | 0.00000 |        |         |         |
|        | 14.14   | 127.28 | 0.00000 | 7.07    |
| 120.21 | 0.00000 |        |         |         |
|        | 0.00    | 113.14 | 0.00000 | -7.07   |
| 106.07 | 0.00000 |        |         |         |
|        | -14.14  | 98.99  | 0.00000 | -21.21  |
| 91.92  | 0.00000 |        |         |         |
|        | -28.28  | 84.85  | 0.00000 | -35.36  |
| 77.78  | 0.00000 |        |         |         |
|        | -38.89  | 74.25  | 0.00000 | -42.43  |
| 70.71  | 0.00000 |        |         |         |
|        | -44.55  | 68.59  | 0.00000 | -45.96  |
| 67.18  | 0.00000 |        |         |         |
|        | -47.38  | 65.76  | 0.00000 | -48.79  |
| 64.35  | 0.00000 |        |         |         |
|        | -50.20  | 62.93  | 0.00000 | -62.93  |
| 50.20  | 0.00000 |        |         |         |
|        | -64.35  | 48.79  | 0.00000 | -65.76  |
| 47.38  | 0.00000 |        |         |         |
|        | -67.18  | 45.96  | 0.00000 | -68.59  |
| 44.55  | 0.00000 |        |         |         |
|        | -70.71  | 42.43  | 0.00000 | -74.25  |
| 38.89  | 0.00000 |        |         |         |
|        | -77.78  | 35.36  | 0.00000 | -84.85  |
| 28.28  | 0.00000 |        |         |         |
|        | -91.92  | 21.21  | 0.00000 | -98.99  |
| 14.14  | 0.00000 |        |         |         |
|        | -106.07 | 7.07   | 0.00000 | -113.14 |
| 0.00   | 0.00000 |        |         |         |
|        | -120.21 | -7.07  | 0.00000 | -127.28 |
| -14.14 | 0.00000 |        |         |         |
|        | 21.21   | 120.21 | 0.00000 | 14.14   |
| 113.14 | 0.00000 |        |         |         |
|        | 7.07    | 106.07 | 0.00000 | 0.00    |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|       |         |       |         |        |
|-------|---------|-------|---------|--------|
| 98.99 | 0.00000 |       |         |        |
|       | -7.07   | 91.92 | 0.00000 | -14.14 |
| 84.85 | 0.00000 |       |         |        |
|       | -21.21  | 77.78 | 0.00000 | -28.28 |
| 70.71 | 0.00000 |       |         |        |
|       | -31.82  | 67.18 | 0.00000 | -35.36 |
| 63.64 | 0.00000 |       |         |        |
|       | -37.48  | 61.52 | 0.00000 | -38.89 |
| 60.10 | 0.00000 |       |         |        |
|       | -40.31  | 58.69 | 0.00000 | -41.72 |
| 57.28 | 0.00000 |       |         |        |
|       | -43.13  | 55.86 | 0.00000 | -55.86 |
| 43.13 | 0.00000 |       |         |        |
|       | -57.28  | 41.72 | 0.00000 | -58.69 |
| 40.31 | 0.00000 |       |         |        |
|       | -60.10  | 38.89 | 0.00000 | -61.52 |
| 37.48 | 0.00000 |       |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 30  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -63.64      | 35.36       | 0.00000 | -67.18      |
| 31.82       | 0.00000     |             |         |             |
|             | -70.71      | 28.28       | 0.00000 | -77.78      |
| 21.21       | 0.00000     |             |         |             |
|             | -84.85      | 14.14       | 0.00000 | -91.92      |
| 7.07        | 0.00000     |             |         |             |
|             | -98.99      | 0.00        | 0.00000 | -106.07     |
| -7.07       | 0.00000     |             |         |             |
|             | -113.14     | -14.14      | 0.00000 | -120.21     |
| -21.21      | 0.00000     |             |         |             |
|             | 28.28       | 113.14      | 0.00000 | 21.21       |
| 106.07      | 0.00000     |             |         |             |
|             | 14.14       | 98.99       | 0.00000 | 7.07        |
| 91.92       | 0.00000     |             |         |             |
|             | 0.00        | 84.85       | 0.00000 | -7.07       |
| 77.78       | 0.00000     |             |         |             |
|             | -14.14      | 70.71       | 0.00000 | -21.21      |
| 63.64       | 0.00000     |             |         |             |
|             | -24.75      | 60.10       | 0.00000 | -28.28      |
| 56.57       | 0.00000     |             |         |             |
|             | -30.41      | 54.45       | 0.00000 | -31.82      |
| 53.03       | 0.00000     |             |         |             |
|             | -33.23      | 51.62       | 0.00000 | -34.65      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 50.20  | 0.00000 |        |         |         |
|        | -36.06  | 48.79  | 0.00000 | -48.79  |
| 36.06  | 0.00000 |        |         |         |
|        | -50.20  | 34.65  | 0.00000 | -51.62  |
| 33.23  | 0.00000 |        |         |         |
|        | -53.03  | 31.82  | 0.00000 | -54.45  |
| 30.41  | 0.00000 |        |         |         |
|        | -56.57  | 28.28  | 0.00000 | -60.10  |
| 24.75  | 0.00000 |        |         |         |
|        | -63.64  | 21.21  | 0.00000 | -70.71  |
| 14.14  | 0.00000 |        |         |         |
|        | -77.78  | 7.07   | 0.00000 | -84.85  |
| 0.00   | 0.00000 |        |         |         |
|        | -91.92  | -7.07  | 0.00000 | -98.99  |
| -14.14 | 0.00000 |        |         |         |
|        | -106.07 | -21.21 | 0.00000 | -113.14 |
| -28.28 | 0.00000 |        |         |         |
|        | 35.36   | 106.07 | 0.00000 | 28.28   |
| 98.99  | 0.00000 |        |         |         |
|        | 21.21   | 91.92  | 0.00000 | 14.14   |
| 84.85  | 0.00000 |        |         |         |
|        | 7.07    | 77.78  | 0.00000 | 0.00    |
| 70.71  | 0.00000 |        |         |         |
|        | -7.07   | 63.64  | 0.00000 | -14.14  |
| 56.57  | 0.00000 |        |         |         |
|        | -17.68  | 53.03  | 0.00000 | -21.21  |
| 49.50  | 0.00000 |        |         |         |
|        | -23.33  | 47.38  | 0.00000 | -24.75  |
| 45.96  | 0.00000 |        |         |         |
|        | -26.16  | 44.55  | 0.00000 | -27.58  |
| 43.13  | 0.00000 |        |         |         |
|        | -28.99  | 41.72  | 0.00000 | -41.72  |
| 28.99  | 0.00000 |        |         |         |
|        | -43.13  | 27.58  | 0.00000 | -44.55  |
| 26.16  | 0.00000 |        |         |         |
|        | -45.96  | 24.75  | 0.00000 | -47.38  |
| 23.33  | 0.00000 |        |         |         |
|        | -49.50  | 21.21  | 0.00000 | -53.03  |
| 17.68  | 0.00000 |        |         |         |
|        | -56.57  | 14.14  | 0.00000 | -63.64  |
| 7.07   | 0.00000 |        |         |         |
|        | -70.71  | 0.00   | 0.00000 | -77.78  |
| -7.07  | 0.00000 |        |         |         |
|        | -84.85  | -14.14 | 0.00000 | -91.92  |
| -21.21 | 0.00000 |        |         |         |
|        | -98.99  | -28.28 | 0.00000 | -106.07 |
| -35.36 | 0.00000 |        |         |         |
|        | 42.43   | 98.99  | 0.00000 | 35.36   |
| 91.92  | 0.00000 |        |         |         |
|        | 28.28   | 84.85  | 0.00000 | 21.21   |
| 77.78  | 0.00000 |        |         |         |
|        | 14.14   | 70.71  | 0.00000 | 7.07    |
| 63.64  | 0.00000 |        |         |         |
|        | 0.00    | 56.57  | 0.00000 | -7.07   |
| 49.50  | 0.00000 |        |         |         |
|        | -10.61  | 45.96  | 0.00000 | -14.14  |
| 42.43  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

CONC 05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 38.89       | -16.26      | 40.31       | 0.00000 | -17.68      |
|             | 0.00000     |             |         |             |
| 36.06       | -19.09      | 37.48       | 0.00000 | -20.51      |
|             | 0.00000     |             |         |             |
| 21.92       | -21.92      | 34.65       | 0.00000 | -34.65      |
|             | 0.00000     |             |         |             |
| 19.09       | -36.06      | 20.51       | 0.00000 | -37.48      |
|             | 0.00000     |             |         |             |
| 16.26       | -38.89      | 17.68       | 0.00000 | -40.31      |
|             | 0.00000     |             |         |             |
| 10.61       | -42.43      | 14.14       | 0.00000 | -45.96      |
|             | 0.00000     |             |         |             |
| 0.00        | -49.50      | 7.07        | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| -14.14      | -63.64      | -7.07       | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| -28.28      | -77.78      | -21.21      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| -42.43      | -91.92      | -35.36      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 84.85       | 49.50       | 91.92       | 0.00000 | 42.43       |
|             | 0.00000     |             |         |             |
| 70.71       | 35.36       | 77.78       | 0.00000 | 28.28       |
|             | 0.00000     |             |         |             |
| 56.57       | 21.21       | 63.64       | 0.00000 | 14.14       |
|             | 0.00000     |             |         |             |
| 42.43       | 7.07        | 49.50       | 0.00000 | 0.00        |
|             | 0.00000     |             |         |             |
| 35.36       | -3.54       | 38.89       | 0.00000 | -7.07       |
|             | 0.00000     |             |         |             |
| 31.82       | -9.19       | 33.23       | 0.00000 | -10.61      |
|             | 0.00000     |             |         |             |
| 28.99       | -12.02      | 30.41       | 0.00000 | -13.44      |
|             | 0.00000     |             |         |             |
| 14.85       | -14.85      | 27.58       | 0.00000 | -27.58      |
|             | 0.00000     |             |         |             |
| 12.02       | -28.99      | 13.44       | 0.00000 | -30.41      |
|             | 0.00000     |             |         |             |
| 9.19        | -31.82      | 10.61       | 0.00000 | -33.23      |
|             | 0.00000     |             |         |             |
| 3.54        | -35.36      | 7.07        | 0.00000 | -38.89      |
|             | 0.00000     |             |         |             |
| -7.07       | -42.43      | 0.00        | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| -21.21      | -56.57      | -14.14      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -35.36 | -70.71  | -28.28 | 0.00000 | -77.78 |
|        | 0.00000 |        |         |        |
| -49.50 | -84.85  | -42.43 | 0.00000 | -91.92 |
|        | 0.00000 |        |         |        |
| 77.78  | 56.57   | 84.85  | 0.00000 | 49.50  |
|        | 0.00000 |        |         |        |
| 63.64  | 42.43   | 70.71  | 0.00000 | 35.36  |
|        | 0.00000 |        |         |        |
| 49.50  | 28.28   | 56.57  | 0.00000 | 21.21  |
|        | 0.00000 |        |         |        |
| 35.36  | 14.14   | 42.43  | 0.00000 | 7.07   |
|        | 0.00000 |        |         |        |
| 28.28  | 3.54    | 31.82  | 0.00000 | 0.00   |
|        | 0.00000 |        |         |        |
| 24.75  | -2.12   | 26.16  | 0.00000 | -3.54  |
|        | 0.00000 |        |         |        |
| 21.92  | -4.95   | 23.33  | 0.00000 | -6.36  |
|        | 0.00000 |        |         |        |
| 7.78   | -7.78   | 20.51  | 0.00000 | -20.51 |
|        | 0.00000 |        |         |        |
| 4.95   | -21.92  | 6.36   | 0.00000 | -23.33 |
|        | 0.00000 |        |         |        |
| 2.12   | -24.75  | 3.54   | 0.00000 | -26.16 |
|        | 0.00000 |        |         |        |
| -3.54  | -28.28  | 0.00   | 0.00000 | -31.82 |
|        | 0.00000 |        |         |        |
| -14.14 | -35.36  | -7.07  | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -28.28 | -49.50  | -21.21 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -42.43 | -63.64  | -35.36 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| -56.57 | -77.78  | -49.50 | 0.00000 | -84.85 |
|        | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 32  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 70.71       | 63.64       | 77.78       | 0.00000 | 56.57       |
|             | 0.00000     |             |         |             |
| 56.57       | 49.50       | 63.64       | 0.00000 | 42.43       |
|             | 0.00000     |             |         |             |
| 42.43       | 35.36       | 49.50       | 0.00000 | 28.28       |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 28.28  | 21.21   | 35.36  | 0.00000 | 14.14  |
|        | 0.00000 |        |         |        |
| 21.21  | 10.61   | 24.75  | 0.00000 | 7.07   |
|        | 0.00000 |        |         |        |
| 17.68  | 4.95    | 19.09  | 0.00000 | 3.54   |
|        | 0.00000 |        |         |        |
| 14.85  | 2.12    | 16.26  | 0.00000 | 0.71   |
|        | 0.00000 |        |         |        |
| 0.71   | -0.71   | 13.44  | 0.00000 | -13.44 |
|        | 0.00000 |        |         |        |
| -2.12  | -14.85  | -0.71  | 0.00000 | -16.26 |
|        | 0.00000 |        |         |        |
| -4.95  | -17.68  | -3.54  | 0.00000 | -19.09 |
|        | 0.00000 |        |         |        |
| -10.61 | -21.21  | -7.07  | 0.00000 | -24.75 |
|        | 0.00000 |        |         |        |
| -21.21 | -28.28  | -14.14 | 0.00000 | -35.36 |
|        | 0.00000 |        |         |        |
| -35.36 | -42.43  | -28.28 | 0.00000 | -49.50 |
|        | 0.00000 |        |         |        |
| -49.50 | -56.57  | -42.43 | 0.00000 | -63.64 |
|        | 0.00000 |        |         |        |
| -63.64 | -70.71  | -56.57 | 0.00000 | -77.78 |
|        | 0.00000 |        |         |        |
| 63.64  | 70.71   | 70.71  | 0.00000 | 63.64  |
|        | 0.00000 |        |         |        |
| 49.50  | 56.57   | 56.57  | 0.00000 | 49.50  |
|        | 0.00000 |        |         |        |
| 35.36  | 42.43   | 42.43  | 0.00000 | 35.36  |
|        | 0.00000 |        |         |        |
| 21.21  | 28.28   | 28.28  | 0.00000 | 21.21  |
|        | 0.00000 |        |         |        |
| 14.14  | 17.68   | 17.68  | 0.00000 | 14.14  |
|        | 0.00000 |        |         |        |
| 10.61  | 12.02   | 12.02  | 0.00000 | 10.61  |
|        | 0.00000 |        |         |        |
| 7.78   | 9.19    | 9.19   | 0.00000 | 7.78   |
|        | 0.00000 |        |         |        |
| -6.36  | 6.36    | 6.36   | 0.00000 | -6.36  |
|        | 0.00000 |        |         |        |
| -9.19  | -7.78   | -7.78  | 0.00000 | -9.19  |
|        | 0.00000 |        |         |        |
| -12.02 | -10.61  | -10.61 | 0.00000 | -12.02 |
|        | 0.00000 |        |         |        |
| -17.68 | -14.14  | -14.14 | 0.00000 | -17.68 |
|        | 0.00000 |        |         |        |
| -28.28 | -21.21  | -21.21 | 0.00000 | -28.28 |
|        | 0.00000 |        |         |        |
| -42.43 | -35.36  | -35.36 | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -56.57 | -49.50  | -49.50 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -70.71 | -63.64  | -63.64 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| 56.57  | 77.78   | 63.64  | 0.00000 | 70.71  |
|        | 0.00000 |        |         |        |
| 42.43  | 63.64   | 49.50  | 0.00000 | 56.57  |
|        | 0.00000 |        |         |        |
| 28.28  | 49.50   | 35.36  | 0.00000 | 42.43  |
|        | 0.00000 |        |         |        |
| 14.14  | 35.36   | 21.21  | 0.00000 | 28.28  |
|        | 0.00000 |        |         |        |
|        | 24.75   | 10.61  | 0.00000 | 21.21  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |       |
|--------|---------|--------|---------|-------|
| 7.07   | 0.00000 |        |         |       |
|        | 19.09   | 4.95   | 0.00000 | 17.68 |
| 3.54   | 0.00000 |        |         |       |
|        | 16.26   | 2.12   | 0.00000 | 14.85 |
| 0.71   | 0.00000 |        |         |       |
|        | 13.44   | -0.71  | 0.00000 | 0.71  |
| -13.44 | 0.00000 |        |         |       |
|        | -0.71   | -14.85 | 0.00000 | -2.12 |
| -16.26 | 0.00000 |        |         |       |
|        | -3.54   | -17.68 | 0.00000 | -4.95 |
| -19.09 | 0.00000 |        |         |       |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 33  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -24.75      | -7.07       | -21.21      | 0.00000 | -10.61      |
| -35.36      | 0.00000     | -28.28      | 0.00000 | -21.21      |
| -49.50      | -14.14      | -42.43      | 0.00000 | -35.36      |
| -63.64      | -28.28      | -56.57      | 0.00000 | -49.50      |
| -77.78      | -42.43      | -70.71      | 0.00000 | -63.64      |
| 49.50       | -56.57      | 56.57       | 0.00000 | 77.78       |
| 35.36       | 84.85       | 42.43       | 0.00000 | 63.64       |
| 21.21       | 70.71       | 28.28       | 0.00000 | 49.50       |
| 7.07        | 56.57       | 14.14       | 0.00000 | 35.36       |
| 0.00        | 42.43       | 3.54        | 0.00000 | 28.28       |
| -3.54       | 31.82       | -2.12       | 0.00000 | 24.75       |
| -6.36       | 26.16       | -4.95       | 0.00000 | 21.92       |
| -20.51      | 23.33       | -7.78       | 0.00000 | 7.78        |
| -23.33      | 20.51       | -21.92      | 0.00000 | 4.95        |
|             | 6.36        | -24.75      | 0.00000 | 2.12        |
|             | 3.54        |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -26.16 | 0.00000 |        |         |        |
|        | 0.00    | -28.28 | 0.00000 | -3.54  |
| -31.82 | 0.00000 |        |         |        |
|        | -7.07   | -35.36 | 0.00000 | -14.14 |
| -42.43 | 0.00000 |        |         |        |
|        | -21.21  | -49.50 | 0.00000 | -28.28 |
| -56.57 | 0.00000 |        |         |        |
|        | -35.36  | -63.64 | 0.00000 | -42.43 |
| -70.71 | 0.00000 |        |         |        |
|        | -49.50  | -77.78 | 0.00000 | -56.57 |
| -84.85 | 0.00000 |        |         |        |
|        | 91.92   | 49.50  | 0.00000 | 84.85  |
| 42.43  | 0.00000 |        |         |        |
|        | 77.78   | 35.36  | 0.00000 | 70.71  |
| 28.28  | 0.00000 |        |         |        |
|        | 63.64   | 21.21  | 0.00000 | 56.57  |
| 14.14  | 0.00000 |        |         |        |
|        | 49.50   | 7.07   | 0.00000 | 42.43  |
| 0.00   | 0.00000 |        |         |        |
|        | 38.89   | -3.54  | 0.00000 | 35.36  |
| -7.07  | 0.00000 |        |         |        |
|        | 33.23   | -9.19  | 0.00000 | 31.82  |
| -10.61 | 0.00000 |        |         |        |
|        | 30.41   | -12.02 | 0.00000 | 28.99  |
| -13.44 | 0.00000 |        |         |        |
|        | 27.58   | -14.85 | 0.00000 | 14.85  |
| -27.58 | 0.00000 |        |         |        |
|        | 13.44   | -28.99 | 0.00000 | 12.02  |
| -30.41 | 0.00000 |        |         |        |
|        | 10.61   | -31.82 | 0.00000 | 9.19   |
| -33.23 | 0.00000 |        |         |        |
|        | 7.07    | -35.36 | 0.00000 | 3.54   |
| -38.89 | 0.00000 |        |         |        |
|        | 0.00    | -42.43 | 0.00000 | -7.07  |
| -49.50 | 0.00000 |        |         |        |
|        | -14.14  | -56.57 | 0.00000 | -21.21 |
| -63.64 | 0.00000 |        |         |        |
|        | -28.28  | -70.71 | 0.00000 | -35.36 |
| -77.78 | 0.00000 |        |         |        |
|        | -42.43  | -84.85 | 0.00000 | -49.50 |
| -91.92 | 0.00000 |        |         |        |
|        | 98.99   | 42.43  | 0.00000 | 91.92  |
| 35.36  | 0.00000 |        |         |        |
|        | 84.85   | 28.28  | 0.00000 | 77.78  |
| 21.21  | 0.00000 |        |         |        |
|        | 70.71   | 14.14  | 0.00000 | 63.64  |
| 7.07   | 0.00000 |        |         |        |
|        | 56.57   | 0.00   | 0.00000 | 49.50  |
| -7.07  | 0.00000 |        |         |        |
|        | 45.96   | -10.61 | 0.00000 | 42.43  |
| -14.14 | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
\*\*MODELOPTs: 15:11:25

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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 ,  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | **          |         | ** CONC OF OTHER | IN MICROGRAMS/M**3 |
|-------------|-------------|-------------|---------|------------------|--------------------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    |                  | X-COORD (M)        |
| -17.68      | 40.31       | -16.26      | 0.00000 |                  | 38.89              |
| -20.51      | 37.48       | -19.09      | 0.00000 |                  | 36.06              |
| -34.65      | 34.65       | -21.92      | 0.00000 |                  | 21.92              |
| -37.48      | 20.51       | -36.06      | 0.00000 |                  | 19.09              |
| -40.31      | 17.68       | -38.89      | 0.00000 |                  | 16.26              |
| -45.96      | 14.14       | -42.43      | 0.00000 |                  | 10.61              |
| -56.57      | 7.07        | -49.50      | 0.00000 |                  | 0.00               |
| -70.71      | -7.07       | -63.64      | 0.00000 |                  | -14.14             |
| -84.85      | -21.21      | -77.78      | 0.00000 |                  | -28.28             |
| -98.99      | -35.36      | -91.92      | 0.00000 |                  | -42.43             |
| 28.28       | 106.07      | 35.36       | 0.00000 |                  | 98.99              |
| 14.14       | 91.92       | 21.21       | 0.00000 |                  | 84.85              |
| 0.00        | 77.78       | 7.07        | 0.00000 |                  | 70.71              |
| -14.14      | 63.64       | -7.07       | 0.00000 |                  | 56.57              |
| -21.21      | 53.03       | -17.68      | 0.00000 |                  | 49.50              |
| -24.75      | 47.38       | -23.33      | 0.00000 |                  | 45.96              |
| -27.58      | 44.55       | -26.16      | 0.00000 |                  | 43.13              |
| -41.72      | 41.72       | -28.99      | 0.00000 |                  | 28.99              |
| -44.55      | 27.58       | -43.13      | 0.00000 |                  | 26.16              |
| -47.38      | 24.75       | -45.96      | 0.00000 |                  | 23.33              |
| -53.03      | 21.21       | -49.50      | 0.00000 |                  | 17.68              |
| -63.64      | 14.14       | -56.57      | 0.00000 |                  | 7.07               |
| -77.78      | 0.00        | -70.71      | 0.00000 |                  | -7.07              |
| -91.92      | -14.14      | -84.85      | 0.00000 |                  | -21.21             |
| -106.07     | -28.28      | -98.99      | 0.00000 |                  | -35.36             |
| 21.21       | 113.14      | 28.28       | 0.00000 |                  | 106.07             |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |        |         |         |        |
|---------|--------|---------|---------|--------|
| 7.07    | 98.99  | 14.14   | 0.00000 | 91.92  |
| -7.07   | 84.85  | 0.00    | 0.00000 | 77.78  |
| -21.21  | 70.71  | -14.14  | 0.00000 | 63.64  |
| -28.28  | 60.10  | -24.75  | 0.00000 | 56.57  |
| -31.82  | 54.45  | -30.41  | 0.00000 | 53.03  |
| -34.65  | 51.62  | -33.23  | 0.00000 | 50.20  |
| -48.79  | 48.79  | -36.06  | 0.00000 | 36.06  |
| -51.62  | 34.65  | -50.20  | 0.00000 | 33.23  |
| -54.45  | 31.82  | -53.03  | 0.00000 | 30.41  |
| -60.10  | 28.28  | -56.57  | 0.00000 | 24.75  |
| -70.71  | 21.21  | -63.64  | 0.00000 | 14.14  |
| -84.85  | 7.07   | -77.78  | 0.00000 | 0.00   |
| -98.99  | -7.07  | -91.92  | 0.00000 | -14.14 |
| -113.14 | -21.21 | -106.07 | 0.00000 | -28.28 |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 14.14       | 120.21      | 21.21       | 0.00000 | 113.14      |
| 0.00        | 106.07      | 7.07        | 0.00000 | 98.99       |
| -14.14      | 91.92       | -7.07       | 0.00000 | 84.85       |
| -28.28      | 77.78       | -21.21      | 0.00000 | 70.71       |
| -35.36      | 67.18       | -31.82      | 0.00000 | 63.64       |
| -38.89      | 61.52       | -37.48      | 0.00000 | 60.10       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -41.72  | 58.69   | -40.31  | 0.00000 | 57.28  |
|         | 0.00000 |         |         |        |
| -55.86  | 55.86   | -43.13  | 0.00000 | 43.13  |
|         | 0.00000 |         |         |        |
| -58.69  | 41.72   | -57.28  | 0.00000 | 40.31  |
|         | 0.00000 |         |         |        |
| -61.52  | 38.89   | -60.10  | 0.00000 | 37.48  |
|         | 0.00000 |         |         |        |
| -67.18  | 35.36   | -63.64  | 0.00000 | 31.82  |
|         | 0.00000 |         |         |        |
| -77.78  | 28.28   | -70.71  | 0.00000 | 21.21  |
|         | 0.00000 |         |         |        |
| -91.92  | 14.14   | -84.85  | 0.00000 | 7.07   |
|         | 0.00000 |         |         |        |
| -106.07 | 0.00    | -98.99  | 0.00000 | -7.07  |
|         | 0.00000 |         |         |        |
| -120.21 | -14.14  | -113.14 | 0.00000 | -21.21 |
|         | 0.00000 |         |         |        |
| 7.07    | 127.28  | 14.14   | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -7.07   | 113.14  | 0.00    | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -21.21  | 98.99   | -14.14  | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -35.36  | 84.85   | -28.28  | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -42.43  | 74.25   | -38.89  | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -45.96  | 68.59   | -44.55  | 0.00000 | 67.18  |
|         | 0.00000 |         |         |        |
| -48.79  | 65.76   | -47.38  | 0.00000 | 64.35  |
|         | 0.00000 |         |         |        |
| -62.93  | 62.93   | -50.20  | 0.00000 | 50.20  |
|         | 0.00000 |         |         |        |
| -65.76  | 48.79   | -64.35  | 0.00000 | 47.38  |
|         | 0.00000 |         |         |        |
| -68.59  | 45.96   | -67.18  | 0.00000 | 44.55  |
|         | 0.00000 |         |         |        |
| -74.25  | 42.43   | -70.71  | 0.00000 | 38.89  |
|         | 0.00000 |         |         |        |
| -84.85  | 35.36   | -77.78  | 0.00000 | 28.28  |
|         | 0.00000 |         |         |        |
| -98.99  | 21.21   | -91.92  | 0.00000 | 14.14  |
|         | 0.00000 |         |         |        |
| -113.14 | 7.07    | -106.07 | 0.00000 | 0.00   |
|         | 0.00000 |         |         |        |
| -127.28 | -7.07   | -120.21 | 0.00000 | -14.14 |
|         | 0.00000 |         |         |        |
| 0.00    | 134.35  | 7.07    | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -14.14  | 120.21  | -7.07   | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -28.28  | 106.07  | -21.21  | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -42.43  | 91.92   | -35.36  | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |
| -49.50  | 81.32   | -45.96  | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -53.03  | 75.66   | -51.62  | 0.00000 | 74.25  |
|         | 0.00000 |         |         |        |
| -55.86  | 72.83   | -54.45  | 0.00000 | 71.42  |
|         | 0.00000 |         |         |        |
|         | 70.00   | -57.28  | 0.00000 | 57.28  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 -70.00 0.00000  
 55.86 -71.42 0.00000 54.45  
 -72.83 0.00000  
 53.03 -74.25 0.00000 51.62  
 -75.66 0.00000  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 36  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -81.32      | 49.50       | -77.78      | 0.00000 | 45.96       |
| -91.92      | 42.43       | -84.85      | 0.00000 | 35.36       |
| -106.07     | 28.28       | -98.99      | 0.00000 | 21.21       |
| -120.21     | 14.14       | -113.14     | 0.00000 | 7.07        |
| -134.35     | 0.00        | -127.28     | 0.00000 | -7.07       |
| -7.07       | 141.42      | 0.00        | 0.00000 | 134.35      |
| -21.21      | 127.28      | -14.14      | 0.00000 | 120.21      |
| -35.36      | 113.14      | -28.28      | 0.00000 | 106.07      |
| -49.50      | 98.99       | -42.43      | 0.00001 | 91.92       |
| -56.57      | 88.39       | -53.03      | 0.00001 | 84.85       |
| -60.10      | 82.73       | -58.69      | 0.00001 | 81.32       |
| -62.93      | 79.90       | -61.52      | 0.00001 | 78.49       |
| -77.07      | 77.07       | -64.35      | 0.00001 | 64.35       |
| -79.90      | 62.93       | -78.49      | 0.00000 | 61.52       |
| -82.73      | 60.10       | -81.32      | 0.00000 | 58.69       |
| -88.39      | 56.57       | -84.85      | 0.00000 | 53.03       |
| -98.99      | 49.50       | -91.92      | 0.00000 | 42.43       |
|             | 35.36       | -106.07     | 0.00000 | 28.28       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -113.14 | 0.00000 |         |         |        |
|         | 21.21   | -120.21 | 0.00000 | 14.14  |
| -127.28 | 0.00000 |         |         |        |
|         | 7.07    | -134.35 | 0.00000 | 0.00   |
| -141.42 | 0.00000 |         |         |        |
|         | 148.49  | -7.07   | 0.00000 | 141.42 |
| -14.14  | 0.00000 |         |         |        |
|         | 134.35  | -21.21  | 0.00000 | 127.28 |
| -28.28  | 0.00000 |         |         |        |
|         | 120.21  | -35.36  | 0.00000 | 113.14 |
| -42.43  | 0.00001 |         |         |        |
|         | 106.07  | -49.50  | 0.00001 | 98.99  |
| -56.57  | 0.00001 |         |         |        |
|         | 95.46   | -60.10  | 0.00001 | 91.92  |
| -63.64  | 0.00001 |         |         |        |
|         | 89.80   | -65.76  | 0.00001 | 88.39  |
| -67.18  | 0.00001 |         |         |        |
|         | 86.97   | -68.59  | 0.00001 | 85.56  |
| -70.00  | 0.00001 |         |         |        |
|         | 84.15   | -71.42  | 0.00001 | 71.42  |
| -84.15  | 0.00000 |         |         |        |
|         | 70.00   | -85.56  | 0.00000 | 68.59  |
| -86.97  | 0.00000 |         |         |        |
|         | 67.18   | -88.39  | 0.00000 | 65.76  |
| -89.80  | 0.00000 |         |         |        |
|         | 63.64   | -91.92  | 0.00000 | 60.10  |
| -95.46  | 0.00000 |         |         |        |
|         | 56.57   | -98.99  | 0.00000 | 49.50  |
| -106.07 | 0.00000 |         |         |        |
|         | 42.43   | -113.14 | 0.00000 | 35.36  |
| -120.21 | 0.00000 |         |         |        |
|         | 28.28   | -127.28 | 0.00000 | 21.21  |
| -134.35 | 0.00000 |         |         |        |
|         | 14.14   | -141.42 | 0.00000 | 7.07   |
| -148.49 | 0.00000 |         |         |        |
|         | 155.56  | -14.14  | 0.00000 | 148.49 |
| -21.21  | 0.00000 |         |         |        |
|         | 141.42  | -28.28  | 0.00000 | 134.35 |
| -35.36  | 0.00000 |         |         |        |
|         | 127.28  | -42.43  | 0.00000 | 120.21 |
| -49.50  | 0.00001 |         |         |        |
|         | 113.14  | -56.57  | 0.00001 | 106.07 |
| -63.64  | 0.00001 |         |         |        |
|         | 102.53  | -67.18  | 0.00001 | 98.99  |
| -70.71  | 0.00001 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 15:11:25

CONC PAGE 37  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -74.25      | 96.87       | -72.83      | 0.00001 | 95.46       |
| -77.07      | 94.05       | -75.66      | 0.00001 | 92.63       |
| -91.22      | 91.22       | -78.49      | 0.00001 | 78.49       |
| -94.05      | 77.07       | -92.63      | 0.00000 | 75.66       |
| -96.87      | 74.25       | -95.46      | 0.00000 | 72.83       |
| -102.53     | 70.71       | -98.99      | 0.00000 | 67.18       |
| -113.14     | 63.64       | -106.07     | 0.00000 | 56.57       |
| -127.28     | 49.50       | -120.21     | 0.00000 | 42.43       |
| -141.42     | 35.36       | -134.35     | 0.00000 | 28.28       |
| -155.56     | 21.21       | -148.49     | 0.00000 | 14.14       |
| -28.28      | 162.63      | -21.21      | 0.00000 | 155.56      |
| -42.43      | 148.49      | -35.36      | 0.00000 | 141.42      |
| -56.57      | 134.35      | -49.50      | 0.00000 | 127.28      |
| -70.71      | 120.21      | -63.64      | 0.00001 | 113.14      |
| -77.78      | 109.60      | -74.25      | 0.00001 | 106.07      |
| -81.32      | 103.94      | -79.90      | 0.00001 | 102.53      |
| -84.15      | 101.12      | -82.73      | 0.00001 | 99.70       |
| -98.29      | 98.29       | -85.56      | 0.00001 | 85.56       |
| -101.12     | 84.15       | -99.70      | 0.00000 | 82.73       |
| -103.94     | 81.32       | -102.53     | 0.00000 | 79.90       |
| -109.60     | 77.78       | -106.07     | 0.00000 | 74.25       |
| -120.21     | 70.71       | -113.14     | 0.00000 | 63.64       |
| -134.35     | 56.57       | -127.28     | 0.00000 | 49.50       |
| -148.49     | 42.43       | -141.42     | 0.00000 | 35.36       |
| -162.63     | 28.28       | -155.56     | 0.00000 | 21.21       |
| -35.36      | 169.71      | -28.28      | 0.00000 | 162.63      |
| -49.50      | 155.56      | -42.43      | 0.00000 | 148.49      |
| -63.64      | 141.42      | -56.57      | 0.00001 | 134.35      |
| -77.78      | 127.28      | -70.71      | 0.00001 | 120.21      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |        |         |         |        |
|---------|--------|---------|---------|--------|
| -84.85  | 116.67 | -81.32  | 0.00001 | 113.14 |
| -88.39  | 111.02 | -86.97  | 0.00001 | 109.60 |
| -91.22  | 108.19 | -89.80  | 0.00001 | 106.77 |
| -105.36 | 105.36 | -92.63  | 0.00002 | 92.63  |
| -108.19 | 91.22  | -106.77 | 0.00000 | 89.80  |
| -111.02 | 88.39  | -109.60 | 0.00000 | 86.97  |
| -116.67 | 84.85  | -113.14 | 0.00000 | 81.32  |
| -127.28 | 77.78  | -120.21 | 0.00000 | 70.71  |
| -141.42 | 63.64  | -134.35 | 0.00000 | 56.57  |
| -155.56 | 49.50  | -148.49 | 0.00000 | 42.43  |
| -169.71 | 35.36  | -162.63 | 0.00000 | 28.28  |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

PAGE 38  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -42.43      | 176.78      | -35.36      | 0.00000 | 169.71      |
| -56.57      | 162.63      | -49.50      | 0.00000 | 155.56      |
| -70.71      | 148.49      | -63.64      | 0.00001 | 141.42      |
| -84.85      | 134.35      | -77.78      | 0.00001 | 127.28      |
| -91.92      | 123.74      | -88.39      | 0.00001 | 120.21      |
| -95.46      | 118.09      | -94.05      | 0.00001 | 116.67      |
| -98.29      | 115.26      | -96.87      | 0.00002 | 113.84      |
| -112.43     | 112.43      | -99.70      | 0.00002 | 99.70       |
| -115.26     | 98.29       | -113.84     | 0.00000 | 96.87       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -118.09 | 95.46   | -116.67 | 0.00000 | 94.05  |
|         | 0.00000 |         |         |        |
| -123.74 | 91.92   | -120.21 | 0.00000 | 88.39  |
|         | 0.00000 |         |         |        |
| -134.35 | 84.85   | -127.28 | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -148.49 | 70.71   | -141.42 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -162.63 | 56.57   | -155.56 | 0.00000 | 49.50  |
|         | 0.00000 |         |         |        |
| -176.78 | 42.43   | -169.71 | 0.00000 | 35.36  |
|         | 0.00000 |         |         |        |
| -49.50  | 183.85  | -42.43  | 0.00000 | 176.78 |
|         | 0.00000 |         |         |        |
| -63.64  | 169.71  | -56.57  | 0.00000 | 162.63 |
|         | 0.00000 |         |         |        |
| -77.78  | 155.56  | -70.71  | 0.00001 | 148.49 |
|         | 0.00001 |         |         |        |
| -91.92  | 141.42  | -84.85  | 0.00001 | 134.35 |
|         | 0.00001 |         |         |        |
| -98.99  | 130.81  | -95.46  | 0.00001 | 127.28 |
|         | 0.00001 |         |         |        |
| -102.53 | 125.16  | -101.12 | 0.00001 | 123.74 |
|         | 0.00002 |         |         |        |
| -105.36 | 122.33  | -103.94 | 0.00002 | 120.92 |
|         | 0.00002 |         |         |        |
| -119.50 | 119.50  | -106.77 | 0.00002 | 106.77 |
|         | 0.00000 |         |         |        |
| -122.33 | 105.36  | -120.92 | 0.00000 | 103.94 |
|         | 0.00000 |         |         |        |
| -125.16 | 102.53  | -123.74 | 0.00000 | 101.12 |
|         | 0.00000 |         |         |        |
| -130.81 | 98.99   | -127.28 | 0.00000 | 95.46  |
|         | 0.00000 |         |         |        |
| -141.42 | 91.92   | -134.35 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |
| -155.56 | 77.78   | -148.49 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -169.71 | 63.64   | -162.63 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -183.85 | 49.50   | -176.78 | 0.00000 | 42.43  |
|         | 0.00000 |         |         |        |
| -56.57  | 190.92  | -49.50  | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -70.71  | 176.78  | -63.64  | 0.00000 | 169.71 |
|         | 0.00000 |         |         |        |
| -84.85  | 162.63  | -77.78  | 0.00000 | 155.56 |
|         | 0.00001 |         |         |        |
| -98.99  | 148.49  | -91.92  | 0.00001 | 141.42 |
|         | 0.00001 |         |         |        |
| -106.07 | 137.89  | -102.53 | 0.00001 | 134.35 |
|         | 0.00001 |         |         |        |
| -109.60 | 132.23  | -108.19 | 0.00001 | 130.81 |
|         | 0.00002 |         |         |        |
| -112.43 | 129.40  | -111.02 | 0.00002 | 127.99 |
|         | 0.00002 |         |         |        |
| -126.57 | 126.57  | -113.84 | 0.00002 | 113.84 |
|         | 0.00001 |         |         |        |
| -129.40 | 112.43  | -127.99 | 0.00000 | 111.02 |
|         | 0.00000 |         |         |        |
| -132.23 | 109.60  | -130.81 | 0.00000 | 108.19 |
|         | 0.00000 |         |         |        |

\*\*\*

06/13/08

\*\*\*

Maximum train overlap at SE/NW Bound

Direction

\*\*\*

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\*\*MODELOPTS:

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S1

\*\*\*

THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION

\*\*\*

INCLUDING SOURCE(S): NCRA\_S1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -137.89     | 106.07      | -134.35     | 0.00000 | 102.53      |
|             | 0.00000     |             |         |             |
| -148.49     | 98.99       | -141.42     | 0.00000 | 91.92       |
|             | 0.00000     |             |         |             |
| -162.63     | 84.85       | -155.56     | 0.00000 | 77.78       |
|             | 0.00000     |             |         |             |
| -176.78     | 70.71       | -169.71     | 0.00000 | 63.64       |
|             | 0.00000     |             |         |             |
| -190.92     | 56.57       | -183.85     | 0.00000 | 49.50       |
|             | 0.00000     |             |         |             |
| -63.64      | 197.99      | -56.57      | 0.00000 | 190.92      |
|             | 0.00000     |             |         |             |
| -77.78      | 183.85      | -70.71      | 0.00000 | 176.78      |
|             | 0.00000     |             |         |             |
| -91.92      | 169.71      | -84.85      | 0.00000 | 162.63      |
|             | 0.00001     |             |         |             |
| -106.07     | 155.56      | -98.99      | 0.00001 | 148.49      |
|             | 0.00001     |             |         |             |
| -113.14     | 144.96      | -109.60     | 0.00001 | 141.42      |
|             | 0.00001     |             |         |             |
| -116.67     | 139.30      | -115.26     | 0.00001 | 137.89      |
|             | 0.00001     |             |         |             |
| -119.50     | 136.47      | -118.09     | 0.00002 | 135.06      |
|             | 0.00002     |             |         |             |
| -133.64     | 133.64      | -120.92     | 0.00002 | 120.92      |
|             | 0.00001     |             |         |             |
| -136.47     | 119.50      | -135.06     | 0.00001 | 118.09      |
|             | 0.00000     |             |         |             |
| -139.30     | 116.67      | -137.89     | 0.00000 | 115.26      |
|             | 0.00000     |             |         |             |
| -144.96     | 113.14      | -141.42     | 0.00000 | 109.60      |
|             | 0.00000     |             |         |             |
| -155.56     | 106.07      | -148.49     | 0.00000 | 98.99       |
|             | 0.00000     |             |         |             |
| -169.71     | 91.92       | -162.63     | 0.00000 | 84.85       |
|             | 0.00000     |             |         |             |
| -183.85     | 77.78       | -176.78     | 0.00000 | 70.71       |
|             | 0.00000     |             |         |             |
| -197.99     | 63.64       | -190.92     | 0.00000 | 56.57       |
|             | 0.00000     |             |         |             |
|             | 205.06      | -63.64      | 0.00000 | 197.99      |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -70.71  | 0.00000 |         |         |        |
|         | 190.92  | -77.78  | 0.00000 | 183.85 |
| -84.85  | 0.00000 |         |         |        |
|         | 176.78  | -91.92  | 0.00000 | 169.71 |
| -98.99  | 0.00001 |         |         |        |
|         | 162.63  | -106.07 | 0.00001 | 155.56 |
| -113.14 | 0.00001 |         |         |        |
|         | 152.03  | -116.67 | 0.00001 | 148.49 |
| -120.21 | 0.00001 |         |         |        |
|         | 146.37  | -122.33 | 0.00001 | 144.96 |
| -123.74 | 0.00001 |         |         |        |
|         | 143.54  | -125.16 | 0.00001 | 142.13 |
| -126.57 | 0.00002 |         |         |        |
|         | 140.71  | -127.99 | 0.00002 | 127.99 |
| -140.71 | 0.00001 |         |         |        |
|         | 126.57  | -142.13 | 0.00001 | 125.16 |
| -143.54 | 0.00000 |         |         |        |
|         | 123.74  | -144.96 | 0.00000 | 122.33 |
| -146.37 | 0.00000 |         |         |        |
|         | 120.21  | -148.49 | 0.00000 | 116.67 |
| -152.03 | 0.00000 |         |         |        |
|         | 113.14  | -155.56 | 0.00000 | 106.07 |
| -162.63 | 0.00000 |         |         |        |
|         | 98.99   | -169.71 | 0.00000 | 91.92  |
| -176.78 | 0.00000 |         |         |        |
|         | 84.85   | -183.85 | 0.00000 | 77.78  |
| -190.92 | 0.00000 |         |         |        |
|         | 70.71   | -197.99 | 0.00000 | 63.64  |
| -205.06 | 0.00000 |         |         |        |
|         | 212.13  | -70.71  | 0.00000 | 205.06 |
| -77.78  | 0.00000 |         |         |        |
|         | 197.99  | -84.85  | 0.00000 | 190.92 |
| -91.92  | 0.00000 |         |         |        |
|         | 183.85  | -98.99  | 0.00000 | 176.78 |
| -106.07 | 0.00000 |         |         |        |
|         | 169.71  | -113.14 | 0.00001 | 162.63 |
| -120.21 | 0.00001 |         |         |        |
|         | 159.10  | -123.74 | 0.00001 | 155.56 |
| -127.28 | 0.00001 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative Annual Acrolein Impacts

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 15:11:25

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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) |
|-------------|-------------|---------|-------------|
| 153.44      | -129.40     | 0.00001 | 152.03      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -130.81 | 0.00001 |         |         |        |
|         | 150.61  | -132.23 | 0.00001 | 149.20 |
| -133.64 | 0.00001 |         |         |        |
|         | 147.79  | -135.06 | 0.00002 | 135.06 |
| -147.79 | 0.00001 |         |         |        |
|         | 133.64  | -149.20 | 0.00001 | 132.23 |
| -150.61 | 0.00000 |         |         |        |
|         | 130.81  | -152.03 | 0.00000 | 129.40 |
| -153.44 | 0.00000 |         |         |        |
|         | 127.28  | -155.56 | 0.00000 | 123.74 |
| -159.10 | 0.00000 |         |         |        |
|         | 120.21  | -162.63 | 0.00000 | 113.14 |
| -169.71 | 0.00000 |         |         |        |
|         | 106.07  | -176.78 | 0.00000 | 98.99  |
| -183.85 | 0.00000 |         |         |        |
|         | 91.92   | -190.92 | 0.00000 | 84.85  |
| -197.99 | 0.00000 |         |         |        |
|         | 77.78   | -205.06 | 0.00000 | 70.71  |
| -212.13 | 0.00000 |         |         |        |
|         | 219.20  | -77.78  | 0.00000 | 212.13 |
| -84.85  | 0.00000 |         |         |        |
|         | 205.06  | -91.92  | 0.00000 | 197.99 |
| -98.99  | 0.00000 |         |         |        |
|         | 190.92  | -106.07 | 0.00000 | 183.85 |
| -113.14 | 0.00000 |         |         |        |
|         | 176.78  | -120.21 | 0.00001 | 169.71 |
| -127.28 | 0.00001 |         |         |        |
|         | 166.17  | -130.81 | 0.00001 | 162.63 |
| -134.35 | 0.00001 |         |         |        |
|         | 160.51  | -136.47 | 0.00001 | 159.10 |
| -137.89 | 0.00001 |         |         |        |
|         | 157.68  | -139.30 | 0.00001 | 156.27 |
| -140.71 | 0.00001 |         |         |        |
|         | 154.86  | -142.13 | 0.00001 | 142.13 |
| -154.86 | 0.00001 |         |         |        |
|         | 140.71  | -156.27 | 0.00001 | 139.30 |
| -157.68 | 0.00001 |         |         |        |
|         | 137.89  | -159.10 | 0.00000 | 136.47 |
| -160.51 | 0.00000 |         |         |        |
|         | 134.35  | -162.63 | 0.00000 | 130.81 |
| -166.17 | 0.00000 |         |         |        |
|         | 127.28  | -169.71 | 0.00000 | 120.21 |
| -176.78 | 0.00000 |         |         |        |
|         | 113.14  | -183.85 | 0.00000 | 106.07 |
| -190.92 | 0.00000 |         |         |        |
|         | 98.99   | -197.99 | 0.00000 | 91.92  |
| -205.06 | 0.00000 |         |         |        |
|         | 84.85   | -212.13 | 0.00000 | 77.78  |
| -219.20 | 0.00000 |         |         |        |
|         | 226.27  | -84.85  | 0.00000 | 219.20 |
| -91.92  | 0.00000 |         |         |        |
|         | 212.13  | -98.99  | 0.00000 | 205.06 |
| -106.07 | 0.00000 |         |         |        |
|         | 197.99  | -113.14 | 0.00000 | 190.92 |
| -120.21 | 0.00000 |         |         |        |
|         | 183.85  | -127.28 | 0.00000 | 176.78 |
| -134.35 | 0.00001 |         |         |        |
|         | 173.24  | -137.89 | 0.00001 | 169.71 |
| -141.42 | 0.00001 |         |         |        |
|         | 167.58  | -143.54 | 0.00001 | 166.17 |
| -144.96 | 0.00001 |         |         |        |
|         | 164.76  | -146.37 | 0.00001 | 163.34 |
| -147.79 | 0.00001 |         |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -161.93 | 161.93  | -149.20 | 0.00001 | 149.20 |
|         | 0.00001 |         |         |        |
| -164.76 | 147.79  | -163.34 | 0.00001 | 146.37 |
|         | 0.00001 |         |         |        |
| -167.58 | 144.96  | -166.17 | 0.00000 | 143.54 |
|         | 0.00000 |         |         |        |
| -173.24 | 141.42  | -169.71 | 0.00000 | 137.89 |
|         | 0.00000 |         |         |        |
| -183.85 | 134.35  | -176.78 | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -197.99 | 120.21  | -190.92 | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -212.13 | 106.07  | -205.06 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -226.27 | 91.92   | -219.20 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 41  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -98.99      | 233.35      | -91.92      | 0.00000 | 226.27      |
|             | 0.00000     |             |         |             |
| -113.14     | 219.20      | -106.07     | 0.00000 | 212.13      |
|             | 0.00000     |             |         |             |
| -127.28     | 205.06      | -120.21     | 0.00000 | 197.99      |
|             | 0.00000     |             |         |             |
| -141.42     | 190.92      | -134.35     | 0.00000 | 183.85      |
|             | 0.00000     |             |         |             |
| -148.49     | 180.31      | -144.96     | 0.00001 | 176.78      |
|             | 0.00001     |             |         |             |
| -152.03     | 174.66      | -150.61     | 0.00001 | 173.24      |
|             | 0.00001     |             |         |             |
| -154.86     | 171.83      | -153.44     | 0.00001 | 170.41      |
|             | 0.00001     |             |         |             |
| -169.00     | 169.00      | -156.27     | 0.00001 | 156.27      |
|             | 0.00001     |             |         |             |
| -171.83     | 154.86      | -170.41     | 0.00001 | 153.44      |
|             | 0.00001     |             |         |             |
| -174.66     | 152.03      | -173.24     | 0.00000 | 150.61      |
|             | 0.00000     |             |         |             |
| -180.31     | 148.49      | -176.78     | 0.00000 | 144.96      |
|             | 0.00000     |             |         |             |
| -190.92     | 141.42      | -183.85     | 0.00000 | 134.35      |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -205.06 | 127.28  | -197.99 | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -219.20 | 113.14  | -212.13 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -233.35 | 98.99   | -226.27 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -106.07 | 240.42  | -98.99  | 0.00000 | 233.35 |
|         | 0.00000 |         |         |        |
| -120.21 | 226.27  | -113.14 | 0.00000 | 219.20 |
|         | 0.00000 |         |         |        |
| -134.35 | 212.13  | -127.28 | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -148.49 | 197.99  | -141.42 | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -155.56 | 187.38  | -152.03 | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -159.10 | 181.73  | -157.68 | 0.00000 | 180.31 |
|         | 0.00000 |         |         |        |
| -161.93 | 178.90  | -160.51 | 0.00001 | 177.48 |
|         | 0.00001 |         |         |        |
| -176.07 | 176.07  | -163.34 | 0.00001 | 163.34 |
|         | 0.00001 |         |         |        |
| -178.90 | 161.93  | -177.48 | 0.00000 | 160.51 |
|         | 0.00000 |         |         |        |
| -181.73 | 159.10  | -180.31 | 0.00000 | 157.68 |
|         | 0.00000 |         |         |        |
| -187.38 | 155.56  | -183.85 | 0.00000 | 152.03 |
|         | 0.00000 |         |         |        |
| -197.99 | 148.49  | -190.92 | 0.00000 | 141.42 |
|         | 0.00000 |         |         |        |
| -212.13 | 134.35  | -205.06 | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -226.27 | 120.21  | -219.20 | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -240.42 | 106.07  | -233.35 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -113.14 | 247.49  | -106.07 | 0.00000 | 240.42 |
|         | 0.00000 |         |         |        |
| -127.28 | 233.35  | -120.21 | 0.00000 | 226.27 |
|         | 0.00000 |         |         |        |
| -141.42 | 219.20  | -134.35 | 0.00000 | 212.13 |
|         | 0.00000 |         |         |        |
| -155.56 | 205.06  | -148.49 | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -162.63 | 194.45  | -159.10 | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -166.17 | 188.80  | -164.76 | 0.00000 | 187.38 |
|         | 0.00000 |         |         |        |
| -169.00 | 185.97  | -167.58 | 0.00000 | 184.55 |
|         | 0.00000 |         |         |        |
| -183.14 | 183.14  | -170.41 | 0.00000 | 170.41 |
|         | 0.00000 |         |         |        |
| -185.97 | 169.00  | -184.55 | 0.00000 | 167.58 |
|         | 0.00000 |         |         |        |
| -188.80 | 166.17  | -187.38 | 0.00000 | 164.76 |
|         | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Di recti on  
 \*\*MODELOPTs:

CONC

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

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

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -194.45     | 162.63      | -190.92     | 0.00000 | 159.10      |
| -205.06     | 155.56      | -197.99     | 0.00000 | 148.49      |
| -219.20     | 141.42      | -212.13     | 0.00000 | 134.35      |
| -233.35     | 127.28      | -226.27     | 0.00000 | 120.21      |
| -247.49     | 113.14      | -240.42     | 0.00000 | 106.07      |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Di recti on  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 240.42      | -106.07     | 247.49      | 0.00000 | -113.14     |
| 226.27      | -120.21     | 233.35      | 0.00000 | -127.28     |
| 212.13      | -134.35     | 219.20      | 0.00000 | -141.42     |
| 197.99      | -148.49     | 205.06      | 0.00000 | -155.56     |
| 190.92      | -159.10     | 194.45      | 0.00000 | -162.63     |
| 187.38      | -164.76     | 188.80      | 0.00000 | -166.17     |
| 184.55      | -167.58     | 185.97      | 0.00000 | -169.00     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 170.41 | -170.41 | 183.14 | 0.00000 | -183.14 |
|        | 0.00000 |        |         |         |
| 167.58 | -184.55 | 169.00 | 0.00000 | -185.97 |
|        | 0.00000 |        |         |         |
| 164.76 | -187.38 | 166.17 | 0.00000 | -188.80 |
|        | 0.00000 |        |         |         |
| 159.10 | -190.92 | 162.63 | 0.00000 | -194.45 |
|        | 0.00000 |        |         |         |
| 148.49 | -197.99 | 155.56 | 0.00000 | -205.06 |
|        | 0.00000 |        |         |         |
| 134.35 | -212.13 | 141.42 | 0.00000 | -219.20 |
|        | 0.00000 |        |         |         |
| 120.21 | -226.27 | 127.28 | 0.00000 | -233.35 |
|        | 0.00000 |        |         |         |
| 106.07 | -240.42 | 113.14 | 0.00000 | -247.49 |
|        | 0.00000 |        |         |         |
| 233.35 | -98.99  | 240.42 | 0.00000 | -106.07 |
|        | 0.00000 |        |         |         |
| 219.20 | -113.14 | 226.27 | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 205.06 | -127.28 | 212.13 | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 190.92 | -141.42 | 197.99 | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 183.85 | -152.03 | 187.38 | 0.00000 | -155.56 |
|        | 0.00000 |        |         |         |
| 180.31 | -157.68 | 181.73 | 0.00000 | -159.10 |
|        | 0.00000 |        |         |         |
| 177.48 | -160.51 | 178.90 | 0.00000 | -161.93 |
|        | 0.00000 |        |         |         |
| 163.34 | -163.34 | 176.07 | 0.00000 | -176.07 |
|        | 0.00000 |        |         |         |
| 160.51 | -177.48 | 161.93 | 0.00000 | -178.90 |
|        | 0.00000 |        |         |         |
| 157.68 | -180.31 | 159.10 | 0.00000 | -181.73 |
|        | 0.00000 |        |         |         |
| 152.03 | -183.85 | 155.56 | 0.00000 | -187.38 |
|        | 0.00000 |        |         |         |
| 141.42 | -190.92 | 148.49 | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |
| 127.28 | -205.06 | 134.35 | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 113.14 | -219.20 | 120.21 | 0.00000 | -226.27 |
|        | 0.00000 |        |         |         |
| 98.99  | -233.35 | 106.07 | 0.00000 | -240.42 |
|        | 0.00000 |        |         |         |
| 226.27 | -91.92  | 233.35 | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 212.13 | -106.07 | 219.20 | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 197.99 | -120.21 | 205.06 | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 183.85 | -134.35 | 190.92 | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |
| 176.78 | -144.96 | 180.31 | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 173.24 | -150.61 | 174.66 | 0.00000 | -152.03 |
|        | 0.00000 |        |         |         |
| 170.41 | -153.44 | 171.83 | 0.00000 | -154.86 |
|        | 0.00000 |        |         |         |
| 156.27 | -156.27 | 169.00 | 0.00000 | -169.00 |
|        | 0.00000 |        |         |         |
|        | -170.41 | 154.86 | 0.00000 | -171.83 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

153.44 0.00000  
 -173.24 152.03 0.00000 -174.66

150.61 0.00000  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 144.96      | -176.78     | 148.49      | 0.00000 | -180.31     |
|             | 0.00000     |             |         |             |
| 134.35      | -183.85     | 141.42      | 0.00000 | -190.92     |
|             | 0.00000     |             |         |             |
| 120.21      | -197.99     | 127.28      | 0.00000 | -205.06     |
|             | 0.00000     |             |         |             |
| 106.07      | -212.13     | 113.14      | 0.00000 | -219.20     |
|             | 0.00000     |             |         |             |
| 91.92       | -226.27     | 99.00       | 0.00000 | -233.35     |
|             | 0.00000     |             |         |             |
| 219.20      | -84.85      | 226.27      | 0.00000 | -91.92      |
|             | 0.00000     |             |         |             |
| 205.06      | -98.99      | 212.13      | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| 190.92      | -113.14     | 197.99      | 0.00000 | -120.21     |
|             | 0.00000     |             |         |             |
| 176.78      | -127.28     | 183.85      | 0.00000 | -134.35     |
|             | 0.00000     |             |         |             |
| 169.71      | -137.89     | 173.24      | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 166.17      | -143.54     | 167.58      | 0.00000 | -144.96     |
|             | 0.00000     |             |         |             |
| 163.34      | -146.37     | 164.76      | 0.00000 | -147.79     |
|             | 0.00000     |             |         |             |
| 149.20      | -149.20     | 161.93      | 0.00000 | -161.93     |
|             | 0.00000     |             |         |             |
| 146.37      | -163.34     | 147.79      | 0.00000 | -164.76     |
|             | 0.00000     |             |         |             |
| 143.54      | -166.17     | 144.96      | 0.00000 | -167.58     |
|             | 0.00000     |             |         |             |
| 137.89      | -169.71     | 141.42      | 0.00000 | -173.24     |
|             | 0.00000     |             |         |             |
| 127.28      | -176.78     | 134.35      | 0.00000 | -183.85     |
|             | 0.00000     |             |         |             |
| 113.14      | -190.92     | 120.21      | 0.00000 | -197.99     |
|             | 0.00000     |             |         |             |
|             | -205.06     | 106.07      | 0.00000 | -212.13     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 99.00  | 0.00000 |        |         |         |
|        | -219.20 | 91.92  | 0.00000 | -226.27 |
| 84.85  | 0.00000 |        |         |         |
|        | -77.78  | 219.20 | 0.00000 | -84.85  |
| 212.13 | 0.00000 |        |         |         |
|        | -91.92  | 205.06 | 0.00000 | -98.99  |
| 197.99 | 0.00000 |        |         |         |
|        | -106.07 | 190.92 | 0.00000 | -113.14 |
| 183.85 | 0.00000 |        |         |         |
|        | -120.21 | 176.78 | 0.00000 | -127.28 |
| 169.71 | 0.00000 |        |         |         |
|        | -130.81 | 166.17 | 0.00000 | -134.35 |
| 162.63 | 0.00000 |        |         |         |
|        | -136.47 | 160.51 | 0.00000 | -137.89 |
| 159.10 | 0.00000 |        |         |         |
|        | -139.30 | 157.68 | 0.00000 | -140.71 |
| 156.27 | 0.00000 |        |         |         |
|        | -142.13 | 154.86 | 0.00000 | -154.86 |
| 142.13 | 0.00000 |        |         |         |
|        | -156.27 | 140.71 | 0.00000 | -157.68 |
| 139.30 | 0.00000 |        |         |         |
|        | -159.10 | 137.89 | 0.00000 | -160.51 |
| 136.47 | 0.00000 |        |         |         |
|        | -162.63 | 134.35 | 0.00000 | -166.17 |
| 130.81 | 0.00000 |        |         |         |
|        | -169.71 | 127.28 | 0.00000 | -176.78 |
| 120.21 | 0.00000 |        |         |         |
|        | -183.85 | 113.14 | 0.00000 | -190.92 |
| 106.07 | 0.00000 |        |         |         |
|        | -197.99 | 99.00  | 0.00000 | -205.06 |
| 91.92  | 0.00000 |        |         |         |
|        | -212.13 | 84.85  | 0.00000 | -219.20 |
| 77.78  | 0.00000 |        |         |         |
|        | -70.71  | 212.13 | 0.00000 | -77.78  |
| 205.06 | 0.00000 |        |         |         |
|        | -84.85  | 197.99 | 0.00000 | -91.92  |
| 190.92 | 0.00000 |        |         |         |
|        | -98.99  | 183.85 | 0.00000 | -106.07 |
| 176.78 | 0.00000 |        |         |         |
|        | -113.14 | 169.71 | 0.00000 | -120.21 |
| 162.63 | 0.00000 |        |         |         |
|        | -123.74 | 159.10 | 0.00000 | -127.28 |
| 155.56 | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
 CONC

Y-COORD (M)

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 152.03 | -129.40 | 153.44 | 0.00000 | -130.81 |
|        | 0.00000 |        |         |         |
| 149.20 | -132.23 | 150.61 | 0.00000 | -133.64 |
|        | 0.00000 |        |         |         |
| 135.06 | -135.06 | 147.79 | 0.00000 | -147.79 |
|        | 0.00000 |        |         |         |
| 132.23 | -149.20 | 133.64 | 0.00000 | -150.61 |
|        | 0.00000 |        |         |         |
| 129.40 | -152.03 | 130.81 | 0.00000 | -153.44 |
|        | 0.00000 |        |         |         |
| 123.74 | -155.56 | 127.28 | 0.00000 | -159.10 |
|        | 0.00000 |        |         |         |
| 113.14 | -162.63 | 120.21 | 0.00000 | -169.71 |
|        | 0.00000 |        |         |         |
| 98.99  | -176.78 | 106.07 | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 84.85  | -190.92 | 91.92  | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |
| 70.71  | -205.06 | 77.78  | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 197.99 | -63.64  | 205.06 | 0.00000 | -70.71  |
|        | 0.00000 |        |         |         |
| 183.85 | -77.78  | 190.92 | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 169.71 | -91.92  | 176.78 | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 155.56 | -106.07 | 162.63 | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 148.49 | -116.67 | 152.03 | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 144.96 | -122.33 | 146.37 | 0.00000 | -123.74 |
|        | 0.00000 |        |         |         |
| 142.13 | -125.16 | 143.54 | 0.00000 | -126.57 |
|        | 0.00000 |        |         |         |
| 127.99 | -127.99 | 140.71 | 0.00000 | -140.71 |
|        | 0.00000 |        |         |         |
| 125.16 | -142.13 | 126.57 | 0.00000 | -143.54 |
|        | 0.00000 |        |         |         |
| 122.33 | -144.96 | 123.74 | 0.00000 | -146.37 |
|        | 0.00000 |        |         |         |
| 116.67 | -148.49 | 120.21 | 0.00000 | -152.03 |
|        | 0.00000 |        |         |         |
| 106.07 | -155.56 | 113.14 | 0.00000 | -162.63 |
|        | 0.00000 |        |         |         |
| 91.92  | -169.71 | 98.99  | 0.00000 | -176.78 |
|        | 0.00000 |        |         |         |
| 77.78  | -183.85 | 84.85  | 0.00000 | -190.92 |
|        | 0.00000 |        |         |         |
| 63.64  | -197.99 | 70.71  | 0.00000 | -205.06 |
|        | 0.00000 |        |         |         |
| 190.92 | -56.57  | 197.99 | 0.00000 | -63.64  |
|        | 0.00000 |        |         |         |
| 176.78 | -70.71  | 183.85 | 0.00000 | -77.78  |
|        | 0.00000 |        |         |         |
| 162.63 | -84.85  | 169.71 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| 148.49 | -98.99  | 155.56 | 0.00000 | -106.07 |
|        | 0.00000 |        |         |         |
| 141.42 | -109.60 | 144.96 | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 137.89 | -115.26 | 139.30 | 0.00000 | -116.67 |
|        | 0.00000 |        |         |         |
| 135.06 | -118.09 | 136.47 | 0.00000 | -119.50 |
|        | 0.00000 |        |         |         |
| 120.92 | -120.92 | 133.64 | 0.00000 | -133.64 |
|        | 0.00000 |        |         |         |
| 118.09 | -135.06 | 119.50 | 0.00000 | -136.47 |
|        | 0.00000 |        |         |         |
| 115.26 | -137.89 | 116.67 | 0.00000 | -139.30 |
|        | 0.00000 |        |         |         |
| 109.60 | -141.42 | 113.14 | 0.00000 | -144.96 |
|        | 0.00000 |        |         |         |
| 98.99  | -148.49 | 106.07 | 0.00000 | -155.56 |
|        | 0.00000 |        |         |         |
| 84.85  | -162.63 | 91.92  | 0.00000 | -169.71 |
|        | 0.00000 |        |         |         |
| 70.71  | -176.78 | 77.78  | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 56.57  | -190.92 | 63.64  | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -           | -           | -           | -       | -           |
| 183.85      | -49.50      | 190.92      | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| 169.71      | -63.64      | 176.78      | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| 155.56      | -77.78      | 162.63      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| 141.42      | -91.92      | 148.49      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 134.35      | -102.53     | 137.89      | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| 130.81      | -108.19     | 132.23      | 0.00000 | -109.60     |
|             | 0.00000     |             |         |             |
| 127.99      | -111.02     | 129.40      | 0.00000 | -112.43     |
|             | 0.00000     |             |         |             |
| 113.84      | -113.84     | 126.57      | 0.00000 | -126.57     |
|             | 0.00000     |             |         |             |
| 111.02      | -127.99     | 112.43      | 0.00000 | -129.40     |
|             | 0.00000     |             |         |             |
| 108.19      | -130.81     | 109.60      | 0.00000 | -132.23     |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 102.53 | -134.35 | 106.07 | 0.00000 | -137.89 |
|        | 0.00000 |        |         |         |
| 91.92  | -141.42 | 98.99  | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 77.78  | -155.56 | 84.85  | 0.00000 | -162.63 |
|        | 0.00000 |        |         |         |
| 63.64  | -169.71 | 70.71  | 0.00000 | -176.78 |
|        | 0.00000 |        |         |         |
| 49.50  | -183.85 | 56.57  | 0.00000 | -190.92 |
|        | 0.00000 |        |         |         |
| 176.78 | -42.43  | 183.85 | 0.00000 | -49.50  |
|        | 0.00000 |        |         |         |
| 162.63 | -56.57  | 169.71 | 0.00000 | -63.64  |
|        | 0.00000 |        |         |         |
| 148.49 | -70.71  | 155.56 | 0.00000 | -77.78  |
|        | 0.00000 |        |         |         |
| 134.35 | -84.85  | 141.42 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| 127.28 | -95.46  | 130.81 | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 123.74 | -101.12 | 125.16 | 0.00000 | -102.53 |
|        | 0.00000 |        |         |         |
| 120.92 | -103.94 | 122.33 | 0.00000 | -105.36 |
|        | 0.00000 |        |         |         |
| 106.77 | -106.77 | 119.50 | 0.00000 | -119.50 |
|        | 0.00000 |        |         |         |
| 103.94 | -120.92 | 105.36 | 0.00000 | -122.33 |
|        | 0.00000 |        |         |         |
| 101.12 | -123.74 | 102.53 | 0.00000 | -125.16 |
|        | 0.00000 |        |         |         |
| 95.46  | -127.28 | 98.99  | 0.00000 | -130.81 |
|        | 0.00000 |        |         |         |
| 84.85  | -134.35 | 91.92  | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |
| 70.71  | -148.49 | 77.78  | 0.00000 | -155.56 |
|        | 0.00000 |        |         |         |
| 56.57  | -162.63 | 63.64  | 0.00000 | -169.71 |
|        | 0.00000 |        |         |         |
| 42.43  | -176.78 | 49.50  | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 169.71 | -35.36  | 176.78 | 0.00000 | -42.43  |
|        | 0.00000 |        |         |         |
| 155.56 | -49.50  | 162.63 | 0.00000 | -56.57  |
|        | 0.00000 |        |         |         |
| 141.42 | -63.64  | 148.49 | 0.00000 | -70.71  |
|        | 0.00000 |        |         |         |
| 127.28 | -77.78  | 134.35 | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 120.21 | -88.39  | 123.74 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| 116.67 | -94.05  | 118.09 | 0.00000 | -95.46  |
|        | 0.00000 |        |         |         |
| 113.84 | -96.87  | 115.26 | 0.00000 | -98.29  |
|        | 0.00000 |        |         |         |
| 99.70  | -99.70  | 112.43 | 0.00000 | -112.43 |
|        | 0.00000 |        |         |         |
| 96.87  | -113.84 | 98.29  | 0.00000 | -115.26 |
|        | 0.00000 |        |         |         |
| 94.05  | -116.67 | 95.46  | 0.00000 | -118.09 |
|        | 0.00000 |        |         |         |

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

\*\*\* NCRA Cumulative Annual Acrolein Impacts

06/13/08

\*\*\* Maximum train overlap at SE/NW Bound

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Di recti on  
\*\*MODELOPTs:

PAGE 47  
CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 88.39       | -120.21     | 91.92       | 0.00000 | -123.74     |
|             | 0.00000     |             |         |             |
| 77.78       | -127.28     | 84.85       | 0.00000 | -134.35     |
|             | 0.00000     |             |         |             |
| 63.64       | -141.42     | 70.71       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 49.50       | -155.56     | 56.57       | 0.00000 | -162.63     |
|             | 0.00000     |             |         |             |
| 35.36       | -169.71     | 42.43       | 0.00000 | -176.78     |
|             | 0.00000     |             |         |             |
| 162.63      | -28.28      | 169.71      | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
| 148.49      | -42.43      | 155.56      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| 134.35      | -56.57      | 141.42      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| 120.21      | -70.71      | 127.28      | 0.00000 | -77.78      |
|             | 0.00000     |             |         |             |
| 113.14      | -81.32      | 116.67      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| 109.60      | -86.97      | 111.02      | 0.00000 | -88.39      |
|             | 0.00000     |             |         |             |
| 106.77      | -89.80      | 108.19      | 0.00000 | -91.22      |
|             | 0.00000     |             |         |             |
| 92.63       | -92.63      | 105.36      | 0.00000 | -105.36     |
|             | 0.00000     |             |         |             |
| 89.80       | -106.77     | 91.22       | 0.00000 | -108.19     |
|             | 0.00000     |             |         |             |
| 86.97       | -109.60     | 88.39       | 0.00000 | -111.02     |
|             | 0.00000     |             |         |             |
| 81.32       | -113.14     | 84.85       | 0.00000 | -116.67     |
|             | 0.00000     |             |         |             |
| 70.71       | -120.21     | 77.78       | 0.00000 | -127.28     |
|             | 0.00000     |             |         |             |
| 56.57       | -134.35     | 63.64       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 42.43       | -148.49     | 49.50       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
| 28.28       | -162.63     | 35.36       | 0.00000 | -169.71     |
|             | 0.00000     |             |         |             |
| 155.56      | -21.21      | 162.63      | 0.00000 | -28.28      |
|             | 0.00000     |             |         |             |
|             | -35.36      | 148.49      | 0.00000 | -42.43      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 141.42 | 0.00000 |        |         |         |
|        | -49.50  | 134.35 | 0.00000 | -56.57  |
| 127.28 | 0.00000 |        |         |         |
|        | -63.64  | 120.21 | 0.00000 | -70.71  |
| 113.14 | 0.00000 |        |         |         |
|        | -74.25  | 109.60 | 0.00000 | -77.78  |
| 106.07 | 0.00000 |        |         |         |
|        | -79.90  | 103.94 | 0.00000 | -81.32  |
| 102.53 | 0.00000 |        |         |         |
|        | -82.73  | 101.12 | 0.00000 | -84.15  |
| 99.70  | 0.00000 |        |         |         |
|        | -85.56  | 98.29  | 0.00000 | -98.29  |
| 85.56  | 0.00000 |        |         |         |
|        | -99.70  | 84.15  | 0.00000 | -101.12 |
| 82.73  | 0.00000 |        |         |         |
|        | -102.53 | 81.32  | 0.00000 | -103.94 |
| 79.90  | 0.00000 |        |         |         |
|        | -106.07 | 77.78  | 0.00000 | -109.60 |
| 74.25  | 0.00000 |        |         |         |
|        | -113.14 | 70.71  | 0.00000 | -120.21 |
| 63.64  | 0.00000 |        |         |         |
|        | -127.28 | 56.57  | 0.00000 | -134.35 |
| 49.50  | 0.00000 |        |         |         |
|        | -141.42 | 42.43  | 0.00000 | -148.49 |
| 35.36  | 0.00000 |        |         |         |
|        | -155.56 | 28.28  | 0.00000 | -162.63 |
| 21.21  | 0.00000 |        |         |         |
|        | -14.14  | 155.56 | 0.00000 | -21.21  |
| 148.49 | 0.00000 |        |         |         |
|        | -28.28  | 141.42 | 0.00000 | -35.36  |
| 134.35 | 0.00000 |        |         |         |
|        | -42.43  | 127.28 | 0.00000 | -49.50  |
| 120.21 | 0.00000 |        |         |         |
|        | -56.57  | 113.14 | 0.00000 | -63.64  |
| 106.07 | 0.00000 |        |         |         |
|        | -67.18  | 102.53 | 0.00000 | -70.71  |
| 98.99  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -72.83      | 96.87       | 0.00000 | -74.25      |
| 95.46       | 0.00000     |             |         |             |
|             | -75.66      | 94.05       | 0.00000 | -77.07      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 92.63  | 0.00000 |        |         |         |
|        | -78.49  | 91.22  | 0.00000 | -91.22  |
| 78.49  | 0.00000 |        |         |         |
|        | -92.63  | 77.07  | 0.00000 | -94.05  |
| 75.66  | 0.00000 |        |         |         |
|        | -95.46  | 74.25  | 0.00000 | -96.87  |
| 72.83  | 0.00000 |        |         |         |
|        | -98.99  | 70.71  | 0.00000 | -102.53 |
| 67.18  | 0.00000 |        |         |         |
|        | -106.07 | 63.64  | 0.00000 | -113.14 |
| 56.57  | 0.00000 |        |         |         |
|        | -120.21 | 49.50  | 0.00000 | -127.28 |
| 42.43  | 0.00000 |        |         |         |
|        | -134.35 | 35.36  | 0.00000 | -141.42 |
| 28.28  | 0.00000 |        |         |         |
|        | -148.49 | 21.21  | 0.00000 | -155.56 |
| 14.14  | 0.00000 |        |         |         |
|        | -7.07   | 148.49 | 0.00000 | -14.14  |
| 141.42 | 0.00000 |        |         |         |
|        | -21.21  | 134.35 | 0.00000 | -28.28  |
| 127.28 | 0.00000 |        |         |         |
|        | -35.36  | 120.21 | 0.00000 | -42.43  |
| 113.14 | 0.00000 |        |         |         |
|        | -49.50  | 106.07 | 0.00000 | -56.57  |
| 98.99  | 0.00000 |        |         |         |
|        | -60.10  | 95.46  | 0.00000 | -63.64  |
| 91.92  | 0.00000 |        |         |         |
|        | -65.76  | 89.80  | 0.00000 | -67.18  |
| 88.39  | 0.00000 |        |         |         |
|        | -68.59  | 86.97  | 0.00000 | -70.00  |
| 85.56  | 0.00000 |        |         |         |
|        | -71.42  | 84.15  | 0.00000 | -84.15  |
| 71.42  | 0.00000 |        |         |         |
|        | -85.56  | 70.00  | 0.00000 | -86.97  |
| 68.59  | 0.00000 |        |         |         |
|        | -88.39  | 67.18  | 0.00000 | -89.80  |
| 65.76  | 0.00000 |        |         |         |
|        | -91.92  | 63.64  | 0.00000 | -95.46  |
| 60.10  | 0.00000 |        |         |         |
|        | -98.99  | 56.57  | 0.00000 | -106.07 |
| 49.50  | 0.00000 |        |         |         |
|        | -113.14 | 42.43  | 0.00000 | -120.21 |
| 35.36  | 0.00000 |        |         |         |
|        | -127.28 | 28.28  | 0.00000 | -134.35 |
| 21.21  | 0.00000 |        |         |         |
|        | -141.42 | 14.14  | 0.00000 | -148.49 |
| 7.07   | 0.00000 |        |         |         |
|        | 0.00    | 141.42 | 0.00000 | -7.07   |
| 134.35 | 0.00000 |        |         |         |
|        | -14.14  | 127.28 | 0.00000 | -21.21  |
| 120.21 | 0.00000 |        |         |         |
|        | -28.28  | 113.14 | 0.00000 | -35.36  |
| 106.07 | 0.00000 |        |         |         |
|        | -42.43  | 98.99  | 0.00000 | -49.50  |
| 91.92  | 0.00000 |        |         |         |
|        | -53.03  | 88.39  | 0.00000 | -56.57  |
| 84.85  | 0.00000 |        |         |         |
|        | -58.69  | 82.73  | 0.00000 | -60.10  |
| 81.32  | 0.00000 |        |         |         |
|        | -61.52  | 79.90  | 0.00000 | -62.93  |
| 78.49  | 0.00000 |        |         |         |
|        | -64.35  | 77.07  | 0.00000 | -77.07  |
| 64.35  | 0.00000 |        |         |         |

| 05_13NCRA_SR03-300_ACROLEIN_TRAV_ANN_SE-NW_BOUND_CORRECTED |         |       |         |         |
|--|---------|-------|---------|---------|
| 61.52  | -78.49  | 62.93 | 0.00000 | -79.90  |
|  | 0.00000 |       |         |         |
| 58.69  | -81.32  | 60.10 | 0.00000 | -82.73  |
|  | 0.00000 |       |         |         |
| 53.03  | -84.85  | 56.57 | 0.00000 | -88.39  |
|  | 0.00000 |       |         |         |
| 42.43  | -91.92  | 49.50 | 0.00000 | -98.99  |
|  | 0.00000 |       |         |         |
| 28.28  | -106.07 | 35.36 | 0.00000 | -113.14 |
|  | 0.00000 |       |         |         |
| 14.14  | -120.21 | 21.21 | 0.00000 | -127.28 |
|  | 0.00000 |       |         |         |
| 0.00   | -134.35 | 7.07  | 0.00000 | -141.42 |
|  | 0.00000 |       |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

| ** CONC OF OTHER IN MICROGRAMS/M**3 |             |             |         |             |
|-------------------------------------|-------------|-------------|---------|-------------|
| Y-COORD (M)                         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|                                     | 7.07        | 134.35      | 0.00000 | 0.00        |
| 127.28                              | 0.00000     |             |         |             |
|                                     | -7.07       | 120.21      | 0.00000 | -14.14      |
| 113.14                              | 0.00000     |             |         |             |
|                                     | -21.21      | 106.07      | 0.00000 | -28.28      |
| 98.99                               | 0.00000     |             |         |             |
|                                     | -35.36      | 91.92       | 0.00000 | -42.43      |
| 84.85                               | 0.00000     |             |         |             |
|                                     | -45.96      | 81.32       | 0.00000 | -49.50      |
| 77.78                               | 0.00000     |             |         |             |
|                                     | -51.62      | 75.66       | 0.00000 | -53.03      |
| 74.25                               | 0.00000     |             |         |             |
|                                     | -54.45      | 72.83       | 0.00000 | -55.86      |
| 71.42                               | 0.00000     |             |         |             |
|                                     | -57.28      | 70.00       | 0.00000 | -70.00      |
| 57.28                               | 0.00000     |             |         |             |
|                                     | -71.42      | 55.86       | 0.00000 | -72.83      |
| 54.45                               | 0.00000     |             |         |             |
|                                     | -74.25      | 53.03       | 0.00000 | -75.66      |
| 51.62                               | 0.00000     |             |         |             |
|                                     | -77.78      | 49.50       | 0.00000 | -81.32      |
| 45.96                               | 0.00000     |             |         |             |
|                                     | -84.85      | 42.43       | 0.00000 | -91.92      |
| 35.36                               | 0.00000     |             |         |             |
|                                     | -98.99      | 28.28       | 0.00000 | -106.07     |
| 21.21                               | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 7.07   | -113.14 | 14.14  | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| -7.07  | -127.28 | 0.00   | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 120.21 | 14.14   | 127.28 | 0.00000 | 7.07    |
|        | 0.00000 |        |         |         |
| 106.07 | 0.00    | 113.14 | 0.00000 | -7.07   |
|        | 0.00000 |        |         |         |
| 91.92  | -14.14  | 98.99  | 0.00000 | -21.21  |
|        | 0.00000 |        |         |         |
| 77.78  | -28.28  | 84.85  | 0.00000 | -35.36  |
|        | 0.00000 |        |         |         |
| 70.71  | -38.89  | 74.25  | 0.00000 | -42.43  |
|        | 0.00000 |        |         |         |
| 67.18  | -44.55  | 68.59  | 0.00000 | -45.96  |
|        | 0.00000 |        |         |         |
| 64.35  | -47.38  | 65.76  | 0.00000 | -48.79  |
|        | 0.00000 |        |         |         |
| 50.20  | -50.20  | 62.93  | 0.00000 | -62.93  |
|        | 0.00000 |        |         |         |
| 47.38  | -64.35  | 48.79  | 0.00000 | -65.76  |
|        | 0.00000 |        |         |         |
| 44.55  | -67.18  | 45.96  | 0.00000 | -68.59  |
|        | 0.00000 |        |         |         |
| 38.89  | -70.71  | 42.43  | 0.00000 | -74.25  |
|        | 0.00000 |        |         |         |
| 28.28  | -77.78  | 35.36  | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 14.14  | -91.92  | 21.21  | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 0.00   | -106.07 | 7.07   | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| -14.14 | -120.21 | -7.07  | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 113.14 | 21.21   | 120.21 | 0.00000 | 14.14   |
|        | 0.00000 |        |         |         |
| 98.99  | 7.07    | 106.07 | 0.00000 | 0.00    |
|        | 0.00000 |        |         |         |
| 84.85  | -7.07   | 91.92  | 0.00000 | -14.14  |
|        | 0.00000 |        |         |         |
| 70.71  | -21.21  | 77.78  | 0.00000 | -28.28  |
|        | 0.00000 |        |         |         |
| 63.64  | -31.82  | 67.18  | 0.00000 | -35.36  |
|        | 0.00000 |        |         |         |
| 60.10  | -37.48  | 61.52  | 0.00000 | -38.89  |
|        | 0.00000 |        |         |         |
| 57.28  | -40.31  | 58.69  | 0.00000 | -41.72  |
|        | 0.00000 |        |         |         |
| 43.13  | -43.13  | 55.86  | 0.00000 | -55.86  |
|        | 0.00000 |        |         |         |
| 40.31  | -57.28  | 41.72  | 0.00000 | -58.69  |
|        | 0.00000 |        |         |         |
| 37.48  | -60.10  | 38.89  | 0.00000 | -61.52  |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

CONC

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 URBAN FLAT FLGPOL DFAULT



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

| **          |             | ** CONC OF OTHER IN MICROGRAMS/M**3 |             |
|-------------|-------------|-------------------------------------|-------------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)                         | X-COORD (M) |
| CONC        | CONC        | CONC                                | CONC        |
| 31.82       | -63.64      | 35.36                               | -67.18      |
| 21.21       | -70.71      | 28.28                               | -77.78      |
| 7.07        | -84.85      | 14.14                               | -91.92      |
| -7.07       | -98.99      | 0.00                                | -106.07     |
| -21.21      | -113.14     | -14.14                              | -120.21     |
| 106.07      | 28.28       | 113.14                              | 21.21       |
| 91.92       | 14.14       | 98.99                               | 7.07        |
| 77.78       | 0.00        | 84.85                               | -7.07       |
| 63.64       | -14.14      | 70.71                               | -21.21      |
| 56.57       | -24.75      | 60.10                               | -28.28      |
| 53.03       | -30.41      | 54.45                               | -31.82      |
| 50.20       | -33.23      | 51.62                               | -34.65      |
| 36.06       | -36.06      | 48.79                               | -48.79      |
| 33.23       | -50.20      | 34.65                               | -51.62      |
| 30.41       | -53.03      | 31.82                               | -54.45      |
| 24.75       | -56.57      | 28.28                               | -60.10      |
| 14.14       | -63.64      | 21.21                               | -70.71      |
| 0.00        | -77.78      | 7.07                                | -84.85      |
| -14.14      | -91.92      | -7.07                               | -98.99      |
| -28.28      | -106.07     | -21.21                              | -113.14     |
| 98.99       | 35.36       | 106.07                              | 28.28       |
| 84.85       | 21.21       | 91.92                               | 14.14       |
| 70.71       | 7.07        | 77.78                               | 0.00        |
| 56.57       | -7.07       | 63.64                               | -14.14      |
|             | -17.68      | 53.03                               | -21.21      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 49.50  | 0.00000 |        |         |         |
|        | -23.33  | 47.38  | 0.00000 | -24.75  |
| 45.96  | 0.00000 |        |         |         |
|        | -26.16  | 44.55  | 0.00000 | -27.58  |
| 43.13  | 0.00000 |        |         |         |
|        | -28.99  | 41.72  | 0.00000 | -41.72  |
| 28.99  | 0.00000 |        |         |         |
|        | -43.13  | 27.58  | 0.00000 | -44.55  |
| 26.16  | 0.00000 |        |         |         |
|        | -45.96  | 24.75  | 0.00000 | -47.38  |
| 23.33  | 0.00000 |        |         |         |
|        | -49.50  | 21.21  | 0.00000 | -53.03  |
| 17.68  | 0.00000 |        |         |         |
|        | -56.57  | 14.14  | 0.00000 | -63.64  |
| 7.07   | 0.00000 |        |         |         |
|        | -70.71  | 0.00   | 0.00000 | -77.78  |
| -7.07  | 0.00000 |        |         |         |
|        | -84.85  | -14.14 | 0.00000 | -91.92  |
| -21.21 | 0.00000 |        |         |         |
|        | -98.99  | -28.28 | 0.00000 | -106.07 |
| -35.36 | 0.00000 |        |         |         |
|        | 42.43   | 98.99  | 0.00000 | 35.36   |
| 91.92  | 0.00000 |        |         |         |
|        | 28.28   | 84.85  | 0.00000 | 21.21   |
| 77.78  | 0.00000 |        |         |         |
|        | 14.14   | 70.71  | 0.00000 | 7.07    |
| 63.64  | 0.00000 |        |         |         |
|        | 0.00    | 56.57  | 0.00000 | -7.07   |
| 49.50  | 0.00000 |        |         |         |
|        | -10.61  | 45.96  | 0.00000 | -14.14  |
| 42.43  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 51  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -16.26      | 40.31       | 0.00000 | -17.68      |
| 38.89       | 0.00000     |             |         |             |
|             | -19.09      | 37.48       | 0.00000 | -20.51      |
| 36.06       | 0.00000     |             |         |             |
|             | -21.92      | 34.65       | 0.00000 | -34.65      |
| 21.92       | 0.00000     |             |         |             |
|             | -36.06      | 20.51       | 0.00000 | -37.48      |
| 19.09       | 0.00000     |             |         |             |
|             | -38.89      | 17.68       | 0.00000 | -40.31      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 16.26  | 0.00000 |        |         |        |
|        | -42.43  | 14.14  | 0.00000 | -45.96 |
| 10.61  | 0.00000 |        |         |        |
|        | -49.50  | 7.07   | 0.00000 | -56.57 |
| 0.00   | 0.00000 |        |         |        |
|        | -63.64  | -7.07  | 0.00000 | -70.71 |
| -14.14 | 0.00000 |        |         |        |
|        | -77.78  | -21.21 | 0.00000 | -84.85 |
| -28.28 | 0.00000 |        |         |        |
|        | -91.92  | -35.36 | 0.00000 | -98.99 |
| -42.43 | 0.00000 |        |         |        |
|        | 49.50   | 91.92  | 0.00000 | 42.43  |
| 84.85  | 0.00000 |        |         |        |
|        | 35.36   | 77.78  | 0.00000 | 28.28  |
| 70.71  | 0.00000 |        |         |        |
|        | 21.21   | 63.64  | 0.00000 | 14.14  |
| 56.57  | 0.00000 |        |         |        |
|        | 7.07    | 49.50  | 0.00000 | 0.00   |
| 42.43  | 0.00000 |        |         |        |
|        | -3.54   | 38.89  | 0.00000 | -7.07  |
| 35.36  | 0.00000 |        |         |        |
|        | -9.19   | 33.23  | 0.00000 | -10.61 |
| 31.82  | 0.00000 |        |         |        |
|        | -12.02  | 30.41  | 0.00000 | -13.44 |
| 28.99  | 0.00000 |        |         |        |
|        | -14.85  | 27.58  | 0.00000 | -27.58 |
| 14.85  | 0.00000 |        |         |        |
|        | -28.99  | 13.44  | 0.00000 | -30.41 |
| 12.02  | 0.00000 |        |         |        |
|        | -31.82  | 10.61  | 0.00000 | -33.23 |
| 9.19   | 0.00000 |        |         |        |
|        | -35.36  | 7.07   | 0.00000 | -38.89 |
| 3.54   | 0.00000 |        |         |        |
|        | -42.43  | 0.00   | 0.00000 | -49.50 |
| -7.07  | 0.00000 |        |         |        |
|        | -56.57  | -14.14 | 0.00000 | -63.64 |
| -21.21 | 0.00000 |        |         |        |
|        | -70.71  | -28.28 | 0.00000 | -77.78 |
| -35.36 | 0.00000 |        |         |        |
|        | -84.85  | -42.43 | 0.00000 | -91.92 |
| -49.50 | 0.00000 |        |         |        |
|        | 56.57   | 84.85  | 0.00000 | 49.50  |
| 77.78  | 0.00000 |        |         |        |
|        | 42.43   | 70.71  | 0.00000 | 35.36  |
| 63.64  | 0.00000 |        |         |        |
|        | 28.28   | 56.57  | 0.00000 | 21.21  |
| 49.50  | 0.00000 |        |         |        |
|        | 14.14   | 42.43  | 0.00000 | 7.07   |
| 35.36  | 0.00000 |        |         |        |
|        | 3.54    | 31.82  | 0.00000 | 0.00   |
| 28.28  | 0.00000 |        |         |        |
|        | -2.12   | 26.16  | 0.00000 | -3.54  |
| 24.75  | 0.00000 |        |         |        |
|        | -4.95   | 23.33  | 0.00000 | -6.36  |
| 21.92  | 0.00000 |        |         |        |
|        | -7.78   | 20.51  | 0.00000 | -20.51 |
| 7.78   | 0.00000 |        |         |        |
|        | -21.92  | 6.36   | 0.00000 | -23.33 |
| 4.95   | 0.00000 |        |         |        |
|        | -24.75  | 3.54   | 0.00000 | -26.16 |
| 2.12   | 0.00000 |        |         |        |
|        | -28.28  | 0.00   | 0.00000 | -31.82 |
| -3.54  | 0.00000 |        |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -14.14 | -35.36  | -7.07  | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -28.28 | -49.50  | -21.21 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -42.43 | -63.64  | -35.36 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| -56.57 | -77.78  | -49.50 | 0.00000 | -84.85 |
|        | 0.00000 |        |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 52  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 70.71       | 63.64       | 77.78       | 0.00000 | 56.57       |
|             | 0.00000     |             |         |             |
| 56.57       | 49.50       | 63.64       | 0.00000 | 42.43       |
|             | 0.00000     |             |         |             |
| 42.43       | 35.36       | 49.50       | 0.00000 | 28.28       |
|             | 0.00000     |             |         |             |
| 28.28       | 21.21       | 35.36       | 0.00000 | 14.14       |
|             | 0.00000     |             |         |             |
| 21.21       | 10.61       | 24.75       | 0.00000 | 7.07        |
|             | 0.00000     |             |         |             |
| 17.68       | 4.95        | 19.09       | 0.00000 | 3.54        |
|             | 0.00000     |             |         |             |
| 14.85       | 2.12        | 16.26       | 0.00000 | 0.71        |
|             | 0.00000     |             |         |             |
| 0.71        | -0.71       | 13.44       | 0.00000 | -13.44      |
|             | 0.00000     |             |         |             |
| -2.12       | -14.85      | -0.71       | 0.00000 | -16.26      |
|             | 0.00000     |             |         |             |
| -4.95       | -17.68      | -3.54       | 0.00000 | -19.09      |
|             | 0.00000     |             |         |             |
| -10.61      | -21.21      | -7.07       | 0.00000 | -24.75      |
|             | 0.00000     |             |         |             |
| -21.21      | -28.28      | -14.14      | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
| -35.36      | -42.43      | -28.28      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| -49.50      | -56.57      | -42.43      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| -63.64      | -70.71      | -56.57      | 0.00000 | -77.78      |
|             | 0.00000     |             |         |             |
| 63.64       | 70.71       | 70.71       | 0.00000 | 63.64       |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 49.50  | 56.57   | 56.57  | 0.00000 | 49.50  |
|        | 0.00000 |        |         |        |
| 35.36  | 42.43   | 42.43  | 0.00000 | 35.36  |
|        | 0.00000 |        |         |        |
| 21.21  | 28.28   | 28.28  | 0.00000 | 21.21  |
|        | 0.00000 |        |         |        |
| 14.14  | 17.68   | 17.68  | 0.00000 | 14.14  |
|        | 0.00000 |        |         |        |
| 10.61  | 12.02   | 12.02  | 0.00000 | 10.61  |
|        | 0.00000 |        |         |        |
| 7.78   | 9.19    | 9.19   | 0.00000 | 7.78   |
|        | 0.00000 |        |         |        |
| -6.36  | 6.36    | 6.36   | 0.00000 | -6.36  |
|        | 0.00000 |        |         |        |
| -9.19  | -7.78   | -7.78  | 0.00000 | -9.19  |
|        | 0.00000 |        |         |        |
| -12.02 | -10.61  | -10.61 | 0.00000 | -12.02 |
|        | 0.00000 |        |         |        |
| -17.68 | -14.14  | -14.14 | 0.00000 | -17.68 |
|        | 0.00000 |        |         |        |
| -28.28 | -21.21  | -21.21 | 0.00000 | -28.28 |
|        | 0.00000 |        |         |        |
| -42.43 | -35.36  | -35.36 | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -56.57 | -49.50  | -49.50 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -70.71 | -63.64  | -63.64 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| 56.57  | 77.78   | 63.64  | 0.00000 | 70.71  |
|        | 0.00000 |        |         |        |
| 42.43  | 63.64   | 49.50  | 0.00000 | 56.57  |
|        | 0.00000 |        |         |        |
| 28.28  | 49.50   | 35.36  | 0.00000 | 42.43  |
|        | 0.00000 |        |         |        |
| 14.14  | 35.36   | 21.21  | 0.00001 | 28.28  |
|        | 0.00001 |        |         |        |
| 7.07   | 24.75   | 10.61  | 0.00001 | 21.21  |
|        | 0.00001 |        |         |        |
| 3.54   | 19.09   | 4.95   | 0.00001 | 17.68  |
|        | 0.00001 |        |         |        |
| 0.71   | 16.26   | 2.12   | 0.00001 | 14.85  |
|        | 0.00001 |        |         |        |
| -13.44 | 13.44   | -0.71  | 0.00001 | 0.71   |
|        | 0.00000 |        |         |        |
| -16.26 | -0.71   | -14.85 | 0.00000 | -2.12  |
|        | 0.00000 |        |         |        |
| -19.09 | -3.54   | -17.68 | 0.00000 | -4.95  |
|        | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -24.75      | -7.07       | -21.21      | 0.00000 | -10.61      |
| -35.36      | 0.00000     | -28.28      | 0.00000 | -21.21      |
| -49.50      | -14.14      | -42.43      | 0.00000 | -35.36      |
| -63.64      | 0.00000     | -56.57      | 0.00000 | -49.50      |
| -77.78      | -28.28      | -70.71      | 0.00000 | -63.64      |
| 49.50       | -42.43      | 56.57       | 0.00000 | 77.78       |
| 35.36       | 0.00000     | 42.43       | 0.00000 | 63.64       |
| 21.21       | 70.71       | 28.28       | 0.00000 | 49.50       |
| 7.07        | 0.00001     | 14.14       | 0.00001 | 35.36       |
| 0.00        | 42.43       | 3.54        | 0.00001 | 28.28       |
| -3.54       | 0.00001     | -2.12       | 0.00001 | 24.75       |
| -6.36       | 26.16       | -4.95       | 0.00001 | 21.92       |
| -20.51      | 0.00001     | -7.78       | 0.00001 | 7.78        |
| -23.33      | 0.00000     | -21.92      | 0.00000 | 4.95        |
| -26.16      | 6.36        | -24.75      | 0.00000 | 2.12        |
| -31.82      | 0.00000     | -28.28      | 0.00000 | -3.54       |
| -42.43      | 0.00000     | -35.36      | 0.00000 | -14.14      |
| -56.57      | -7.07       | -49.50      | 0.00000 | -28.28      |
| -70.71      | 0.00000     | -63.64      | 0.00000 | -42.43      |
| -84.85      | -21.21      | -77.78      | 0.00000 | -56.57      |
| 42.43       | 0.00000     | 49.50       | 0.00000 | 84.85       |
| 28.28       | 77.78       | 35.36       | 0.00000 | 70.71       |
| 14.14       | 0.00000     | 21.21       | 0.00000 | 56.57       |
| 0.00        | 63.64       | 7.07        | 0.00001 | 42.43       |
| -7.07       | 0.00001     | -3.54       | 0.00001 | 35.36       |
| -10.61      | 38.89       | -9.19       | 0.00001 | 31.82       |
| -13.44      | 0.00001     | -12.02      | 0.00001 | 28.99       |
|             | 33.23       | -14.85      | 0.00001 | 14.85       |
|             | 0.00001     |             |         |             |
|             | 27.58       |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -27.58 | 0.00000 |        |         |        |
|        | 13.44   | -28.99 | 0.00000 | 12.02  |
| -30.41 | 0.00000 |        |         |        |
|        | 10.61   | -31.82 | 0.00000 | 9.19   |
| -33.23 | 0.00000 |        |         |        |
|        | 7.07    | -35.36 | 0.00000 | 3.54   |
| -38.89 | 0.00000 |        |         |        |
|        | 0.00    | -42.43 | 0.00000 | -7.07  |
| -49.50 | 0.00000 |        |         |        |
|        | -14.14  | -56.57 | 0.00000 | -21.21 |
| -63.64 | 0.00000 |        |         |        |
|        | -28.28  | -70.71 | 0.00000 | -35.36 |
| -77.78 | 0.00000 |        |         |        |
|        | -42.43  | -84.85 | 0.00000 | -49.50 |
| -91.92 | 0.00000 |        |         |        |
|        | 98.99   | 42.43  | 0.00000 | 91.92  |
| 35.36  | 0.00000 |        |         |        |
|        | 84.85   | 28.28  | 0.00000 | 77.78  |
| 21.21  | 0.00000 |        |         |        |
|        | 70.71   | 14.14  | 0.00000 | 63.64  |
| 7.07   | 0.00001 |        |         |        |
|        | 56.57   | 0.00   | 0.00001 | 49.50  |
| -7.07  | 0.00001 |        |         |        |
|        | 45.96   | -10.61 | 0.00001 | 42.43  |
| -14.14 | 0.00001 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -17.68      | 40.31       | -16.26      | 0.00001 | 38.89       |
|             | 0.00001     |             |         |             |
| -20.51      | 37.48       | -19.09      | 0.00001 | 36.06       |
|             | 0.00001     |             |         |             |
| -34.65      | 34.65       | -21.92      | 0.00001 | 21.92       |
|             | 0.00000     |             |         |             |
| -37.48      | 20.51       | -36.06      | 0.00000 | 19.09       |
|             | 0.00000     |             |         |             |
| -40.31      | 17.68       | -38.89      | 0.00000 | 16.26       |
|             | 0.00000     |             |         |             |
| -45.96      | 14.14       | -42.43      | 0.00000 | 10.61       |
|             | 0.00000     |             |         |             |
| -56.57      | 7.07        | -49.50      | 0.00000 | 0.00        |
|             | 0.00000     |             |         |             |
|             | -7.07       | -63.64      | 0.00000 | -14.14      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |        |         |        |
|---------|---------|--------|---------|--------|
| -70.71  | 0.00000 |        |         |        |
|         | -21.21  | -77.78 | 0.00000 | -28.28 |
| -84.85  | 0.00000 |        |         |        |
|         | -35.36  | -91.92 | 0.00000 | -42.43 |
| -98.99  | 0.00000 |        |         |        |
|         | 106.07  | 35.36  | 0.00000 | 98.99  |
| 28.28   | 0.00000 |        |         |        |
|         | 91.92   | 21.21  | 0.00000 | 84.85  |
| 14.14   | 0.00000 |        |         |        |
|         | 77.78   | 7.07   | 0.00001 | 70.71  |
| 0.00    | 0.00001 |        |         |        |
|         | 63.64   | -7.07  | 0.00001 | 56.57  |
| -14.14  | 0.00001 |        |         |        |
|         | 53.03   | -17.68 | 0.00001 | 49.50  |
| -21.21  | 0.00001 |        |         |        |
|         | 47.38   | -23.33 | 0.00001 | 45.96  |
| -24.75  | 0.00001 |        |         |        |
|         | 44.55   | -26.16 | 0.00001 | 43.13  |
| -27.58  | 0.00002 |        |         |        |
|         | 41.72   | -28.99 | 0.00002 | 28.99  |
| -41.72  | 0.00000 |        |         |        |
|         | 27.58   | -43.13 | 0.00000 | 26.16  |
| -44.55  | 0.00000 |        |         |        |
|         | 24.75   | -45.96 | 0.00000 | 23.33  |
| -47.38  | 0.00000 |        |         |        |
|         | 21.21   | -49.50 | 0.00000 | 17.68  |
| -53.03  | 0.00000 |        |         |        |
|         | 14.14   | -56.57 | 0.00000 | 7.07   |
| -63.64  | 0.00000 |        |         |        |
|         | 0.00    | -70.71 | 0.00000 | -7.07  |
| -77.78  | 0.00000 |        |         |        |
|         | -14.14  | -84.85 | 0.00000 | -21.21 |
| -91.92  | 0.00000 |        |         |        |
|         | -28.28  | -98.99 | 0.00000 | -35.36 |
| -106.07 | 0.00000 |        |         |        |
|         | 113.14  | 28.28  | 0.00000 | 106.07 |
| 21.21   | 0.00000 |        |         |        |
|         | 98.99   | 14.14  | 0.00000 | 91.92  |
| 7.07    | 0.00000 |        |         |        |
|         | 84.85   | 0.00   | 0.00001 | 77.78  |
| -7.07   | 0.00001 |        |         |        |
|         | 70.71   | -14.14 | 0.00001 | 63.64  |
| -21.21  | 0.00001 |        |         |        |
|         | 60.10   | -24.75 | 0.00001 | 56.57  |
| -28.28  | 0.00001 |        |         |        |
|         | 54.45   | -30.41 | 0.00001 | 53.03  |
| -31.82  | 0.00001 |        |         |        |
|         | 51.62   | -33.23 | 0.00002 | 50.20  |
| -34.65  | 0.00002 |        |         |        |
|         | 48.79   | -36.06 | 0.00002 | 36.06  |
| -48.79  | 0.00000 |        |         |        |
|         | 34.65   | -50.20 | 0.00000 | 33.23  |
| -51.62  | 0.00000 |        |         |        |
|         | 31.82   | -53.03 | 0.00000 | 30.41  |
| -54.45  | 0.00000 |        |         |        |
|         | 28.28   | -56.57 | 0.00000 | 24.75  |
| -60.10  | 0.00000 |        |         |        |
|         | 21.21   | -63.64 | 0.00000 | 14.14  |
| -70.71  | 0.00000 |        |         |        |
|         | 7.07    | -77.78 | 0.00000 | 0.00   |
| -84.85  | 0.00000 |        |         |        |
|         | -7.07   | -91.92 | 0.00000 | -14.14 |
| -98.99  | 0.00000 |        |         |        |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

-113.14 -21.21 -106.07 0.00000 -28.28

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

Direction \*\*\* \*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

\*\*MODELOPTs:

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 14.14       | 120.21      | 21.21       | 0.00000 | 113.14      |
| 0.00        | 106.07      | 7.07        | 0.00000 | 98.99       |
| -14.14      | 91.92       | -7.07       | 0.00001 | 84.85       |
| -28.28      | 77.78       | -21.21      | 0.00001 | 70.71       |
| -35.36      | 67.18       | -31.82      | 0.00001 | 63.64       |
| -38.89      | 61.52       | -37.48      | 0.00001 | 60.10       |
| -41.72      | 58.69       | -40.31      | 0.00002 | 57.28       |
| -55.86      | 55.86       | -43.13      | 0.00002 | 43.13       |
| -58.69      | 41.72       | -57.28      | 0.00000 | 40.31       |
| -61.52      | 38.89       | -60.10      | 0.00000 | 37.48       |
| -67.18      | 35.36       | -63.64      | 0.00000 | 31.82       |
| -77.78      | 28.28       | -70.71      | 0.00000 | 21.21       |
| -91.92      | 14.14       | -84.85      | 0.00000 | 7.07        |
| -106.07     | 0.00        | -98.99      | 0.00000 | -7.07       |
| -120.21     | -14.14      | -113.14     | 0.00000 | -21.21      |
| 7.07        | 127.28      | 14.14       | 0.00000 | 120.21      |
| -7.07       | 113.14      | 0.00        | 0.00000 | 106.07      |
| -21.21      | 98.99       | -14.14      | 0.00000 | 91.92       |
| -35.36      | 84.85       | -28.28      | 0.00001 | 77.78       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -42.43  | 74.25   | -38.89  | 0.00001 | 70.71  |
|         | 0.00001 |         |         |        |
| -45.96  | 68.59   | -44.55  | 0.00001 | 67.18  |
|         | 0.00002 |         |         |        |
| -48.79  | 65.76   | -47.38  | 0.00002 | 64.35  |
|         | 0.00002 |         |         |        |
| -62.93  | 62.93   | -50.20  | 0.00002 | 50.20  |
|         | 0.00001 |         |         |        |
| -65.76  | 48.79   | -64.35  | 0.00000 | 47.38  |
|         | 0.00000 |         |         |        |
| -68.59  | 45.96   | -67.18  | 0.00000 | 44.55  |
|         | 0.00000 |         |         |        |
| -74.25  | 42.43   | -70.71  | 0.00000 | 38.89  |
|         | 0.00000 |         |         |        |
| -84.85  | 35.36   | -77.78  | 0.00000 | 28.28  |
|         | 0.00000 |         |         |        |
| -98.99  | 21.21   | -91.92  | 0.00000 | 14.14  |
|         | 0.00000 |         |         |        |
| -113.14 | 7.07    | -106.07 | 0.00000 | 0.00   |
|         | 0.00000 |         |         |        |
| -127.28 | -7.07   | -120.21 | 0.00000 | -14.14 |
|         | 0.00000 |         |         |        |
| 0.00    | 134.35  | 7.07    | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -14.14  | 120.21  | -7.07   | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -28.28  | 106.07  | -21.21  | 0.00000 | 98.99  |
|         | 0.00001 |         |         |        |
| -42.43  | 91.92   | -35.36  | 0.00001 | 84.85  |
|         | 0.00001 |         |         |        |
| -49.50  | 81.32   | -45.96  | 0.00001 | 77.78  |
|         | 0.00001 |         |         |        |
| -53.03  | 75.66   | -51.62  | 0.00001 | 74.25  |
|         | 0.00001 |         |         |        |
| -55.86  | 72.83   | -54.45  | 0.00002 | 71.42  |
|         | 0.00002 |         |         |        |
| -70.00  | 70.00   | -57.28  | 0.00002 | 57.28  |
|         | 0.00001 |         |         |        |
| -72.83  | 55.86   | -71.42  | 0.00001 | 54.45  |
|         | 0.00000 |         |         |        |
| -75.66  | 53.03   | -74.25  | 0.00000 | 51.62  |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 15:11:25  
 \*\*MODELOPTS:

CONC PAGE 56  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -81.32  | 49.50   | -77.78  | 0.00000 | 45.96  |
|         | 0.00000 |         |         |        |
| -91.92  | 42.43   | -84.85  | 0.00000 | 35.36  |
|         | 0.00000 |         |         |        |
| -106.07 | 28.28   | -98.99  | 0.00000 | 21.21  |
|         | 0.00000 |         |         |        |
| -120.21 | 14.14   | -113.14 | 0.00000 | 7.07   |
|         | 0.00000 |         |         |        |
| -134.35 | 0.00    | -127.28 | 0.00000 | -7.07  |
|         | 0.00000 |         |         |        |
| -7.07   | 141.42  | 0.00    | 0.00000 | 134.35 |
|         | 0.00000 |         |         |        |
| -21.21  | 127.28  | -14.14  | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -35.36  | 113.14  | -28.28  | 0.00000 | 106.07 |
|         | 0.00001 |         |         |        |
| -49.50  | 98.99   | -42.43  | 0.00001 | 91.92  |
|         | 0.00001 |         |         |        |
| -56.57  | 88.39   | -53.03  | 0.00001 | 84.85  |
|         | 0.00001 |         |         |        |
| -60.10  | 82.73   | -58.69  | 0.00001 | 81.32  |
|         | 0.00001 |         |         |        |
| -62.93  | 79.90   | -61.52  | 0.00001 | 78.49  |
|         | 0.00002 |         |         |        |
| -77.07  | 77.07   | -64.35  | 0.00002 | 64.35  |
|         | 0.00001 |         |         |        |
| -79.90  | 62.93   | -78.49  | 0.00001 | 61.52  |
|         | 0.00000 |         |         |        |
| -82.73  | 60.10   | -81.32  | 0.00000 | 58.69  |
|         | 0.00000 |         |         |        |
| -88.39  | 56.57   | -84.85  | 0.00000 | 53.03  |
|         | 0.00000 |         |         |        |
| -98.99  | 49.50   | -91.92  | 0.00000 | 42.43  |
|         | 0.00000 |         |         |        |
| -113.14 | 35.36   | -106.07 | 0.00000 | 28.28  |
|         | 0.00000 |         |         |        |
| -127.28 | 21.21   | -120.21 | 0.00000 | 14.14  |
|         | 0.00000 |         |         |        |
| -141.42 | 7.07    | -134.35 | 0.00000 | 0.00   |
|         | 0.00000 |         |         |        |
| -14.14  | 148.49  | -7.07   | 0.00000 | 141.42 |
|         | 0.00000 |         |         |        |
| -28.28  | 134.35  | -21.21  | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -42.43  | 120.21  | -35.36  | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -56.57  | 106.07  | -49.50  | 0.00001 | 98.99  |
|         | 0.00001 |         |         |        |
| -63.64  | 95.46   | -60.10  | 0.00001 | 91.92  |
|         | 0.00001 |         |         |        |
| -67.18  | 89.80   | -65.76  | 0.00001 | 88.39  |
|         | 0.00001 |         |         |        |
| -70.00  | 86.97   | -68.59  | 0.00001 | 85.56  |
|         | 0.00001 |         |         |        |
| -84.15  | 84.15   | -71.42  | 0.00002 | 71.42  |
|         | 0.00001 |         |         |        |
| -86.97  | 70.00   | -85.56  | 0.00001 | 68.59  |
|         | 0.00000 |         |         |        |
| -89.80  | 67.18   | -88.39  | 0.00000 | 65.76  |
|         | 0.00000 |         |         |        |
|         | 63.64   | -91.92  | 0.00000 | 60.10  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -95.46  | 0.00000 |         |         |        |
|         | 56.57   | -98.99  | 0.00000 | 49.50  |
| -106.07 | 0.00000 |         |         |        |
|         | 42.43   | -113.14 | 0.00000 | 35.36  |
| -120.21 | 0.00000 |         |         |        |
|         | 28.28   | -127.28 | 0.00000 | 21.21  |
| -134.35 | 0.00000 |         |         |        |
|         | 14.14   | -141.42 | 0.00000 | 7.07   |
| -148.49 | 0.00000 |         |         |        |
|         | 155.56  | -14.14  | 0.00000 | 148.49 |
| -21.21  | 0.00000 |         |         |        |
|         | 141.42  | -28.28  | 0.00000 | 134.35 |
| -35.36  | 0.00000 |         |         |        |
|         | 127.28  | -42.43  | 0.00000 | 120.21 |
| -49.50  | 0.00000 |         |         |        |
|         | 113.14  | -56.57  | 0.00001 | 106.07 |
| -63.64  | 0.00001 |         |         |        |
|         | 102.53  | -67.18  | 0.00001 | 98.99  |
| -70.71  | 0.00001 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -74.25      | 96.87       | -72.83      | 0.00001 | 95.46       |
|             | 0.00001     |             |         |             |
| -77.07      | 94.05       | -75.66      | 0.00001 | 92.63       |
|             | 0.00001     |             |         |             |
| -91.22      | 91.22       | -78.49      | 0.00001 | 78.49       |
|             | 0.00001     |             |         |             |
| -94.05      | 77.07       | -92.63      | 0.00001 | 75.66       |
|             | 0.00001     |             |         |             |
| -96.87      | 74.25       | -95.46      | 0.00000 | 72.83       |
|             | 0.00000     |             |         |             |
| -102.53     | 70.71       | -98.99      | 0.00000 | 67.18       |
|             | 0.00000     |             |         |             |
| -113.14     | 63.64       | -106.07     | 0.00000 | 56.57       |
|             | 0.00000     |             |         |             |
| -127.28     | 49.50       | -120.21     | 0.00000 | 42.43       |
|             | 0.00000     |             |         |             |
| -141.42     | 35.36       | -134.35     | 0.00000 | 28.28       |
|             | 0.00000     |             |         |             |
| -148.49     | 21.21       | -148.49     | 0.00000 | 14.14       |
|             | 0.00000     |             |         |             |
| -155.56     | 162.63      | -21.21      | 0.00000 | 155.56      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -28.28  | 0.00000 |         |         |        |
|         | 148.49  | -35.36  | 0.00000 | 141.42 |
| -42.43  | 0.00000 |         |         |        |
|         | 134.35  | -49.50  | 0.00000 | 127.28 |
| -56.57  | 0.00000 |         |         |        |
|         | 120.21  | -63.64  | 0.00000 | 113.14 |
| -70.71  | 0.00001 |         |         |        |
|         | 109.60  | -74.25  | 0.00001 | 106.07 |
| -77.78  | 0.00001 |         |         |        |
|         | 103.94  | -79.90  | 0.00001 | 102.53 |
| -81.32  | 0.00001 |         |         |        |
|         | 101.12  | -82.73  | 0.00001 | 99.70  |
| -84.15  | 0.00001 |         |         |        |
|         | 98.29   | -85.56  | 0.00001 | 85.56  |
| -98.29  | 0.00001 |         |         |        |
|         | 84.15   | -99.70  | 0.00001 | 82.73  |
| -101.12 | 0.00001 |         |         |        |
|         | 81.32   | -102.53 | 0.00000 | 79.90  |
| -103.94 | 0.00000 |         |         |        |
|         | 77.78   | -106.07 | 0.00000 | 74.25  |
| -109.60 | 0.00000 |         |         |        |
|         | 70.71   | -113.14 | 0.00000 | 63.64  |
| -120.21 | 0.00000 |         |         |        |
|         | 56.57   | -127.28 | 0.00000 | 49.50  |
| -134.35 | 0.00000 |         |         |        |
|         | 42.43   | -141.42 | 0.00000 | 35.36  |
| -148.49 | 0.00000 |         |         |        |
|         | 28.28   | -155.56 | 0.00000 | 21.21  |
| -162.63 | 0.00000 |         |         |        |
|         | 169.71  | -28.28  | 0.00000 | 162.63 |
| -35.36  | 0.00000 |         |         |        |
|         | 155.56  | -42.43  | 0.00000 | 148.49 |
| -49.50  | 0.00000 |         |         |        |
|         | 141.42  | -56.57  | 0.00000 | 134.35 |
| -63.64  | 0.00000 |         |         |        |
|         | 127.28  | -70.71  | 0.00000 | 120.21 |
| -77.78  | 0.00000 |         |         |        |
|         | 116.67  | -81.32  | 0.00001 | 113.14 |
| -84.85  | 0.00001 |         |         |        |
|         | 111.02  | -86.97  | 0.00001 | 109.60 |
| -88.39  | 0.00001 |         |         |        |
|         | 108.19  | -89.80  | 0.00001 | 106.77 |
| -91.22  | 0.00001 |         |         |        |
|         | 105.36  | -92.63  | 0.00001 | 92.63  |
| -105.36 | 0.00001 |         |         |        |
|         | 91.22   | -106.77 | 0.00001 | 89.80  |
| -108.19 | 0.00001 |         |         |        |
|         | 88.39   | -109.60 | 0.00000 | 86.97  |
| -111.02 | 0.00000 |         |         |        |
|         | 84.85   | -113.14 | 0.00000 | 81.32  |
| -116.67 | 0.00000 |         |         |        |
|         | 77.78   | -120.21 | 0.00000 | 70.71  |
| -127.28 | 0.00000 |         |         |        |
|         | 63.64   | -134.35 | 0.00000 | 56.57  |
| -141.42 | 0.00000 |         |         |        |
|         | 49.50   | -148.49 | 0.00000 | 42.43  |
| -155.56 | 0.00000 |         |         |        |
|         | 35.36   | -162.63 | 0.00000 | 28.28  |
| -169.71 | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION

02035 \*\*\*  
\*\*\*

\*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound

15:11:25

Direction

\*\*\*

\*\*MODELOPTs:

CONC

URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -42.43      | 176.78      | -35.36      | 0.00000 | 169.71      |
| -56.57      | 0.00000     | -49.50      | 0.00000 | 155.56      |
| -70.71      | 162.63      | -63.64      | 0.00000 | 141.42      |
| -84.85      | 148.49      | -77.78      | 0.00000 | 127.28      |
| -91.92      | 134.35      | -88.39      | 0.00000 | 120.21      |
| -95.46      | 123.74      | -94.05      | 0.00000 | 116.67      |
| -98.29      | 118.09      | -96.87      | 0.00001 | 113.84      |
| -112.43     | 115.26      | -99.70      | 0.00001 | 99.70       |
| -115.26     | 112.43      | -113.84     | 0.00000 | 96.87       |
| -118.09     | 98.29       | -116.67     | 0.00000 | 94.05       |
| -123.74     | 95.46       | -120.21     | 0.00000 | 88.39       |
| -134.35     | 91.92       | -127.28     | 0.00000 | 77.78       |
| -148.49     | 84.85       | -141.42     | 0.00000 | 63.64       |
| -162.63     | 84.85       | -155.56     | 0.00000 | 49.50       |
| -176.78     | 70.71       | -169.71     | 0.00000 | 35.36       |
| -49.50      | 56.57       | -42.43      | 0.00000 | 176.78      |
| -63.64      | 42.43       | -56.57      | 0.00000 | 162.63      |
| -77.78      | 183.85      | -70.71      | 0.00000 | 148.49      |
| -91.92      | 169.71      | -84.85      | 0.00000 | 134.35      |
| -98.99      | 155.56      | -95.46      | 0.00000 | 127.28      |
| -102.53     | 141.42      | -101.12     | 0.00000 | 123.74      |
| -105.36     | 130.81      | -103.94     | 0.00000 | 120.92      |
|             | 125.16      |             |         |             |
|             | 122.33      |             |         |             |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| 119.50  | 0.00000 | -106.77 | 0.00000 | 106.77 |
| -119.50 | 0.00000 |         |         |        |
| 105.36  | 0.00000 | -120.92 | 0.00000 | 103.94 |
| -122.33 | 0.00000 |         |         |        |
| 102.53  | 0.00000 | -123.74 | 0.00000 | 101.12 |
| -125.16 | 0.00000 |         |         |        |
| 98.99   | 0.00000 | -127.28 | 0.00000 | 95.46  |
| -130.81 | 0.00000 |         |         |        |
| 91.92   | 0.00000 | -134.35 | 0.00000 | 84.85  |
| -141.42 | 0.00000 |         |         |        |
| 77.78   | 0.00000 | -148.49 | 0.00000 | 70.71  |
| -155.56 | 0.00000 |         |         |        |
| 63.64   | 0.00000 | -162.63 | 0.00000 | 56.57  |
| -169.71 | 0.00000 |         |         |        |
| 49.50   | 0.00000 | -176.78 | 0.00000 | 42.43  |
| -183.85 | 0.00000 |         |         |        |
| 190.92  | 0.00000 | -49.50  | 0.00000 | 183.85 |
| -56.57  | 0.00000 |         |         |        |
| 176.78  | 0.00000 | -63.64  | 0.00000 | 169.71 |
| -70.71  | 0.00000 |         |         |        |
| 162.63  | 0.00000 | -77.78  | 0.00000 | 155.56 |
| -84.85  | 0.00000 |         |         |        |
| 148.49  | 0.00000 | -91.92  | 0.00000 | 141.42 |
| -98.99  | 0.00000 |         |         |        |
| 137.89  | 0.00000 | -102.53 | 0.00000 | 134.35 |
| -106.07 | 0.00000 |         |         |        |
| 132.23  | 0.00000 | -108.19 | 0.00000 | 130.81 |
| -109.60 | 0.00000 |         |         |        |
| 129.40  | 0.00000 | -111.02 | 0.00000 | 127.99 |
| -112.43 | 0.00000 |         |         |        |
| 126.57  | 0.00000 | -113.84 | 0.00000 | 113.84 |
| -126.57 | 0.00000 |         |         |        |
| 112.43  | 0.00000 | -127.99 | 0.00000 | 111.02 |
| -129.40 | 0.00000 |         |         |        |
| 109.60  | 0.00000 | -130.81 | 0.00000 | 108.19 |
| -132.23 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -137.89     | 106.07      | -134.35     | 0.00000 | 102.53      |
|             | 0.00000     |             |         |             |
| -148.49     | 98.99       | -141.42     | 0.00000 | 91.92       |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -162.63 | 84.85   | -155.56 | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -176.78 | 70.71   | -169.71 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -190.92 | 56.57   | -183.85 | 0.00000 | 49.50  |
|         | 0.00000 |         |         |        |
| -63.64  | 197.99  | -56.57  | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -77.78  | 183.85  | -70.71  | 0.00000 | 176.78 |
|         | 0.00000 |         |         |        |
| -91.92  | 169.71  | -84.85  | 0.00000 | 162.63 |
|         | 0.00000 |         |         |        |
| -106.07 | 155.56  | -98.99  | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -113.14 | 144.96  | -109.60 | 0.00000 | 141.42 |
|         | 0.00000 |         |         |        |
| -116.67 | 139.30  | -115.26 | 0.00000 | 137.89 |
|         | 0.00000 |         |         |        |
| -119.50 | 136.47  | -118.09 | 0.00000 | 135.06 |
|         | 0.00000 |         |         |        |
| -133.64 | 133.64  | -120.92 | 0.00000 | 120.92 |
|         | 0.00000 |         |         |        |
| -136.47 | 119.50  | -135.06 | 0.00000 | 118.09 |
|         | 0.00000 |         |         |        |
| -139.30 | 116.67  | -137.89 | 0.00000 | 115.26 |
|         | 0.00000 |         |         |        |
| -144.96 | 113.14  | -141.42 | 0.00000 | 109.60 |
|         | 0.00000 |         |         |        |
| -155.56 | 106.07  | -148.49 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -169.71 | 91.92   | -162.63 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |
| -183.85 | 77.78   | -176.78 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -197.99 | 63.64   | -190.92 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -70.71  | 205.06  | -63.64  | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -84.85  | 190.92  | -77.78  | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -98.99  | 176.78  | -91.92  | 0.00000 | 169.71 |
|         | 0.00000 |         |         |        |
| -113.14 | 162.63  | -106.07 | 0.00000 | 155.56 |
|         | 0.00000 |         |         |        |
| -120.21 | 152.03  | -116.67 | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -123.74 | 146.37  | -122.33 | 0.00000 | 144.96 |
|         | 0.00000 |         |         |        |
| -126.57 | 143.54  | -125.16 | 0.00000 | 142.13 |
|         | 0.00000 |         |         |        |
| -140.71 | 140.71  | -127.99 | 0.00000 | 127.99 |
|         | 0.00000 |         |         |        |
| -143.54 | 126.57  | -142.13 | 0.00000 | 125.16 |
|         | 0.00000 |         |         |        |
| -146.37 | 123.74  | -144.96 | 0.00000 | 122.33 |
|         | 0.00000 |         |         |        |
| -152.03 | 120.21  | -148.49 | 0.00000 | 116.67 |
|         | 0.00000 |         |         |        |
| -162.63 | 113.14  | -155.56 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -176.78 | 98.99   | -169.71 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
|         | 84.85   | -183.85 | 0.00000 | 77.78  |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -190.92 | 0.00000 |         |         |        |
|         | 70.71   | -197.99 | 0.00000 | 63.64  |
| -205.06 | 0.00000 |         |         |        |
|         | 212.13  | -70.71  | 0.00000 | 205.06 |
| -77.78  | 0.00000 |         |         |        |
|         | 197.99  | -84.85  | 0.00000 | 190.92 |
| -91.92  | 0.00000 |         |         |        |
|         | 183.85  | -98.99  | 0.00000 | 176.78 |
| -106.07 | 0.00000 |         |         |        |
|         | 169.71  | -113.14 | 0.00000 | 162.63 |
| -120.21 | 0.00000 |         |         |        |
|         | 159.10  | -123.74 | 0.00000 | 155.56 |
| -127.28 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

CONC URBAN FLAT FLGPOL DFAULT  
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VALUES FOR SOURCE GROUP: NCRA\_S2  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -130.81     | 153.44      | -129.40     | 0.00000 | 152.03      |
|             | 0.00000     |             |         |             |
| -133.64     | 150.61      | -132.23     | 0.00000 | 149.20      |
|             | 0.00000     |             |         |             |
| -147.79     | 147.79      | -135.06     | 0.00000 | 135.06      |
|             | 0.00000     |             |         |             |
| -150.61     | 133.64      | -149.20     | 0.00000 | 132.23      |
|             | 0.00000     |             |         |             |
| -153.44     | 130.81      | -152.03     | 0.00000 | 129.40      |
|             | 0.00000     |             |         |             |
| -159.10     | 127.28      | -155.56     | 0.00000 | 123.74      |
|             | 0.00000     |             |         |             |
| -169.71     | 120.21      | -162.63     | 0.00000 | 113.14      |
|             | 0.00000     |             |         |             |
| -183.85     | 106.07      | -176.78     | 0.00000 | 98.99       |
|             | 0.00000     |             |         |             |
| -197.99     | 91.92       | -190.92     | 0.00000 | 84.85       |
|             | 0.00000     |             |         |             |
| -212.13     | 77.78       | -205.06     | 0.00000 | 70.71       |
|             | 0.00000     |             |         |             |
| -84.85      | 219.20      | -77.78      | 0.00000 | 212.13      |
|             | 0.00000     |             |         |             |
| -98.99      | 205.06      | -91.92      | 0.00000 | 197.99      |
|             | 0.00000     |             |         |             |
| -113.14     | 190.92      | -106.07     | 0.00000 | 183.85      |
|             | 0.00000     |             |         |             |
|             | 176.78      | -120.21     | 0.00000 | 169.71      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -127.28 | 0.00000 |         |         |        |
|         | 166.17  | -130.81 | 0.00000 | 162.63 |
| -134.35 | 0.00000 |         |         |        |
|         | 160.51  | -136.47 | 0.00000 | 159.10 |
| -137.89 | 0.00000 |         |         |        |
|         | 157.68  | -139.30 | 0.00000 | 156.27 |
| -140.71 | 0.00000 |         |         |        |
|         | 154.86  | -142.13 | 0.00000 | 142.13 |
| -154.86 | 0.00000 |         |         |        |
|         | 140.71  | -156.27 | 0.00000 | 139.30 |
| -157.68 | 0.00000 |         |         |        |
|         | 137.89  | -159.10 | 0.00000 | 136.47 |
| -160.51 | 0.00000 |         |         |        |
|         | 134.35  | -162.63 | 0.00000 | 130.81 |
| -166.17 | 0.00000 |         |         |        |
|         | 127.28  | -169.71 | 0.00000 | 120.21 |
| -176.78 | 0.00000 |         |         |        |
|         | 113.14  | -183.85 | 0.00000 | 106.07 |
| -190.92 | 0.00000 |         |         |        |
|         | 98.99   | -197.99 | 0.00000 | 91.92  |
| -205.06 | 0.00000 |         |         |        |
|         | 84.85   | -212.13 | 0.00000 | 77.78  |
| -219.20 | 0.00000 |         |         |        |
|         | 226.27  | -84.85  | 0.00000 | 219.20 |
| -91.92  | 0.00000 |         |         |        |
|         | 212.13  | -98.99  | 0.00000 | 205.06 |
| -106.07 | 0.00000 |         |         |        |
|         | 197.99  | -113.14 | 0.00000 | 190.92 |
| -120.21 | 0.00000 |         |         |        |
|         | 183.85  | -127.28 | 0.00000 | 176.78 |
| -134.35 | 0.00000 |         |         |        |
|         | 173.24  | -137.89 | 0.00000 | 169.71 |
| -141.42 | 0.00000 |         |         |        |
|         | 167.58  | -143.54 | 0.00000 | 166.17 |
| -144.96 | 0.00000 |         |         |        |
|         | 164.76  | -146.37 | 0.00000 | 163.34 |
| -147.79 | 0.00000 |         |         |        |
|         | 161.93  | -149.20 | 0.00000 | 149.20 |
| -161.93 | 0.00000 |         |         |        |
|         | 147.79  | -163.34 | 0.00000 | 146.37 |
| -164.76 | 0.00000 |         |         |        |
|         | 144.96  | -166.17 | 0.00000 | 143.54 |
| -167.58 | 0.00000 |         |         |        |
|         | 141.42  | -169.71 | 0.00000 | 137.89 |
| -173.24 | 0.00000 |         |         |        |
|         | 134.35  | -176.78 | 0.00000 | 127.28 |
| -183.85 | 0.00000 |         |         |        |
|         | 120.21  | -190.92 | 0.00000 | 113.14 |
| -197.99 | 0.00000 |         |         |        |
|         | 106.07  | -205.06 | 0.00000 | 98.99  |
| -212.13 | 0.00000 |         |         |        |
|         | 91.92   | -219.20 | 0.00000 | 84.85  |
| -226.27 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

CONC

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 URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 VALUES FOR SOURCE GROUP: NCRA\_S2 \*\*\*

INCLUDING SOURCE(S): NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF OTHER |         | IN MICROGRAMS/M**3 |         |
|-------------|-------------|------------------|---------|--------------------|---------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)      | CONC    | X-COORD (M)        | CONC    |
| -98.99      | 233.35      | -91.92           | 0.00000 | 226.27             | 0.00000 |
| -113.14     | 219.20      | -106.07          | 0.00000 | 212.13             | 0.00000 |
| -127.28     | 205.06      | -120.21          | 0.00000 | 197.99             | 0.00000 |
| -141.42     | 190.92      | -134.35          | 0.00000 | 183.85             | 0.00000 |
| -148.49     | 180.31      | -144.96          | 0.00000 | 176.78             | 0.00000 |
| -152.03     | 174.66      | -150.61          | 0.00000 | 173.24             | 0.00000 |
| -154.86     | 171.83      | -153.44          | 0.00000 | 170.41             | 0.00000 |
| -169.00     | 169.00      | -156.27          | 0.00000 | 156.27             | 0.00000 |
| -171.83     | 154.86      | -170.41          | 0.00000 | 153.44             | 0.00000 |
| -174.66     | 152.03      | -173.24          | 0.00000 | 150.61             | 0.00000 |
| -180.31     | 148.49      | -176.78          | 0.00000 | 144.96             | 0.00000 |
| -190.92     | 141.42      | -183.85          | 0.00000 | 134.35             | 0.00000 |
| -205.06     | 127.28      | -197.99          | 0.00000 | 120.21             | 0.00000 |
| -219.20     | 113.14      | -212.13          | 0.00000 | 106.07             | 0.00000 |
| -233.35     | 98.99       | -226.27          | 0.00000 | 91.92              | 0.00000 |
| -106.07     | 240.42      | -98.99           | 0.00000 | 233.35             | 0.00000 |
| -120.21     | 226.27      | -113.14          | 0.00000 | 219.20             | 0.00000 |
| -134.35     | 212.13      | -127.28          | 0.00000 | 205.06             | 0.00000 |
| -148.49     | 197.99      | -141.42          | 0.00000 | 190.92             | 0.00000 |
| -155.56     | 187.38      | -152.03          | 0.00000 | 183.85             | 0.00000 |
| -159.10     | 181.73      | -157.68          | 0.00000 | 180.31             | 0.00000 |
| -161.93     | 178.90      | -160.51          | 0.00000 | 177.48             | 0.00000 |
| -176.07     | 176.07      | -163.34          | 0.00000 | 163.34             | 0.00000 |
| -178.90     | 161.93      | -177.48          | 0.00000 | 160.51             | 0.00000 |
| -181.73     | 159.10      | -180.31          | 0.00000 | 157.68             | 0.00000 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -187.38 | 155.56  | -183.85 | 0.00000 | 152.03 |
|         | 0.00000 |         |         |        |
| -197.99 | 148.49  | -190.92 | 0.00000 | 141.42 |
|         | 0.00000 |         |         |        |
| -212.13 | 134.35  | -205.06 | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -226.27 | 120.21  | -219.20 | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -240.42 | 106.07  | -233.35 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -113.14 | 247.49  | -106.07 | 0.00000 | 240.42 |
|         | 0.00000 |         |         |        |
| -127.28 | 233.35  | -120.21 | 0.00000 | 226.27 |
|         | 0.00000 |         |         |        |
| -141.42 | 219.20  | -134.35 | 0.00000 | 212.13 |
|         | 0.00000 |         |         |        |
| -155.56 | 205.06  | -148.49 | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -162.63 | 194.45  | -159.10 | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -166.17 | 188.80  | -164.76 | 0.00000 | 187.38 |
|         | 0.00000 |         |         |        |
| -169.00 | 185.97  | -167.58 | 0.00000 | 184.55 |
|         | 0.00000 |         |         |        |
| -183.14 | 183.14  | -170.41 | 0.00000 | 170.41 |
|         | 0.00000 |         |         |        |
| -185.97 | 169.00  | -184.55 | 0.00000 | 167.58 |
|         | 0.00000 |         |         |        |
| -188.80 | 166.17  | -187.38 | 0.00000 | 164.76 |
|         | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*  
 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF OTHER IN MICROGRAMS/M**3 |             |
|-------------------------------------|-------------|
| X-COORD (M)                         | Y-COORD (M) |
| Y-COORD (M)                         | CONC        |
| -194.45                             | 162.63      |
|                                     | 0.00000     |
| -205.06                             | 155.56      |
|                                     | 0.00000     |
| -219.20                             | 141.42      |
|                                     | 0.00000     |
| -233.35                             | 127.28      |
|                                     | 0.00000     |
| -247.49                             | 113.14      |
|                                     | 0.00000     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Di recti on  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF OTHER |             | IN MICROGRAMS/M**3 |             |
|------------------|-------------|--------------------|-------------|
| Y-COORD (M)      | X-COORD (M) | Y-COORD (M)        | X-COORD (M) |
| CONC             | CONC        | CONC               | CONC        |
| 240.42           | -106.07     | 247.49             | -113.14     |
|                  | 0.00000     |                    |             |
| 226.27           | -120.21     | 233.35             | -127.28     |
|                  | 0.00000     |                    |             |
| 212.13           | -134.35     | 219.20             | -141.42     |
|                  | 0.00000     |                    |             |
| 197.99           | -148.49     | 205.06             | -155.56     |
|                  | 0.00000     |                    |             |
| 190.92           | -159.10     | 194.45             | -162.63     |
|                  | 0.00000     |                    |             |
| 187.38           | -164.76     | 188.80             | -166.17     |
|                  | 0.00000     |                    |             |
| 184.55           | -167.58     | 185.97             | -169.00     |
|                  | 0.00000     |                    |             |
| 170.41           | -170.41     | 183.14             | -183.14     |
|                  | 0.00000     |                    |             |
| 167.58           | -184.55     | 169.00             | -185.97     |
|                  | 0.00000     |                    |             |
| 164.76           | -187.38     | 166.17             | -188.80     |
|                  | 0.00000     |                    |             |
| 159.10           | -190.92     | 162.63             | -194.45     |
|                  | 0.00000     |                    |             |
| 148.49           | -197.99     | 155.56             | -205.06     |
|                  | 0.00000     |                    |             |
| 134.35           | -212.13     | 141.42             | -219.20     |
|                  | 0.00000     |                    |             |
| 120.21           | -226.27     | 127.28             | -233.35     |
|                  | 0.00000     |                    |             |
| 106.07           | -240.42     | 113.14             | -247.49     |
|                  | 0.00000     |                    |             |
| 233.35           | -98.99      | 240.42             | -106.07     |
|                  | 0.00000     |                    |             |
| 219.20           | -113.14     | 226.27             | -120.21     |
|                  | 0.00000     |                    |             |
| 205.06           | -127.28     | 212.13             | -134.35     |
|                  | 0.00000     |                    |             |
| 190.92           | -141.42     | 197.99             | -148.49     |
|                  | 0.00000     |                    |             |
| 183.85           | -152.03     | 187.38             | -155.56     |
|                  | 0.00000     |                    |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 180.31 | -157.68 | 181.73 | 0.00000 | -159.10 |
|        | 0.00000 |        |         |         |
| 177.48 | -160.51 | 178.90 | 0.00000 | -161.93 |
|        | 0.00000 |        |         |         |
| 163.34 | -163.34 | 176.07 | 0.00000 | -176.07 |
|        | 0.00000 |        |         |         |
| 160.51 | -177.48 | 161.93 | 0.00000 | -178.90 |
|        | 0.00000 |        |         |         |
| 157.68 | -180.31 | 159.10 | 0.00000 | -181.73 |
|        | 0.00000 |        |         |         |
| 152.03 | -183.85 | 155.56 | 0.00000 | -187.38 |
|        | 0.00000 |        |         |         |
| 141.42 | -190.92 | 148.49 | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |
| 127.28 | -205.06 | 134.35 | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 113.14 | -219.20 | 120.21 | 0.00000 | -226.27 |
|        | 0.00000 |        |         |         |
| 98.99  | -233.35 | 106.07 | 0.00000 | -240.42 |
|        | 0.00000 |        |         |         |
| 226.27 | -91.92  | 233.35 | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 212.13 | -106.07 | 219.20 | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 197.99 | -120.21 | 205.06 | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 183.85 | -134.35 | 190.92 | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |
| 176.78 | -144.96 | 180.31 | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 173.24 | -150.61 | 174.66 | 0.00000 | -152.03 |
|        | 0.00000 |        |         |         |
| 170.41 | -153.44 | 171.83 | 0.00000 | -154.86 |
|        | 0.00000 |        |         |         |
| 156.27 | -156.27 | 169.00 | 0.00000 | -169.00 |
|        | 0.00000 |        |         |         |
| 153.44 | -170.41 | 154.86 | 0.00000 | -171.83 |
|        | 0.00000 |        |         |         |
| 150.61 | -173.24 | 152.03 | 0.00000 | -174.66 |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 144.96 | -176.78 | 148.49 | 0.00000 | -180.31 |
|        | 0.00000 |        |         |         |
| 134.35 | -183.85 | 141.42 | 0.00000 | -190.92 |
|        | 0.00000 |        |         |         |
| 120.21 | -197.99 | 127.28 | 0.00000 | -205.06 |
|        | 0.00000 |        |         |         |
| 106.07 | -212.13 | 113.14 | 0.00000 | -219.20 |
|        | 0.00000 |        |         |         |
| 91.92  | -226.27 | 99.00  | 0.00000 | -233.35 |
|        | 0.00000 |        |         |         |
| 219.20 | -84.85  | 226.27 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| 205.06 | -98.99  | 212.13 | 0.00000 | -106.07 |
|        | 0.00000 |        |         |         |
| 190.92 | -113.14 | 197.99 | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 176.78 | -127.28 | 183.85 | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 169.71 | -137.89 | 173.24 | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |
| 166.17 | -143.54 | 167.58 | 0.00000 | -144.96 |
|        | 0.00000 |        |         |         |
| 163.34 | -146.37 | 164.76 | 0.00000 | -147.79 |
|        | 0.00000 |        |         |         |
| 149.20 | -149.20 | 161.93 | 0.00000 | -161.93 |
|        | 0.00000 |        |         |         |
| 146.37 | -163.34 | 147.79 | 0.00000 | -164.76 |
|        | 0.00000 |        |         |         |
| 143.54 | -166.17 | 144.96 | 0.00000 | -167.58 |
|        | 0.00000 |        |         |         |
| 137.89 | -169.71 | 141.42 | 0.00000 | -173.24 |
|        | 0.00000 |        |         |         |
| 127.28 | -176.78 | 134.35 | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 113.14 | -190.92 | 120.21 | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |
| 99.00  | -205.06 | 106.07 | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 84.85  | -219.20 | 91.92  | 0.00000 | -226.27 |
|        | 0.00000 |        |         |         |
| 212.13 | -77.78  | 219.20 | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 197.99 | -91.92  | 205.06 | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 183.85 | -106.07 | 190.92 | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 169.71 | -120.21 | 176.78 | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 162.63 | -130.81 | 166.17 | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 159.10 | -136.47 | 160.51 | 0.00000 | -137.89 |
|        | 0.00000 |        |         |         |
| 156.27 | -139.30 | 157.68 | 0.00000 | -140.71 |
|        | 0.00000 |        |         |         |
| 142.13 | -142.13 | 154.86 | 0.00000 | -154.86 |
|        | 0.00000 |        |         |         |
| 139.30 | -156.27 | 140.71 | 0.00000 | -157.68 |
|        | 0.00000 |        |         |         |
| 136.47 | -159.10 | 137.89 | 0.00000 | -160.51 |
|        | 0.00000 |        |         |         |
| 130.81 | -162.63 | 134.35 | 0.00000 | -166.17 |
|        | 0.00000 |        |         |         |
|        | -169.71 | 127.28 | 0.00000 | -176.78 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 120.21 | 0.00000 |        |         |         |
|        | -183.85 | 113.14 | 0.00000 | -190.92 |
| 106.07 | 0.00000 |        |         |         |
|        | -197.99 | 99.00  | 0.00000 | -205.06 |
| 91.92  | 0.00000 |        |         |         |
|        | -212.13 | 84.85  | 0.00000 | -219.20 |
| 77.78  | 0.00000 |        |         |         |
|        | -70.71  | 212.13 | 0.00000 | -77.78  |
| 205.06 | 0.00000 |        |         |         |
|        | -84.85  | 197.99 | 0.00000 | -91.92  |
| 190.92 | 0.00000 |        |         |         |
|        | -98.99  | 183.85 | 0.00000 | -106.07 |
| 176.78 | 0.00000 |        |         |         |
|        | -113.14 | 169.71 | 0.00000 | -120.21 |
| 162.63 | 0.00000 |        |         |         |
|        | -123.74 | 159.10 | 0.00000 | -127.28 |
| 155.56 | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 65  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -129.40     | 153.44      | 0.00000 | -130.81     |
| 152.03      | 0.00000     |             |         |             |
|             | -132.23     | 150.61      | 0.00000 | -133.64     |
| 149.20      | 0.00000     |             |         |             |
|             | -135.06     | 147.79      | 0.00000 | -147.79     |
| 135.06      | 0.00000     |             |         |             |
|             | -149.20     | 133.64      | 0.00000 | -150.61     |
| 132.23      | 0.00000     |             |         |             |
|             | -152.03     | 130.81      | 0.00000 | -153.44     |
| 129.40      | 0.00000     |             |         |             |
|             | -155.56     | 127.28      | 0.00000 | -159.10     |
| 123.74      | 0.00000     |             |         |             |
|             | -162.63     | 120.21      | 0.00000 | -169.71     |
| 113.14      | 0.00000     |             |         |             |
|             | -176.78     | 106.07      | 0.00000 | -183.85     |
| 98.99       | 0.00000     |             |         |             |
|             | -190.92     | 91.92       | 0.00000 | -197.99     |
| 84.85       | 0.00000     |             |         |             |
|             | -205.06     | 77.78       | 0.00000 | -212.13     |
| 70.71       | 0.00000     |             |         |             |
|             | -63.64      | 205.06      | 0.00000 | -70.71      |
| 197.99      | 0.00000     |             |         |             |
|             | -77.78      | 190.92      | 0.00000 | -84.85      |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 183.85 | 0.00000 |        |         |         |
|        | -91.92  | 176.78 | 0.00000 | -98.99  |
| 169.71 | 0.00000 |        |         |         |
|        | -106.07 | 162.63 | 0.00000 | -113.14 |
| 155.56 | 0.00000 |        |         |         |
|        | -116.67 | 152.03 | 0.00000 | -120.21 |
| 148.49 | 0.00000 |        |         |         |
|        | -122.33 | 146.37 | 0.00000 | -123.74 |
| 144.96 | 0.00000 |        |         |         |
|        | -125.16 | 143.54 | 0.00000 | -126.57 |
| 142.13 | 0.00000 |        |         |         |
|        | -127.99 | 140.71 | 0.00000 | -140.71 |
| 127.99 | 0.00000 |        |         |         |
|        | -142.13 | 126.57 | 0.00000 | -143.54 |
| 125.16 | 0.00000 |        |         |         |
|        | -144.96 | 123.74 | 0.00000 | -146.37 |
| 122.33 | 0.00000 |        |         |         |
|        | -148.49 | 120.21 | 0.00000 | -152.03 |
| 116.67 | 0.00000 |        |         |         |
|        | -155.56 | 113.14 | 0.00000 | -162.63 |
| 106.07 | 0.00000 |        |         |         |
|        | -169.71 | 98.99  | 0.00000 | -176.78 |
| 91.92  | 0.00000 |        |         |         |
|        | -183.85 | 84.85  | 0.00000 | -190.92 |
| 77.78  | 0.00000 |        |         |         |
|        | -197.99 | 70.71  | 0.00000 | -205.06 |
| 63.64  | 0.00000 |        |         |         |
|        | -56.57  | 197.99 | 0.00000 | -63.64  |
| 190.92 | 0.00000 |        |         |         |
|        | -70.71  | 183.85 | 0.00000 | -77.78  |
| 176.78 | 0.00000 |        |         |         |
|        | -84.85  | 169.71 | 0.00000 | -91.92  |
| 162.63 | 0.00000 |        |         |         |
|        | -98.99  | 155.56 | 0.00000 | -106.07 |
| 148.49 | 0.00000 |        |         |         |
|        | -109.60 | 144.96 | 0.00000 | -113.14 |
| 141.42 | 0.00000 |        |         |         |
|        | -115.26 | 139.30 | 0.00000 | -116.67 |
| 137.89 | 0.00000 |        |         |         |
|        | -118.09 | 136.47 | 0.00000 | -119.50 |
| 135.06 | 0.00000 |        |         |         |
|        | -120.92 | 133.64 | 0.00000 | -133.64 |
| 120.92 | 0.00000 |        |         |         |
|        | -135.06 | 119.50 | 0.00000 | -136.47 |
| 118.09 | 0.00000 |        |         |         |
|        | -137.89 | 116.67 | 0.00000 | -139.30 |
| 115.26 | 0.00000 |        |         |         |
|        | -141.42 | 113.14 | 0.00000 | -144.96 |
| 109.60 | 0.00000 |        |         |         |
|        | -148.49 | 106.07 | 0.00000 | -155.56 |
| 98.99  | 0.00000 |        |         |         |
|        | -162.63 | 91.92  | 0.00000 | -169.71 |
| 84.85  | 0.00000 |        |         |         |
|        | -176.78 | 77.78  | 0.00000 | -183.85 |
| 70.71  | 0.00000 |        |         |         |
|        | -190.92 | 63.64  | 0.00000 | -197.99 |
| 56.57  | 0.00000 |        |         |         |

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

\*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

Direction  
\*\*MODELOPTs:

\*\*\*

CONC 05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 183.85      | -49.50      | 190.92      | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| 169.71      | -63.64      | 176.78      | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| 155.56      | -77.78      | 162.63      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| 141.42      | -91.92      | 148.49      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 134.35      | -102.53     | 137.89      | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| 130.81      | -108.19     | 132.23      | 0.00000 | -109.60     |
|             | 0.00000     |             |         |             |
| 127.99      | -111.02     | 129.40      | 0.00000 | -112.43     |
|             | 0.00000     |             |         |             |
| 113.84      | -113.84     | 126.57      | 0.00000 | -126.57     |
|             | 0.00000     |             |         |             |
| 111.02      | -127.99     | 112.43      | 0.00000 | -129.40     |
|             | 0.00000     |             |         |             |
| 108.19      | -130.81     | 109.60      | 0.00000 | -132.23     |
|             | 0.00000     |             |         |             |
| 102.53      | -134.35     | 106.07      | 0.00000 | -137.89     |
|             | 0.00000     |             |         |             |
| 91.92       | -141.42     | 98.99       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 77.78       | -155.56     | 84.85       | 0.00000 | -162.63     |
|             | 0.00000     |             |         |             |
| 63.64       | -169.71     | 70.71       | 0.00000 | -176.78     |
|             | 0.00000     |             |         |             |
| 49.50       | -183.85     | 56.57       | 0.00000 | -190.92     |
|             | 0.00000     |             |         |             |
| 176.78      | -42.43      | 183.85      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| 162.63      | -56.57      | 169.71      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| 148.49      | -70.71      | 155.56      | 0.00000 | -77.78      |
|             | 0.00000     |             |         |             |
| 134.35      | -84.85      | 141.42      | 0.00000 | -91.92      |
|             | 0.00000     |             |         |             |
| 127.28      | -95.46      | 130.81      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 123.74      | -101.12     | 125.16      | 0.00000 | -102.53     |
|             | 0.00000     |             |         |             |
| 120.92      | -103.94     | 122.33      | 0.00000 | -105.36     |
|             | 0.00000     |             |         |             |
| 106.77      | -106.77     | 119.50      | 0.00000 | -119.50     |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 103.94 | -120.92 | 105.36 | 0.00000 | -122.33 |
|        | 0.00000 |        |         |         |
| 101.12 | -123.74 | 102.53 | 0.00000 | -125.16 |
|        | 0.00000 |        |         |         |
| 95.46  | -127.28 | 98.99  | 0.00000 | -130.81 |
|        | 0.00000 |        |         |         |
| 84.85  | -134.35 | 91.92  | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |
| 70.71  | -148.49 | 77.78  | 0.00000 | -155.56 |
|        | 0.00000 |        |         |         |
| 56.57  | -162.63 | 63.64  | 0.00000 | -169.71 |
|        | 0.00000 |        |         |         |
| 42.43  | -176.78 | 49.50  | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 169.71 | -35.36  | 176.78 | 0.00000 | -42.43  |
|        | 0.00000 |        |         |         |
| 155.56 | -49.50  | 162.63 | 0.00000 | -56.57  |
|        | 0.00000 |        |         |         |
| 141.42 | -63.64  | 148.49 | 0.00000 | -70.71  |
|        | 0.00000 |        |         |         |
| 127.28 | -77.78  | 134.35 | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 120.21 | -88.39  | 123.74 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| 116.67 | -94.05  | 118.09 | 0.00000 | -95.46  |
|        | 0.00000 |        |         |         |
| 113.84 | -96.87  | 115.26 | 0.00000 | -98.29  |
|        | 0.00000 |        |         |         |
| 99.70  | -99.70  | 112.43 | 0.00000 | -112.43 |
|        | 0.00000 |        |         |         |
| 96.87  | -113.84 | 98.29  | 0.00000 | -115.26 |
|        | 0.00000 |        |         |         |
| 94.05  | -116.67 | 95.46  | 0.00000 | -118.09 |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 67  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -120.21     | 91.92       | 0.00000 | -123.74     |
| 88.39       | 0.00000     |             |         |             |
|             | -127.28     | 84.85       | 0.00000 | -134.35     |
| 77.78       | 0.00000     |             |         |             |
|             | -141.42     | 70.71       | 0.00000 | -148.49     |
| 63.64       | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
|        | -155.56 | 56.57  | 0.00000 | -162.63 |
| 49.50  | 0.00000 |        |         |         |
|        | -169.71 | 42.43  | 0.00000 | -176.78 |
| 35.36  | 0.00000 |        |         |         |
|        | -28.28  | 169.71 | 0.00000 | -35.36  |
| 162.63 | 0.00000 |        |         |         |
|        | -42.43  | 155.56 | 0.00000 | -49.50  |
| 148.49 | 0.00000 |        |         |         |
|        | -56.57  | 141.42 | 0.00000 | -63.64  |
| 134.35 | 0.00000 |        |         |         |
|        | -70.71  | 127.28 | 0.00000 | -77.78  |
| 120.21 | 0.00000 |        |         |         |
|        | -81.32  | 116.67 | 0.00000 | -84.85  |
| 113.14 | 0.00000 |        |         |         |
|        | -86.97  | 111.02 | 0.00000 | -88.39  |
| 109.60 | 0.00000 |        |         |         |
|        | -89.80  | 108.19 | 0.00000 | -91.22  |
| 106.77 | 0.00000 |        |         |         |
|        | -92.63  | 105.36 | 0.00000 | -105.36 |
| 92.63  | 0.00000 |        |         |         |
|        | -106.77 | 91.22  | 0.00000 | -108.19 |
| 89.80  | 0.00000 |        |         |         |
|        | -109.60 | 88.39  | 0.00000 | -111.02 |
| 86.97  | 0.00000 |        |         |         |
|        | -113.14 | 84.85  | 0.00000 | -116.67 |
| 81.32  | 0.00000 |        |         |         |
|        | -120.21 | 77.78  | 0.00000 | -127.28 |
| 70.71  | 0.00000 |        |         |         |
|        | -134.35 | 63.64  | 0.00000 | -141.42 |
| 56.57  | 0.00000 |        |         |         |
|        | -148.49 | 49.50  | 0.00000 | -155.56 |
| 42.43  | 0.00000 |        |         |         |
|        | -162.63 | 35.36  | 0.00000 | -169.71 |
| 28.28  | 0.00000 |        |         |         |
|        | -21.21  | 162.63 | 0.00000 | -28.28  |
| 155.56 | 0.00000 |        |         |         |
|        | -35.36  | 148.49 | 0.00000 | -42.43  |
| 141.42 | 0.00000 |        |         |         |
|        | -49.50  | 134.35 | 0.00000 | -56.57  |
| 127.28 | 0.00000 |        |         |         |
|        | -63.64  | 120.21 | 0.00000 | -70.71  |
| 113.14 | 0.00000 |        |         |         |
|        | -74.25  | 109.60 | 0.00000 | -77.78  |
| 106.07 | 0.00000 |        |         |         |
|        | -79.90  | 103.94 | 0.00000 | -81.32  |
| 102.53 | 0.00000 |        |         |         |
|        | -82.73  | 101.12 | 0.00000 | -84.15  |
| 99.70  | 0.00000 |        |         |         |
|        | -85.56  | 98.29  | 0.00000 | -98.29  |
| 85.56  | 0.00000 |        |         |         |
|        | -99.70  | 84.15  | 0.00000 | -101.12 |
| 82.73  | 0.00000 |        |         |         |
|        | -102.53 | 81.32  | 0.00000 | -103.94 |
| 79.90  | 0.00000 |        |         |         |
|        | -106.07 | 77.78  | 0.00000 | -109.60 |
| 74.25  | 0.00000 |        |         |         |
|        | -113.14 | 70.71  | 0.00000 | -120.21 |
| 63.64  | 0.00000 |        |         |         |
|        | -127.28 | 56.57  | 0.00000 | -134.35 |
| 49.50  | 0.00000 |        |         |         |
|        | -141.42 | 42.43  | 0.00000 | -148.49 |
| 35.36  | 0.00000 |        |         |         |
|        | -155.56 | 28.28  | 0.00000 | -162.63 |

05\_13NCRA\_SRO3-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |          |         |          |         |
|---------|----------|---------|----------|---------|
| 21. 21  | 0. 00000 |         |          |         |
|         | -14. 14  | 155. 56 | 0. 00000 | -21. 21 |
| 148. 49 | 0. 00000 |         |          |         |
|         | -28. 28  | 141. 42 | 0. 00000 | -35. 36 |
| 134. 35 | 0. 00000 |         |          |         |
|         | -42. 43  | 127. 28 | 0. 00000 | -49. 50 |
| 120. 21 | 0. 00000 |         |          |         |
|         | -56. 57  | 113. 14 | 0. 00000 | -63. 64 |
| 106. 07 | 0. 00000 |         |          |         |
|         | -67. 18  | 102. 53 | 0. 00000 | -70. 71 |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC     | X-COORD (M) |
|-------------|-------------|-------------|----------|-------------|
|             | -72. 83     | 96. 87      | 0. 00000 | -74. 25     |
| 95. 46      | 0. 00000    |             |          |             |
|             | -75. 66     | 94. 05      | 0. 00000 | -77. 07     |
| 92. 63      | 0. 00000    |             |          |             |
|             | -78. 49     | 91. 22      | 0. 00000 | -91. 22     |
| 78. 49      | 0. 00000    |             |          |             |
|             | -92. 63     | 77. 07      | 0. 00000 | -94. 05     |
| 75. 66      | 0. 00000    |             |          |             |
|             | -95. 46     | 74. 25      | 0. 00000 | -96. 87     |
| 72. 83      | 0. 00000    |             |          |             |
|             | -98. 99     | 70. 71      | 0. 00000 | -102. 53    |
| 67. 18      | 0. 00000    |             |          |             |
|             | -106. 07    | 63. 64      | 0. 00000 | -113. 14    |
| 56. 57      | 0. 00000    |             |          |             |
|             | -120. 21    | 49. 50      | 0. 00000 | -127. 28    |
| 42. 43      | 0. 00000    |             |          |             |
|             | -134. 35    | 35. 36      | 0. 00000 | -141. 42    |
| 28. 28      | 0. 00000    |             |          |             |
|             | -148. 49    | 21. 21      | 0. 00000 | -155. 56    |
| 14. 14      | 0. 00000    |             |          |             |
|             | -7. 07      | 148. 49     | 0. 00000 | -14. 14     |
| 141. 42     | 0. 00000    |             |          |             |
|             | -21. 21     | 134. 35     | 0. 00000 | -28. 28     |
| 127. 28     | 0. 00000    |             |          |             |
|             | -35. 36     | 120. 21     | 0. 00000 | -42. 43     |
| 113. 14     | 0. 00000    |             |          |             |
|             | -49. 50     | 106. 07     | 0. 00000 | -56. 57     |
| 98. 99      | 0. 00000    |             |          |             |
|             | -60. 10     | 95. 46      | 0. 00000 | -63. 64     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 91.92  | 0.00000 |        |         |         |
|        | -65.76  | 89.80  | 0.00000 | -67.18  |
| 88.39  | 0.00000 |        |         |         |
|        | -68.59  | 86.97  | 0.00000 | -70.00  |
| 85.56  | 0.00000 |        |         |         |
|        | -71.42  | 84.15  | 0.00000 | -84.15  |
| 71.42  | 0.00000 |        |         |         |
|        | -85.56  | 70.00  | 0.00000 | -86.97  |
| 68.59  | 0.00000 |        |         |         |
|        | -88.39  | 67.18  | 0.00000 | -89.80  |
| 65.76  | 0.00000 |        |         |         |
|        | -91.92  | 63.64  | 0.00000 | -95.46  |
| 60.10  | 0.00000 |        |         |         |
|        | -98.99  | 56.57  | 0.00000 | -106.07 |
| 49.50  | 0.00000 |        |         |         |
|        | -113.14 | 42.43  | 0.00000 | -120.21 |
| 35.36  | 0.00000 |        |         |         |
|        | -127.28 | 28.28  | 0.00000 | -134.35 |
| 21.21  | 0.00000 |        |         |         |
|        | -141.42 | 14.14  | 0.00000 | -148.49 |
| 7.07   | 0.00000 |        |         |         |
|        | 0.00    | 141.42 | 0.00000 | -7.07   |
| 134.35 | 0.00000 |        |         |         |
|        | -14.14  | 127.28 | 0.00000 | -21.21  |
| 120.21 | 0.00000 |        |         |         |
|        | -28.28  | 113.14 | 0.00000 | -35.36  |
| 106.07 | 0.00000 |        |         |         |
|        | -42.43  | 98.99  | 0.00000 | -49.50  |
| 91.92  | 0.00000 |        |         |         |
|        | -53.03  | 88.39  | 0.00000 | -56.57  |
| 84.85  | 0.00000 |        |         |         |
|        | -58.69  | 82.73  | 0.00000 | -60.10  |
| 81.32  | 0.00000 |        |         |         |
|        | -61.52  | 79.90  | 0.00000 | -62.93  |
| 78.49  | 0.00000 |        |         |         |
|        | -64.35  | 77.07  | 0.00000 | -77.07  |
| 64.35  | 0.00000 |        |         |         |
|        | -78.49  | 62.93  | 0.00000 | -79.90  |
| 61.52  | 0.00000 |        |         |         |
|        | -81.32  | 60.10  | 0.00000 | -82.73  |
| 58.69  | 0.00000 |        |         |         |
|        | -84.85  | 56.57  | 0.00000 | -88.39  |
| 53.03  | 0.00000 |        |         |         |
|        | -91.92  | 49.50  | 0.00000 | -98.99  |
| 42.43  | 0.00000 |        |         |         |
|        | -106.07 | 35.36  | 0.00000 | -113.14 |
| 28.28  | 0.00000 |        |         |         |
|        | -120.21 | 21.21  | 0.00000 | -127.28 |
| 14.14  | 0.00000 |        |         |         |
|        | -134.35 | 7.07   | 0.00000 | -141.42 |
| 0.00   | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S3 ,  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | **          |         | ** CONC OF OTHER | IN MICROGRAMS/M**3 |
|-------------|-------------|-------------|---------|------------------|--------------------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    |                  | X-COORD (M)        |
|             | 7.07        | 134.35      | 0.00000 |                  | 0.00               |
| 127.28      | 0.00000     |             |         |                  |                    |
|             | -7.07       | 120.21      | 0.00000 |                  | -14.14             |
| 113.14      | 0.00000     |             |         |                  |                    |
|             | -21.21      | 106.07      | 0.00000 |                  | -28.28             |
| 98.99       | 0.00000     |             |         |                  |                    |
|             | -35.36      | 91.92       | 0.00000 |                  | -42.43             |
| 84.85       | 0.00000     |             |         |                  |                    |
|             | -45.96      | 81.32       | 0.00000 |                  | -49.50             |
| 77.78       | 0.00000     |             |         |                  |                    |
|             | -51.62      | 75.66       | 0.00000 |                  | -53.03             |
| 74.25       | 0.00000     |             |         |                  |                    |
|             | -54.45      | 72.83       | 0.00000 |                  | -55.86             |
| 71.42       | 0.00000     |             |         |                  |                    |
|             | -57.28      | 70.00       | 0.00000 |                  | -70.00             |
| 57.28       | 0.00000     |             |         |                  |                    |
|             | -71.42      | 55.86       | 0.00000 |                  | -72.83             |
| 54.45       | 0.00000     |             |         |                  |                    |
|             | -74.25      | 53.03       | 0.00000 |                  | -75.66             |
| 51.62       | 0.00000     |             |         |                  |                    |
|             | -77.78      | 49.50       | 0.00000 |                  | -81.32             |
| 45.96       | 0.00000     |             |         |                  |                    |
|             | -84.85      | 42.43       | 0.00000 |                  | -91.92             |
| 35.36       | 0.00000     |             |         |                  |                    |
|             | -98.99      | 28.28       | 0.00000 |                  | -106.07            |
| 21.21       | 0.00000     |             |         |                  |                    |
|             | -113.14     | 14.14       | 0.00000 |                  | -120.21            |
| 7.07        | 0.00000     |             |         |                  |                    |
|             | -127.28     | 0.00        | 0.00000 |                  | -134.35            |
| -7.07       | 0.00000     |             |         |                  |                    |
|             | 14.14       | 127.28      | 0.00000 |                  | 7.07               |
| 120.21      | 0.00000     |             |         |                  |                    |
|             | 0.00        | 113.14      | 0.00000 |                  | -7.07              |
| 106.07      | 0.00000     |             |         |                  |                    |
|             | -14.14      | 98.99       | 0.00000 |                  | -21.21             |
| 91.92       | 0.00000     |             |         |                  |                    |
|             | -28.28      | 84.85       | 0.00001 |                  | -35.36             |
| 77.78       | 0.00001     |             |         |                  |                    |
|             | -38.89      | 74.25       | 0.00001 |                  | -42.43             |
| 70.71       | 0.00001     |             |         |                  |                    |
|             | -44.55      | 68.59       | 0.00001 |                  | -45.96             |
| 67.18       | 0.00001     |             |         |                  |                    |
|             | -47.38      | 65.76       | 0.00001 |                  | -48.79             |
| 64.35       | 0.00001     |             |         |                  |                    |
|             | -50.20      | 62.93       | 0.00001 |                  | -62.93             |
| 50.20       | 0.00000     |             |         |                  |                    |
|             | -64.35      | 48.79       | 0.00000 |                  | -65.76             |
| 47.38       | 0.00000     |             |         |                  |                    |
|             | -67.18      | 45.96       | 0.00000 |                  | -68.59             |
| 44.55       | 0.00000     |             |         |                  |                    |
|             | -70.71      | 42.43       | 0.00000 |                  | -74.25             |
| 38.89       | 0.00000     |             |         |                  |                    |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 28.28  | -77.78  | 35.36  | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 14.14  | -91.92  | 21.21  | 0.00000 | -98.99  |
|        | 0.00000 |        |         |         |
| 0.00   | -106.07 | 7.07   | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| -14.14 | -120.21 | -7.07  | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 113.14 | 21.21   | 120.21 | 0.00000 | 14.14   |
|        | 0.00000 |        |         |         |
|        | 7.07    | 106.07 | 0.00000 | 0.00    |
| 98.99  | 0.00000 |        |         |         |
|        | -7.07   | 91.92  | 0.00000 | -14.14  |
| 84.85  | 0.00001 |        |         |         |
|        | -21.21  | 77.78  | 0.00001 | -28.28  |
| 70.71  | 0.00001 |        |         |         |
|        | -31.82  | 67.18  | 0.00001 | -35.36  |
| 63.64  | 0.00001 |        |         |         |
|        | -37.48  | 61.52  | 0.00001 | -38.89  |
| 60.10  | 0.00001 |        |         |         |
|        | -40.31  | 58.69  | 0.00001 | -41.72  |
| 57.28  | 0.00001 |        |         |         |
|        | -43.13  | 55.86  | 0.00001 | -55.86  |
| 43.13  | 0.00000 |        |         |         |
|        | -57.28  | 41.72  | 0.00000 | -58.69  |
| 40.31  | 0.00000 |        |         |         |
|        | -60.10  | 38.89  | 0.00000 | -61.52  |
| 37.48  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -63.64      | 35.36       | 0.00000 | -67.18      |
| 31.82       | 0.00000     |             |         |             |
|             | -70.71      | 28.28       | 0.00000 | -77.78      |
| 21.21       | 0.00000     |             |         |             |
|             | -84.85      | 14.14       | 0.00000 | -91.92      |
| 7.07        | 0.00000     |             |         |             |
|             | -98.99      | 0.00        | 0.00000 | -106.07     |
| -7.07       | 0.00000     |             |         |             |
|             | -113.14     | -14.14      | 0.00000 | -120.21     |
| -21.21      | 0.00000     |             |         |             |
|             | 28.28       | 113.14      | 0.00000 | 21.21       |
| 106.07      | 0.00000     |             |         |             |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
|        | 14.14   | 98.99  | 0.00000 | 7.07    |
| 91.92  | 0.00000 |        |         |         |
|        | 0.00    | 84.85  | 0.00000 | -7.07   |
| 77.78  | 0.00001 |        |         |         |
|        | -14.14  | 70.71  | 0.00001 | -21.21  |
| 63.64  | 0.00001 |        |         |         |
|        | -24.75  | 60.10  | 0.00001 | -28.28  |
| 56.57  | 0.00001 |        |         |         |
|        | -30.41  | 54.45  | 0.00001 | -31.82  |
| 53.03  | 0.00001 |        |         |         |
|        | -33.23  | 51.62  | 0.00001 | -34.65  |
| 50.20  | 0.00001 |        |         |         |
|        | -36.06  | 48.79  | 0.00001 | -48.79  |
| 36.06  | 0.00000 |        |         |         |
|        | -50.20  | 34.65  | 0.00000 | -51.62  |
| 33.23  | 0.00000 |        |         |         |
|        | -53.03  | 31.82  | 0.00000 | -54.45  |
| 30.41  | 0.00000 |        |         |         |
|        | -56.57  | 28.28  | 0.00000 | -60.10  |
| 24.75  | 0.00000 |        |         |         |
|        | -63.64  | 21.21  | 0.00000 | -70.71  |
| 14.14  | 0.00000 |        |         |         |
|        | -77.78  | 7.07   | 0.00000 | -84.85  |
| 0.00   | 0.00000 |        |         |         |
|        | -91.92  | -7.07  | 0.00000 | -98.99  |
| -14.14 | 0.00000 |        |         |         |
|        | -106.07 | -21.21 | 0.00000 | -113.14 |
| -28.28 | 0.00000 |        |         |         |
|        | 35.36   | 106.07 | 0.00000 | 28.28   |
| 98.99  | 0.00000 |        |         |         |
|        | 21.21   | 91.92  | 0.00000 | 14.14   |
| 84.85  | 0.00000 |        |         |         |
|        | 7.07    | 77.78  | 0.00000 | 0.00    |
| 70.71  | 0.00001 |        |         |         |
|        | -7.07   | 63.64  | 0.00001 | -14.14  |
| 56.57  | 0.00001 |        |         |         |
|        | -17.68  | 53.03  | 0.00001 | -21.21  |
| 49.50  | 0.00001 |        |         |         |
|        | -23.33  | 47.38  | 0.00001 | -24.75  |
| 45.96  | 0.00001 |        |         |         |
|        | -26.16  | 44.55  | 0.00001 | -27.58  |
| 43.13  | 0.00001 |        |         |         |
|        | -28.99  | 41.72  | 0.00001 | -41.72  |
| 28.99  | 0.00000 |        |         |         |
|        | -43.13  | 27.58  | 0.00000 | -44.55  |
| 26.16  | 0.00000 |        |         |         |
|        | -45.96  | 24.75  | 0.00000 | -47.38  |
| 23.33  | 0.00000 |        |         |         |
|        | -49.50  | 21.21  | 0.00000 | -53.03  |
| 17.68  | 0.00000 |        |         |         |
|        | -56.57  | 14.14  | 0.00000 | -63.64  |
| 7.07   | 0.00000 |        |         |         |
|        | -70.71  | 0.00   | 0.00000 | -77.78  |
| -7.07  | 0.00000 |        |         |         |
|        | -84.85  | -14.14 | 0.00000 | -91.92  |
| -21.21 | 0.00000 |        |         |         |
|        | -98.99  | -28.28 | 0.00000 | -106.07 |
| -35.36 | 0.00000 |        |         |         |
|        | 42.43   | 98.99  | 0.00000 | 35.36   |
| 91.92  | 0.00000 |        |         |         |
|        | 28.28   | 84.85  | 0.00000 | 21.21   |
| 77.78  | 0.00000 |        |         |         |
|        | 14.14   | 70.71  | 0.00001 | 7.07    |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

63.64 0.00001  
 0.00 56.57 0.00001 -7.07  
 49.50 0.00001  
 -10.61 45.96 0.00001 -14.14  
 42.43 0.00001

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

CONC

\*\*\* 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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -14.14      | -77.78      | -21.21      | 0.00000 | -84.85      |
| -28.28      | -91.92      | -35.36      | 0.00000 | -98.99      |
| -42.43      | 49.50       | 91.92       | 0.00000 | 42.43       |
| 84.85       | 35.36       | 77.78       | 0.00000 | 28.28       |
| 70.71       | 21.21       | 63.64       | 0.00001 | 14.14       |
| 56.57       | 7.07        | 49.50       | 0.00001 | 0.00        |
| 42.43       | -3.54       | 38.89       | 0.00001 | -7.07       |
| 35.36       | -9.19       | 33.23       | 0.00001 | -10.61      |
| 31.82       | -12.02      | 30.41       | 0.00002 | -13.44      |
| 28.99       | -14.85      | 27.58       | 0.00002 | -27.58      |
| 38.89       | -19.09      | 37.48       | 0.00001 | -20.51      |
| 36.06       | -21.92      | 34.65       | 0.00002 | -34.65      |
| 21.92       | -36.06      | 20.51       | 0.00000 | -37.48      |
| 19.09       | -38.89      | 17.68       | 0.00000 | -40.31      |
| 16.26       | -42.43      | 14.14       | 0.00000 | -45.96      |
| 10.61       | -49.50      | 7.07        | 0.00000 | -56.57      |
| 0.00        | -63.64      | -7.07       | 0.00000 | -70.71      |
| -14.14      | -77.78      | -21.21      | 0.00000 | -84.85      |
| -28.28      | -91.92      | -35.36      | 0.00000 | -98.99      |
| -42.43      | 49.50       | 91.92       | 0.00000 | 42.43       |
| 84.85       | 35.36       | 77.78       | 0.00000 | 28.28       |
| 70.71       | 21.21       | 63.64       | 0.00001 | 14.14       |
| 56.57       | 7.07        | 49.50       | 0.00001 | 0.00        |
| 42.43       | -3.54       | 38.89       | 0.00001 | -7.07       |
| 35.36       | -9.19       | 33.23       | 0.00001 | -10.61      |
| 31.82       | -12.02      | 30.41       | 0.00002 | -13.44      |
| 28.99       | -14.85      | 27.58       | 0.00002 | -27.58      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 14.85  | 0.00000 |        |         |        |
|        | -28.99  | 13.44  | 0.00000 | -30.41 |
| 12.02  | 0.00000 |        |         |        |
|        | -31.82  | 10.61  | 0.00000 | -33.23 |
| 9.19   | 0.00000 |        |         |        |
|        | -35.36  | 7.07   | 0.00000 | -38.89 |
| 3.54   | 0.00000 |        |         |        |
|        | -42.43  | 0.00   | 0.00000 | -49.50 |
| -7.07  | 0.00000 |        |         |        |
|        | -56.57  | -14.14 | 0.00000 | -63.64 |
| -21.21 | 0.00000 |        |         |        |
|        | -70.71  | -28.28 | 0.00000 | -77.78 |
| -35.36 | 0.00000 |        |         |        |
|        | -84.85  | -42.43 | 0.00000 | -91.92 |
| -49.50 | 0.00000 |        |         |        |
|        | 56.57   | 84.85  | 0.00000 | 49.50  |
| 77.78  | 0.00000 |        |         |        |
|        | 42.43   | 70.71  | 0.00000 | 35.36  |
| 63.64  | 0.00000 |        |         |        |
|        | 28.28   | 56.57  | 0.00001 | 21.21  |
| 49.50  | 0.00001 |        |         |        |
|        | 14.14   | 42.43  | 0.00001 | 7.07   |
| 35.36  | 0.00001 |        |         |        |
|        | 3.54    | 31.82  | 0.00001 | 0.00   |
| 28.28  | 0.00001 |        |         |        |
|        | -2.12   | 26.16  | 0.00001 | -3.54  |
| 24.75  | 0.00002 |        |         |        |
|        | -4.95   | 23.33  | 0.00002 | -6.36  |
| 21.92  | 0.00002 |        |         |        |
|        | -7.78   | 20.51  | 0.00002 | -20.51 |
| 7.78   | 0.00000 |        |         |        |
|        | -21.92  | 6.36   | 0.00000 | -23.33 |
| 4.95   | 0.00000 |        |         |        |
|        | -24.75  | 3.54   | 0.00000 | -26.16 |
| 2.12   | 0.00000 |        |         |        |
|        | -28.28  | 0.00   | 0.00000 | -31.82 |
| -3.54  | 0.00000 |        |         |        |
|        | -35.36  | -7.07  | 0.00000 | -42.43 |
| -14.14 | 0.00000 |        |         |        |
|        | -49.50  | -21.21 | 0.00000 | -56.57 |
| -28.28 | 0.00000 |        |         |        |
|        | -63.64  | -35.36 | 0.00000 | -70.71 |
| -42.43 | 0.00000 |        |         |        |
|        | -77.78  | -49.50 | 0.00000 | -84.85 |
| -56.57 | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 15:11:25

CONC PAGE 72  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 70.71       | 63.64       | 77.78       | 0.00000 | 56.57       |
| 56.57       | 49.50       | 63.64       | 0.00000 | 42.43       |
| 42.43       | 35.36       | 49.50       | 0.00000 | 28.28       |
| 28.28       | 21.21       | 35.36       | 0.00001 | 14.14       |
| 21.21       | 10.61       | 24.75       | 0.00001 | 7.07        |
| 17.68       | 4.95        | 19.09       | 0.00001 | 3.54        |
| 14.85       | 2.12        | 16.26       | 0.00002 | 0.71        |
| 0.71        | -0.71       | 13.44       | 0.00002 | -13.44      |
| -2.12       | -14.85      | -0.71       | 0.00000 | -16.26      |
| -4.95       | -17.68      | -3.54       | 0.00000 | -19.09      |
| -10.61      | -21.21      | -7.07       | 0.00000 | -24.75      |
| -21.21      | -28.28      | -14.14      | 0.00000 | -35.36      |
| -35.36      | -42.43      | -28.28      | 0.00000 | -49.50      |
| -49.50      | -56.57      | -42.43      | 0.00000 | -63.64      |
| -63.64      | -70.71      | -56.57      | 0.00000 | -77.78      |
| 63.64       | 70.71       | 70.71       | 0.00000 | 63.64       |
| 49.50       | 56.57       | 56.57       | 0.00000 | 49.50       |
| 35.36       | 42.43       | 42.43       | 0.00000 | 35.36       |
| 21.21       | 28.28       | 28.28       | 0.00001 | 21.21       |
| 14.14       | 17.68       | 17.68       | 0.00001 | 14.14       |
| 10.61       | 12.02       | 12.02       | 0.00001 | 10.61       |
| 7.78        | 9.19        | 9.19        | 0.00002 | 7.78        |
| -6.36       | 6.36        | 6.36        | 0.00002 | -6.36       |
| -9.19       | -7.78       | -7.78       | 0.00001 | -9.19       |
| -12.02      | -10.61      | -10.61      | 0.00000 | -12.02      |
| -17.68      | -14.14      | -14.14      | 0.00000 | -17.68      |
| -28.28      | -21.21      | -21.21      | 0.00000 | -28.28      |
| -42.43      | -35.36      | -35.36      | 0.00000 | -42.43      |
| -56.57      | -49.50      | -49.50      | 0.00000 | -56.57      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -70.71 | -63.64  | -63.64 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| 56.57  | 77.78   | 63.64  | 0.00000 | 70.71  |
|        | 0.00000 |        |         |        |
| 42.43  | 63.64   | 49.50  | 0.00000 | 56.57  |
|        | 0.00000 |        |         |        |
| 28.28  | 49.50   | 35.36  | 0.00000 | 42.43  |
|        | 0.00001 |        |         |        |
| 14.14  | 35.36   | 21.21  | 0.00001 | 28.28  |
|        | 0.00001 |        |         |        |
| 7.07   | 24.75   | 10.61  | 0.00001 | 21.21  |
|        | 0.00001 |        |         |        |
| 3.54   | 19.09   | 4.95   | 0.00001 | 17.68  |
|        | 0.00001 |        |         |        |
| 0.71   | 16.26   | 2.12   | 0.00001 | 14.85  |
|        | 0.00002 |        |         |        |
| -13.44 | 13.44   | -0.71  | 0.00002 | 0.71   |
|        | 0.00001 |        |         |        |
| -16.26 | -0.71   | -14.85 | 0.00001 | -2.12  |
|        | 0.00000 |        |         |        |
| -19.09 | -3.54   | -17.68 | 0.00000 | -4.95  |
|        | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -24.75      | -7.07       | -21.21      | 0.00000 | -10.61      |
|             | 0.00000     |             |         |             |
| -35.36      | -14.14      | -28.28      | 0.00000 | -21.21      |
|             | 0.00000     |             |         |             |
| -49.50      | -28.28      | -42.43      | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
| -63.64      | -42.43      | -56.57      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| -77.78      | -56.57      | -70.71      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| 49.50       | 84.85       | 56.57       | 0.00000 | 77.78       |
|             | 0.00000     |             |         |             |
| 35.36       | 70.71       | 42.43       | 0.00000 | 63.64       |
|             | 0.00000     |             |         |             |
| 21.21       | 56.57       | 28.28       | 0.00000 | 49.50       |
|             | 0.00000     |             |         |             |
| 7.07        | 42.43       | 14.14       | 0.00001 | 35.36       |
|             | 0.00001     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 0.00   | 31.82   | 3.54   | 0.00001 | 28.28  |
|        | 0.00001 |        |         |        |
| -3.54  | 26.16   | -2.12  | 0.00001 | 24.75  |
|        | 0.00001 |        |         |        |
| -6.36  | 23.33   | -4.95  | 0.00001 | 21.92  |
|        | 0.00001 |        |         |        |
| -20.51 | 20.51   | -7.78  | 0.00002 | 7.78   |
|        | 0.00001 |        |         |        |
|        | 6.36    | -21.92 | 0.00001 | 4.95   |
| -23.33 | 0.00000 |        |         |        |
|        | 3.54    | -24.75 | 0.00000 | 2.12   |
| -26.16 | 0.00000 |        |         |        |
|        | 0.00    | -28.28 | 0.00000 | -3.54  |
| -31.82 | 0.00000 |        |         |        |
|        | -7.07   | -35.36 | 0.00000 | -14.14 |
| -42.43 | 0.00000 |        |         |        |
|        | -21.21  | -49.50 | 0.00000 | -28.28 |
| -56.57 | 0.00000 |        |         |        |
|        | -35.36  | -63.64 | 0.00000 | -42.43 |
| -70.71 | 0.00000 |        |         |        |
|        | -49.50  | -77.78 | 0.00000 | -56.57 |
| -84.85 | 0.00000 |        |         |        |
|        | 91.92   | 49.50  | 0.00000 | 84.85  |
| 42.43  | 0.00000 |        |         |        |
|        | 77.78   | 35.36  | 0.00000 | 70.71  |
| 28.28  | 0.00000 |        |         |        |
|        | 63.64   | 21.21  | 0.00000 | 56.57  |
| 14.14  | 0.00000 |        |         |        |
|        | 49.50   | 7.07   | 0.00001 | 42.43  |
| 0.00   | 0.00001 |        |         |        |
|        | 38.89   | -3.54  | 0.00001 | 35.36  |
| -7.07  | 0.00001 |        |         |        |
|        | 33.23   | -9.19  | 0.00001 | 31.82  |
| -10.61 | 0.00001 |        |         |        |
|        | 30.41   | -12.02 | 0.00001 | 28.99  |
| -13.44 | 0.00001 |        |         |        |
|        | 27.58   | -14.85 | 0.00001 | 14.85  |
| -27.58 | 0.00001 |        |         |        |
|        | 13.44   | -28.99 | 0.00001 | 12.02  |
| -30.41 | 0.00001 |        |         |        |
|        | 10.61   | -31.82 | 0.00000 | 9.19   |
| -33.23 | 0.00000 |        |         |        |
|        | 7.07    | -35.36 | 0.00000 | 3.54   |
| -38.89 | 0.00000 |        |         |        |
|        | 0.00    | -42.43 | 0.00000 | -7.07  |
| -49.50 | 0.00000 |        |         |        |
|        | -14.14  | -56.57 | 0.00000 | -21.21 |
| -63.64 | 0.00000 |        |         |        |
|        | -28.28  | -70.71 | 0.00000 | -35.36 |
| -77.78 | 0.00000 |        |         |        |
|        | -42.43  | -84.85 | 0.00000 | -49.50 |
| -91.92 | 0.00000 |        |         |        |
|        | 98.99   | 42.43  | 0.00000 | 91.92  |
| 35.36  | 0.00000 |        |         |        |
|        | 84.85   | 28.28  | 0.00000 | 77.78  |
| 21.21  | 0.00000 |        |         |        |
|        | 70.71   | 14.14  | 0.00000 | 63.64  |
| 7.07   | 0.00000 |        |         |        |
|        | 56.57   | 0.00   | 0.00000 | 49.50  |
| -7.07  | 0.00001 |        |         |        |
|        | 45.96   | -10.61 | 0.00001 | 42.43  |
| -14.14 | 0.00001 |        |         |        |

\*\*\*

06/13/08

\*\*\*

Maximum train overlap at SE/NW Bound

15:11:25

Direction

\*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S3

\*\*\*

THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION

\*\*\*

INCLUDING SOURCE(S): NCRA\_S3 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -17.68      | 40.31       | -16.26      | 0.00001 | 38.89       |
| -20.51      | 37.48       | -19.09      | 0.00001 | 36.06       |
| -34.65      | 34.65       | -21.92      | 0.00001 | 21.92       |
| -37.48      | 20.51       | -36.06      | 0.00001 | 19.09       |
| -40.31      | 17.68       | -38.89      | 0.00000 | 16.26       |
| -45.96      | 14.14       | -42.43      | 0.00000 | 10.61       |
| -56.57      | 7.07        | -49.50      | 0.00000 | 0.00        |
| -70.71      | -7.07       | -63.64      | 0.00000 | -14.14      |
| -84.85      | -21.21      | -77.78      | 0.00000 | -28.28      |
| -98.99      | -35.36      | -91.92      | 0.00000 | -42.43      |
| 28.28       | 106.07      | 35.36       | 0.00000 | 98.99       |
| 14.14       | 91.92       | 21.21       | 0.00000 | 84.85       |
| 0.00        | 77.78       | 7.07        | 0.00000 | 70.71       |
| -14.14      | 63.64       | -7.07       | 0.00000 | 56.57       |
| -21.21      | 53.03       | -17.68      | 0.00001 | 49.50       |
| -24.75      | 47.38       | -23.33      | 0.00001 | 45.96       |
| -27.58      | 44.55       | -26.16      | 0.00001 | 43.13       |
| -41.72      | 41.72       | -28.99      | 0.00001 | 28.99       |
| -44.55      | 27.58       | -43.13      | 0.00001 | 26.16       |
| -47.38      | 24.75       | -45.96      | 0.00000 | 23.33       |
|             | 21.21       | -49.50      | 0.00000 | 17.68       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -53.03  | 0.00000 |         |         |        |
|         | 14.14   | -56.57  | 0.00000 | 7.07   |
| -63.64  | 0.00000 |         |         |        |
|         | 0.00    | -70.71  | 0.00000 | -7.07  |
| -77.78  | 0.00000 |         |         |        |
|         | -14.14  | -84.85  | 0.00000 | -21.21 |
| -91.92  | 0.00000 |         |         |        |
|         | -28.28  | -98.99  | 0.00000 | -35.36 |
| -106.07 | 0.00000 |         |         |        |
|         | 113.14  | 28.28   | 0.00000 | 106.07 |
| 21.21   | 0.00000 |         |         |        |
|         | 98.99   | 14.14   | 0.00000 | 91.92  |
| 7.07    | 0.00000 |         |         |        |
|         | 84.85   | 0.00    | 0.00000 | 77.78  |
| -7.07   | 0.00000 |         |         |        |
|         | 70.71   | -14.14  | 0.00000 | 63.64  |
| -21.21  | 0.00000 |         |         |        |
|         | 60.10   | -24.75  | 0.00000 | 56.57  |
| -28.28  | 0.00000 |         |         |        |
|         | 54.45   | -30.41  | 0.00000 | 53.03  |
| -31.82  | 0.00000 |         |         |        |
|         | 51.62   | -33.23  | 0.00001 | 50.20  |
| -34.65  | 0.00001 |         |         |        |
|         | 48.79   | -36.06  | 0.00001 | 36.06  |
| -48.79  | 0.00001 |         |         |        |
|         | 34.65   | -50.20  | 0.00000 | 33.23  |
| -51.62  | 0.00000 |         |         |        |
|         | 31.82   | -53.03  | 0.00000 | 30.41  |
| -54.45  | 0.00000 |         |         |        |
|         | 28.28   | -56.57  | 0.00000 | 24.75  |
| -60.10  | 0.00000 |         |         |        |
|         | 21.21   | -63.64  | 0.00000 | 14.14  |
| -70.71  | 0.00000 |         |         |        |
|         | 7.07    | -77.78  | 0.00000 | 0.00   |
| -84.85  | 0.00000 |         |         |        |
|         | -7.07   | -91.92  | 0.00000 | -14.14 |
| -98.99  | 0.00000 |         |         |        |
|         | -21.21  | -106.07 | 0.00000 | -28.28 |
| -113.14 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*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

-----  
 120.21 21.21 0.00000 113.14



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| 14.14   | 0.00000 |         |         |        |
|         | 106.07  | 7.07    | 0.00000 | 98.99  |
| 0.00    | 0.00000 |         |         |        |
|         | 91.92   | -7.07   | 0.00000 | 84.85  |
| -14.14  | 0.00000 |         |         |        |
|         | 77.78   | -21.21  | 0.00000 | 70.71  |
| -28.28  | 0.00000 |         |         |        |
|         | 67.18   | -31.82  | 0.00000 | 63.64  |
| -35.36  | 0.00000 |         |         |        |
|         | 61.52   | -37.48  | 0.00000 | 60.10  |
| -38.89  | 0.00000 |         |         |        |
|         | 58.69   | -40.31  | 0.00000 | 57.28  |
| -41.72  | 0.00000 |         |         |        |
|         | 55.86   | -43.13  | 0.00000 | 43.13  |
| -55.86  | 0.00000 |         |         |        |
|         | 41.72   | -57.28  | 0.00000 | 40.31  |
| -58.69  | 0.00000 |         |         |        |
|         | 38.89   | -60.10  | 0.00000 | 37.48  |
| -61.52  | 0.00000 |         |         |        |
|         | 35.36   | -63.64  | 0.00000 | 31.82  |
| -67.18  | 0.00000 |         |         |        |
|         | 28.28   | -70.71  | 0.00000 | 21.21  |
| -77.78  | 0.00000 |         |         |        |
|         | 14.14   | -84.85  | 0.00000 | 7.07   |
| -91.92  | 0.00000 |         |         |        |
|         | 0.00    | -98.99  | 0.00000 | -7.07  |
| -106.07 | 0.00000 |         |         |        |
|         | -14.14  | -113.14 | 0.00000 | -21.21 |
| -120.21 | 0.00000 |         |         |        |
|         | 127.28  | 14.14   | 0.00000 | 120.21 |
| 7.07    | 0.00000 |         |         |        |
|         | 113.14  | 0.00    | 0.00000 | 106.07 |
| -7.07   | 0.00000 |         |         |        |
|         | 98.99   | -14.14  | 0.00000 | 91.92  |
| -21.21  | 0.00000 |         |         |        |
|         | 84.85   | -28.28  | 0.00000 | 77.78  |
| -35.36  | 0.00000 |         |         |        |
|         | 74.25   | -38.89  | 0.00000 | 70.71  |
| -42.43  | 0.00000 |         |         |        |
|         | 68.59   | -44.55  | 0.00000 | 67.18  |
| -45.96  | 0.00000 |         |         |        |
|         | 65.76   | -47.38  | 0.00000 | 64.35  |
| -48.79  | 0.00000 |         |         |        |
|         | 62.93   | -50.20  | 0.00000 | 50.20  |
| -62.93  | 0.00000 |         |         |        |
|         | 48.79   | -64.35  | 0.00000 | 47.38  |
| -65.76  | 0.00000 |         |         |        |
|         | 45.96   | -67.18  | 0.00000 | 44.55  |
| -68.59  | 0.00000 |         |         |        |
|         | 42.43   | -70.71  | 0.00000 | 38.89  |
| -74.25  | 0.00000 |         |         |        |
|         | 35.36   | -77.78  | 0.00000 | 28.28  |
| -84.85  | 0.00000 |         |         |        |
|         | 21.21   | -91.92  | 0.00000 | 14.14  |
| -98.99  | 0.00000 |         |         |        |
|         | 7.07    | -106.07 | 0.00000 | 0.00   |
| -113.14 | 0.00000 |         |         |        |
|         | -7.07   | -120.21 | 0.00000 | -14.14 |
| -127.28 | 0.00000 |         |         |        |
|         | 134.35  | 7.07    | 0.00000 | 127.28 |
| 0.00    | 0.00000 |         |         |        |
|         | 120.21  | -7.07   | 0.00000 | 113.14 |
| -14.14  | 0.00000 |         |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |        |        |         |       |
|--------|--------|--------|---------|-------|
| -28.28 | 106.07 | -21.21 | 0.00000 | 98.99 |
| -42.43 | 91.92  | -35.36 | 0.00000 | 84.85 |
| -49.50 | 81.32  | -45.96 | 0.00000 | 77.78 |
| -53.03 | 75.66  | -51.62 | 0.00000 | 74.25 |
| -55.86 | 72.83  | -54.45 | 0.00000 | 71.42 |
| -70.00 | 70.00  | -57.28 | 0.00000 | 57.28 |
| -72.83 | 55.86  | -71.42 | 0.00000 | 54.45 |
| -75.66 | 53.03  | -74.25 | 0.00000 | 51.62 |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -81.32      | 49.50       | -77.78      | 0.00000 | 45.96       |
| -91.92      | 42.43       | -84.85      | 0.00000 | 35.36       |
| -106.07     | 28.28       | -98.99      | 0.00000 | 21.21       |
| -120.21     | 14.14       | -113.14     | 0.00000 | 7.07        |
| -134.35     | 0.00        | -127.28     | 0.00000 | -7.07       |
| -7.07       | 141.42      | 0.00        | 0.00000 | 134.35      |
| -21.21      | 127.28      | -14.14      | 0.00000 | 120.21      |
| -35.36      | 113.14      | -28.28      | 0.00000 | 106.07      |
| -49.50      | 98.99       | -42.43      | 0.00000 | 91.92       |
| -56.57      | 88.39       | -53.03      | 0.00000 | 84.85       |
| -60.10      | 82.73       | -58.69      | 0.00000 | 81.32       |
| -62.93      | 79.90       | -61.52      | 0.00000 | 78.49       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -77.07  | 77.07   | -64.35  | 0.00000 | 64.35  |
|         | 0.00000 |         |         |        |
| -79.90  | 62.93   | -78.49  | 0.00000 | 61.52  |
|         | 0.00000 |         |         |        |
| -82.73  | 60.10   | -81.32  | 0.00000 | 58.69  |
|         | 0.00000 |         |         |        |
| -88.39  | 56.57   | -84.85  | 0.00000 | 53.03  |
|         | 0.00000 |         |         |        |
| -98.99  | 49.50   | -91.92  | 0.00000 | 42.43  |
|         | 0.00000 |         |         |        |
| -113.14 | 35.36   | -106.07 | 0.00000 | 28.28  |
|         | 0.00000 |         |         |        |
| -127.28 | 21.21   | -120.21 | 0.00000 | 14.14  |
|         | 0.00000 |         |         |        |
| -141.42 | 7.07    | -134.35 | 0.00000 | 0.00   |
|         | 0.00000 |         |         |        |
| -14.14  | 148.49  | -7.07   | 0.00000 | 141.42 |
|         | 0.00000 |         |         |        |
| -28.28  | 134.35  | -21.21  | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -42.43  | 120.21  | -35.36  | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -56.57  | 106.07  | -49.50  | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -63.64  | 95.46   | -60.10  | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -67.18  | 89.80   | -65.76  | 0.00000 | 88.39  |
|         | 0.00000 |         |         |        |
| -70.00  | 86.97   | -68.59  | 0.00000 | 85.56  |
|         | 0.00000 |         |         |        |
| -84.15  | 84.15   | -71.42  | 0.00000 | 71.42  |
|         | 0.00000 |         |         |        |
| -86.97  | 70.00   | -85.56  | 0.00000 | 68.59  |
|         | 0.00000 |         |         |        |
| -89.80  | 67.18   | -88.39  | 0.00000 | 65.76  |
|         | 0.00000 |         |         |        |
| -95.46  | 63.64   | -91.92  | 0.00000 | 60.10  |
|         | 0.00000 |         |         |        |
| -106.07 | 56.57   | -98.99  | 0.00000 | 49.50  |
|         | 0.00000 |         |         |        |
| -120.21 | 42.43   | -113.14 | 0.00000 | 35.36  |
|         | 0.00000 |         |         |        |
| -134.35 | 28.28   | -127.28 | 0.00000 | 21.21  |
|         | 0.00000 |         |         |        |
| -148.49 | 14.14   | -141.42 | 0.00000 | 7.07   |
|         | 0.00000 |         |         |        |
| -21.21  | 155.56  | -14.14  | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -35.36  | 141.42  | -28.28  | 0.00000 | 134.35 |
|         | 0.00000 |         |         |        |
| -49.50  | 127.28  | -42.43  | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -63.64  | 113.14  | -56.57  | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -70.71  | 102.53  | -67.18  | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

CONC

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

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

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

|             |             | ** CONC OF OTHER |         | IN MICROGRAMS/M**3 |         |
|-------------|-------------|------------------|---------|--------------------|---------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)      | CONC    | X-COORD (M)        | CONC    |
| -74.25      | 96.87       | -72.83           | 0.00000 | 95.46              | 0.00000 |
| -77.07      | 94.05       | -75.66           | 0.00000 | 92.63              | 0.00000 |
| -91.22      | 91.22       | -78.49           | 0.00000 | 78.49              | 0.00000 |
| -94.05      | 77.07       | -92.63           | 0.00000 | 75.66              | 0.00000 |
| -96.87      | 74.25       | -95.46           | 0.00000 | 72.83              | 0.00000 |
| -102.53     | 70.71       | -98.99           | 0.00000 | 67.18              | 0.00000 |
| -113.14     | 63.64       | -106.07          | 0.00000 | 56.57              | 0.00000 |
| -127.28     | 49.50       | -120.21          | 0.00000 | 42.43              | 0.00000 |
| -141.42     | 35.36       | -134.35          | 0.00000 | 28.28              | 0.00000 |
| -155.56     | 21.21       | -148.49          | 0.00000 | 14.14              | 0.00000 |
| -28.28      | 162.63      | -21.21           | 0.00000 | 155.56             | 0.00000 |
| -42.43      | 148.49      | -35.36           | 0.00000 | 141.42             | 0.00000 |
| -56.57      | 134.35      | -49.50           | 0.00000 | 127.28             | 0.00000 |
| -70.71      | 120.21      | -63.64           | 0.00000 | 113.14             | 0.00000 |
| -77.78      | 109.60      | -74.25           | 0.00000 | 106.07             | 0.00000 |
| -81.32      | 103.94      | -79.90           | 0.00000 | 102.53             | 0.00000 |
| -84.15      | 101.12      | -82.73           | 0.00000 | 99.70              | 0.00000 |
| -98.29      | 98.29       | -85.56           | 0.00000 | 85.56              | 0.00000 |
| -101.12     | 84.15       | -99.70           | 0.00000 | 82.73              | 0.00000 |
| -103.94     | 81.32       | -102.53          | 0.00000 | 79.90              | 0.00000 |
| -109.60     | 77.78       | -106.07          | 0.00000 | 74.25              | 0.00000 |
| -120.21     | 70.71       | -113.14          | 0.00000 | 63.64              | 0.00000 |
| -134.35     | 56.57       | -127.28          | 0.00000 | 49.50              | 0.00000 |
|             | 42.43       | -141.42          | 0.00000 | 35.36              | 0.00000 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -148.49 | 0.00000 |         |         |        |
|         | 28.28   | -155.56 | 0.00000 | 21.21  |
| -162.63 | 0.00000 |         |         |        |
|         | 169.71  | -28.28  | 0.00000 | 162.63 |
| -35.36  | 0.00000 |         |         |        |
|         | 155.56  | -42.43  | 0.00000 | 148.49 |
| -49.50  | 0.00000 |         |         |        |
|         | 141.42  | -56.57  | 0.00000 | 134.35 |
| -63.64  | 0.00000 |         |         |        |
|         | 127.28  | -70.71  | 0.00000 | 120.21 |
| -77.78  | 0.00000 |         |         |        |
|         | 116.67  | -81.32  | 0.00000 | 113.14 |
| -84.85  | 0.00000 |         |         |        |
|         | 111.02  | -86.97  | 0.00000 | 109.60 |
| -88.39  | 0.00000 |         |         |        |
|         | 108.19  | -89.80  | 0.00000 | 106.77 |
| -91.22  | 0.00000 |         |         |        |
|         | 105.36  | -92.63  | 0.00000 | 92.63  |
| -105.36 | 0.00000 |         |         |        |
|         | 91.22   | -106.77 | 0.00000 | 89.80  |
| -108.19 | 0.00000 |         |         |        |
|         | 88.39   | -109.60 | 0.00000 | 86.97  |
| -111.02 | 0.00000 |         |         |        |
|         | 84.85   | -113.14 | 0.00000 | 81.32  |
| -116.67 | 0.00000 |         |         |        |
|         | 77.78   | -120.21 | 0.00000 | 70.71  |
| -127.28 | 0.00000 |         |         |        |
|         | 63.64   | -134.35 | 0.00000 | 56.57  |
| -141.42 | 0.00000 |         |         |        |
|         | 49.50   | -148.49 | 0.00000 | 42.43  |
| -155.56 | 0.00000 |         |         |        |
|         | 35.36   | -162.63 | 0.00000 | 28.28  |
| -169.71 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -42.43      | 176.78      | -35.36      | 0.00000 | 169.71      |
|             | 0.00000     |             |         |             |
| -56.57      | 162.63      | -49.50      | 0.00000 | 155.56      |
|             | 0.00000     |             |         |             |
| -70.71      | 148.49      | -63.64      | 0.00000 | 141.42      |
|             | 0.00000     |             |         |             |
|             | 134.35      | -77.78      | 0.00000 | 127.28      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -84.85  | 0.00000 |         |         |        |
|         | 123.74  | -88.39  | 0.00000 | 120.21 |
| -91.92  | 0.00000 |         |         |        |
|         | 118.09  | -94.05  | 0.00000 | 116.67 |
| -95.46  | 0.00000 |         |         |        |
|         | 115.26  | -96.87  | 0.00000 | 113.84 |
| -98.29  | 0.00000 |         |         |        |
|         | 112.43  | -99.70  | 0.00000 | 99.70  |
| -112.43 | 0.00000 |         |         |        |
|         | 98.29   | -113.84 | 0.00000 | 96.87  |
| -115.26 | 0.00000 |         |         |        |
|         | 95.46   | -116.67 | 0.00000 | 94.05  |
| -118.09 | 0.00000 |         |         |        |
|         | 91.92   | -120.21 | 0.00000 | 88.39  |
| -123.74 | 0.00000 |         |         |        |
|         | 84.85   | -127.28 | 0.00000 | 77.78  |
| -134.35 | 0.00000 |         |         |        |
|         | 70.71   | -141.42 | 0.00000 | 63.64  |
| -148.49 | 0.00000 |         |         |        |
|         | 56.57   | -155.56 | 0.00000 | 49.50  |
| -162.63 | 0.00000 |         |         |        |
|         | 42.43   | -169.71 | 0.00000 | 35.36  |
| -176.78 | 0.00000 |         |         |        |
|         | 183.85  | -42.43  | 0.00000 | 176.78 |
| -49.50  | 0.00000 |         |         |        |
|         | 169.71  | -56.57  | 0.00000 | 162.63 |
| -63.64  | 0.00000 |         |         |        |
|         | 155.56  | -70.71  | 0.00000 | 148.49 |
| -77.78  | 0.00000 |         |         |        |
|         | 141.42  | -84.85  | 0.00000 | 134.35 |
| -91.92  | 0.00000 |         |         |        |
|         | 130.81  | -95.46  | 0.00000 | 127.28 |
| -98.99  | 0.00000 |         |         |        |
|         | 125.16  | -101.12 | 0.00000 | 123.74 |
| -102.53 | 0.00000 |         |         |        |
|         | 122.33  | -103.94 | 0.00000 | 120.92 |
| -105.36 | 0.00000 |         |         |        |
|         | 119.50  | -106.77 | 0.00000 | 106.77 |
| -119.50 | 0.00000 |         |         |        |
|         | 105.36  | -120.92 | 0.00000 | 103.94 |
| -122.33 | 0.00000 |         |         |        |
|         | 102.53  | -123.74 | 0.00000 | 101.12 |
| -125.16 | 0.00000 |         |         |        |
|         | 98.99   | -127.28 | 0.00000 | 95.46  |
| -130.81 | 0.00000 |         |         |        |
|         | 91.92   | -134.35 | 0.00000 | 84.85  |
| -141.42 | 0.00000 |         |         |        |
|         | 77.78   | -148.49 | 0.00000 | 70.71  |
| -155.56 | 0.00000 |         |         |        |
|         | 63.64   | -162.63 | 0.00000 | 56.57  |
| -169.71 | 0.00000 |         |         |        |
|         | 49.50   | -176.78 | 0.00000 | 42.43  |
| -183.85 | 0.00000 |         |         |        |
|         | 190.92  | -49.50  | 0.00000 | 183.85 |
| -56.57  | 0.00000 |         |         |        |
|         | 176.78  | -63.64  | 0.00000 | 169.71 |
| -70.71  | 0.00000 |         |         |        |
|         | 162.63  | -77.78  | 0.00000 | 155.56 |
| -84.85  | 0.00000 |         |         |        |
|         | 148.49  | -91.92  | 0.00000 | 141.42 |
| -98.99  | 0.00000 |         |         |        |
|         | 137.89  | -102.53 | 0.00000 | 134.35 |
| -106.07 | 0.00000 |         |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -109.60 | 132.23  | -108.19 | 0.00000 | 130.81 |
|         | 0.00000 |         |         |        |
| -112.43 | 129.40  | -111.02 | 0.00000 | 127.99 |
|         | 0.00000 |         |         |        |
| -126.57 | 126.57  | -113.84 | 0.00000 | 113.84 |
|         | 0.00000 |         |         |        |
| -129.40 | 112.43  | -127.99 | 0.00000 | 111.02 |
|         | 0.00000 |         |         |        |
| -132.23 | 109.60  | -130.81 | 0.00000 | 108.19 |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

PAGE 79  
 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -137.89     | 106.07      | -134.35     | 0.00000 | 102.53      |
|             | 0.00000     |             |         |             |
| -148.49     | 98.99       | -141.42     | 0.00000 | 91.92       |
|             | 0.00000     |             |         |             |
| -162.63     | 84.85       | -155.56     | 0.00000 | 77.78       |
|             | 0.00000     |             |         |             |
| -176.78     | 70.71       | -169.71     | 0.00000 | 63.64       |
|             | 0.00000     |             |         |             |
| -190.92     | 56.57       | -183.85     | 0.00000 | 49.50       |
|             | 0.00000     |             |         |             |
| -63.64      | 197.99      | -56.57      | 0.00000 | 190.92      |
|             | 0.00000     |             |         |             |
| -77.78      | 183.85      | -70.71      | 0.00000 | 176.78      |
|             | 0.00000     |             |         |             |
| -91.92      | 169.71      | -84.85      | 0.00000 | 162.63      |
|             | 0.00000     |             |         |             |
| -106.07     | 155.56      | -98.99      | 0.00000 | 148.49      |
|             | 0.00000     |             |         |             |
| -113.14     | 144.96      | -109.60     | 0.00000 | 141.42      |
|             | 0.00000     |             |         |             |
| -116.67     | 139.30      | -115.26     | 0.00000 | 137.89      |
|             | 0.00000     |             |         |             |
| -119.50     | 136.47      | -118.09     | 0.00000 | 135.06      |
|             | 0.00000     |             |         |             |
| -133.64     | 133.64      | -120.92     | 0.00000 | 120.92      |
|             | 0.00000     |             |         |             |
| -136.47     | 119.50      | -135.06     | 0.00000 | 118.09      |
|             | 0.00000     |             |         |             |
| -139.30     | 116.67      | -137.89     | 0.00000 | 115.26      |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -144.96 | 113.14  | -141.42 | 0.00000 | 109.60 |
|         | 0.00000 |         |         |        |
| -155.56 | 106.07  | -148.49 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -169.71 | 91.92   | -162.63 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |
| -183.85 | 77.78   | -176.78 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -197.99 | 63.64   | -190.92 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -70.71  | 205.06  | -63.64  | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -84.85  | 190.92  | -77.78  | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -98.99  | 176.78  | -91.92  | 0.00000 | 169.71 |
|         | 0.00000 |         |         |        |
| -113.14 | 162.63  | -106.07 | 0.00000 | 155.56 |
|         | 0.00000 |         |         |        |
| -120.21 | 152.03  | -116.67 | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -123.74 | 146.37  | -122.33 | 0.00000 | 144.96 |
|         | 0.00000 |         |         |        |
| -126.57 | 143.54  | -125.16 | 0.00000 | 142.13 |
|         | 0.00000 |         |         |        |
| -140.71 | 140.71  | -127.99 | 0.00000 | 127.99 |
|         | 0.00000 |         |         |        |
| -143.54 | 126.57  | -142.13 | 0.00000 | 125.16 |
|         | 0.00000 |         |         |        |
| -146.37 | 123.74  | -144.96 | 0.00000 | 122.33 |
|         | 0.00000 |         |         |        |
| -152.03 | 120.21  | -148.49 | 0.00000 | 116.67 |
|         | 0.00000 |         |         |        |
| -162.63 | 113.14  | -155.56 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -176.78 | 98.99   | -169.71 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -190.92 | 84.85   | -183.85 | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -205.06 | 70.71   | -197.99 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -77.78  | 212.13  | -70.71  | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -91.92  | 197.99  | -84.85  | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -106.07 | 183.85  | -98.99  | 0.00000 | 176.78 |
|         | 0.00000 |         |         |        |
| -120.21 | 169.71  | -113.14 | 0.00000 | 162.63 |
|         | 0.00000 |         |         |        |
| -127.28 | 159.10  | -123.74 | 0.00000 | 155.56 |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

Direction  
\*\*MODELOPTS:

PAGE 80  
URBAN FLAT FLGPOL DFAULT

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



\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -130.81     | 153.44      | -129.40     | 0.00000 | 152.03      |
| -133.64     | 150.61      | -132.23     | 0.00000 | 149.20      |
| -147.79     | 147.79      | -135.06     | 0.00000 | 135.06      |
| -150.61     | 133.64      | -149.20     | 0.00000 | 132.23      |
| -153.44     | 130.81      | -152.03     | 0.00000 | 129.40      |
| -159.10     | 127.28      | -155.56     | 0.00000 | 123.74      |
| -169.71     | 120.21      | -162.63     | 0.00000 | 113.14      |
| -183.85     | 106.07      | -176.78     | 0.00000 | 98.99       |
| -197.99     | 91.92       | -190.92     | 0.00000 | 84.85       |
| -212.13     | 77.78       | -205.06     | 0.00000 | 70.71       |
| -84.85      | 219.20      | -77.78      | 0.00000 | 212.13      |
| -98.99      | 205.06      | -91.92      | 0.00000 | 197.99      |
| -113.14     | 190.92      | -106.07     | 0.00000 | 183.85      |
| -127.28     | 176.78      | -120.21     | 0.00000 | 169.71      |
| -134.35     | 166.17      | -130.81     | 0.00000 | 162.63      |
| -137.89     | 160.51      | -136.47     | 0.00000 | 159.10      |
| -140.71     | 157.68      | -139.30     | 0.00000 | 156.27      |
| -154.86     | 154.86      | -142.13     | 0.00000 | 142.13      |
| -157.68     | 140.71      | -156.27     | 0.00000 | 139.30      |
| -160.51     | 137.89      | -159.10     | 0.00000 | 136.47      |
| -166.17     | 134.35      | -162.63     | 0.00000 | 130.81      |
| -176.78     | 127.28      | -169.71     | 0.00000 | 120.21      |
| -190.92     | 113.14      | -183.85     | 0.00000 | 106.07      |
| -205.06     | 98.99       | -197.99     | 0.00000 | 91.92       |
| -219.20     | 84.85       | -212.13     | 0.00000 | 77.78       |
| -91.92      | 226.27      | -84.85      | 0.00000 | 219.20      |
|             | 212.13      | -98.99      | 0.00000 | 205.06      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -106.07 | 0.00000 |         |         |        |
|         | 197.99  | -113.14 | 0.00000 | 190.92 |
| -120.21 | 0.00000 |         |         |        |
|         | 183.85  | -127.28 | 0.00000 | 176.78 |
| -134.35 | 0.00000 |         |         |        |
|         | 173.24  | -137.89 | 0.00000 | 169.71 |
| -141.42 | 0.00000 |         |         |        |
|         | 167.58  | -143.54 | 0.00000 | 166.17 |
| -144.96 | 0.00000 |         |         |        |
|         | 164.76  | -146.37 | 0.00000 | 163.34 |
| -147.79 | 0.00000 |         |         |        |
|         | 161.93  | -149.20 | 0.00000 | 149.20 |
| -161.93 | 0.00000 |         |         |        |
|         | 147.79  | -163.34 | 0.00000 | 146.37 |
| -164.76 | 0.00000 |         |         |        |
|         | 144.96  | -166.17 | 0.00000 | 143.54 |
| -167.58 | 0.00000 |         |         |        |
|         | 141.42  | -169.71 | 0.00000 | 137.89 |
| -173.24 | 0.00000 |         |         |        |
|         | 134.35  | -176.78 | 0.00000 | 127.28 |
| -183.85 | 0.00000 |         |         |        |
|         | 120.21  | -190.92 | 0.00000 | 113.14 |
| -197.99 | 0.00000 |         |         |        |
|         | 106.07  | -205.06 | 0.00000 | 98.99  |
| -212.13 | 0.00000 |         |         |        |
|         | 91.92   | -219.20 | 0.00000 | 84.85  |
| -226.27 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

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

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -98.99      | 233.35      | -91.92      | 0.00000 | 226.27      |
|             | 0.00000     |             |         |             |
| -113.14     | 219.20      | -106.07     | 0.00000 | 212.13      |
|             | 0.00000     |             |         |             |
| -127.28     | 205.06      | -120.21     | 0.00000 | 197.99      |
|             | 0.00000     |             |         |             |
| -141.42     | 190.92      | -134.35     | 0.00000 | 183.85      |
|             | 0.00000     |             |         |             |
| -148.49     | 180.31      | -144.96     | 0.00000 | 176.78      |
|             | 0.00000     |             |         |             |
| -152.03     | 174.66      | -150.61     | 0.00000 | 173.24      |
|             | 0.00000     |             |         |             |
|             | 171.83      | -153.44     | 0.00000 | 170.41      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -154.86 | 0.00000 |         |         |        |
|         | 169.00  | -156.27 | 0.00000 | 156.27 |
| -169.00 | 0.00000 |         |         |        |
|         | 154.86  | -170.41 | 0.00000 | 153.44 |
| -171.83 | 0.00000 |         |         |        |
|         | 152.03  | -173.24 | 0.00000 | 150.61 |
| -174.66 | 0.00000 |         |         |        |
|         | 148.49  | -176.78 | 0.00000 | 144.96 |
| -180.31 | 0.00000 |         |         |        |
|         | 141.42  | -183.85 | 0.00000 | 134.35 |
| -190.92 | 0.00000 |         |         |        |
|         | 127.28  | -197.99 | 0.00000 | 120.21 |
| -205.06 | 0.00000 |         |         |        |
|         | 113.14  | -212.13 | 0.00000 | 106.07 |
| -219.20 | 0.00000 |         |         |        |
|         | 98.99   | -226.27 | 0.00000 | 91.92  |
| -233.35 | 0.00000 |         |         |        |
|         | 240.42  | -98.99  | 0.00000 | 233.35 |
| -106.07 | 0.00000 |         |         |        |
|         | 226.27  | -113.14 | 0.00000 | 219.20 |
| -120.21 | 0.00000 |         |         |        |
|         | 212.13  | -127.28 | 0.00000 | 205.06 |
| -134.35 | 0.00000 |         |         |        |
|         | 197.99  | -141.42 | 0.00000 | 190.92 |
| -148.49 | 0.00000 |         |         |        |
|         | 187.38  | -152.03 | 0.00000 | 183.85 |
| -155.56 | 0.00000 |         |         |        |
|         | 181.73  | -157.68 | 0.00000 | 180.31 |
| -159.10 | 0.00000 |         |         |        |
|         | 178.90  | -160.51 | 0.00000 | 177.48 |
| -161.93 | 0.00000 |         |         |        |
|         | 176.07  | -163.34 | 0.00000 | 163.34 |
| -176.07 | 0.00000 |         |         |        |
|         | 161.93  | -177.48 | 0.00000 | 160.51 |
| -178.90 | 0.00000 |         |         |        |
|         | 159.10  | -180.31 | 0.00000 | 157.68 |
| -181.73 | 0.00000 |         |         |        |
|         | 155.56  | -183.85 | 0.00000 | 152.03 |
| -187.38 | 0.00000 |         |         |        |
|         | 148.49  | -190.92 | 0.00000 | 141.42 |
| -197.99 | 0.00000 |         |         |        |
|         | 134.35  | -205.06 | 0.00000 | 127.28 |
| -212.13 | 0.00000 |         |         |        |
|         | 120.21  | -219.20 | 0.00000 | 113.14 |
| -226.27 | 0.00000 |         |         |        |
|         | 106.07  | -233.35 | 0.00000 | 98.99  |
| -240.42 | 0.00000 |         |         |        |
|         | 247.49  | -106.07 | 0.00000 | 240.42 |
| -113.14 | 0.00000 |         |         |        |
|         | 233.35  | -120.21 | 0.00000 | 226.27 |
| -127.28 | 0.00000 |         |         |        |
|         | 219.20  | -134.35 | 0.00000 | 212.13 |
| -141.42 | 0.00000 |         |         |        |
|         | 205.06  | -148.49 | 0.00000 | 197.99 |
| -155.56 | 0.00000 |         |         |        |
|         | 194.45  | -159.10 | 0.00000 | 190.92 |
| -162.63 | 0.00000 |         |         |        |
|         | 188.80  | -164.76 | 0.00000 | 187.38 |
| -166.17 | 0.00000 |         |         |        |
|         | 185.97  | -167.58 | 0.00000 | 184.55 |
| -169.00 | 0.00000 |         |         |        |
|         | 183.14  | -170.41 | 0.00000 | 170.41 |
| -183.14 | 0.00000 |         |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 169.00 -184.55 0.00000 167.58  
 -185.97 0.00000  
 166.17 -187.38 0.00000 164.76  
 -188.80 0.00000  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25  
 Direction \*\*\*  
 \*\*MODELOPTs:  
 PAGE 82  
 CONC URBAN FLAT FLGPOL DFAULT

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

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -194.45     | 162.63      | -190.92     | 0.00000 | 159.10      |
| -205.06     | 155.56      | -197.99     | 0.00000 | 148.49      |
| -219.20     | 141.42      | -212.13     | 0.00000 | 134.35      |
| -233.35     | 127.28      | -226.27     | 0.00000 | 120.21      |
| -247.49     | 113.14      | -240.42     | 0.00000 | 106.07      |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25  
 Direction \*\*\*  
 \*\*MODELOPTs:  
 PAGE 83  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: NCRA\_S4 INCLUDING SOURCE(S): NCRA\_S4 ,  
 \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 240.42      | -106.07     | 247.49      | 0.00000 | -113.14     |
|             | 0.00000     |             |         |             |
|             | -120.21     | 233.35      | 0.00000 | -127.28     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 226.27 | 0.00000 |        |         |         |
|        | -134.35 | 219.20 | 0.00000 | -141.42 |
| 212.13 | 0.00000 |        |         |         |
|        | -148.49 | 205.06 | 0.00000 | -155.56 |
| 197.99 | 0.00000 |        |         |         |
|        | -159.10 | 194.45 | 0.00000 | -162.63 |
| 190.92 | 0.00000 |        |         |         |
|        | -164.76 | 188.80 | 0.00000 | -166.17 |
| 187.38 | 0.00000 |        |         |         |
|        | -167.58 | 185.97 | 0.00000 | -169.00 |
| 184.55 | 0.00000 |        |         |         |
|        | -170.41 | 183.14 | 0.00000 | -183.14 |
| 170.41 | 0.00000 |        |         |         |
|        | -184.55 | 169.00 | 0.00000 | -185.97 |
| 167.58 | 0.00000 |        |         |         |
|        | -187.38 | 166.17 | 0.00000 | -188.80 |
| 164.76 | 0.00000 |        |         |         |
|        | -190.92 | 162.63 | 0.00000 | -194.45 |
| 159.10 | 0.00000 |        |         |         |
|        | -197.99 | 155.56 | 0.00000 | -205.06 |
| 148.49 | 0.00000 |        |         |         |
|        | -212.13 | 141.42 | 0.00000 | -219.20 |
| 134.35 | 0.00000 |        |         |         |
|        | -226.27 | 127.28 | 0.00000 | -233.35 |
| 120.21 | 0.00000 |        |         |         |
|        | -240.42 | 113.14 | 0.00000 | -247.49 |
| 106.07 | 0.00000 |        |         |         |
|        | -98.99  | 240.42 | 0.00000 | -106.07 |
| 233.35 | 0.00000 |        |         |         |
|        | -113.14 | 226.27 | 0.00000 | -120.21 |
| 219.20 | 0.00000 |        |         |         |
|        | -127.28 | 212.13 | 0.00000 | -134.35 |
| 205.06 | 0.00000 |        |         |         |
|        | -141.42 | 197.99 | 0.00000 | -148.49 |
| 190.92 | 0.00000 |        |         |         |
|        | -152.03 | 187.38 | 0.00000 | -155.56 |
| 183.85 | 0.00000 |        |         |         |
|        | -157.68 | 181.73 | 0.00000 | -159.10 |
| 180.31 | 0.00000 |        |         |         |
|        | -160.51 | 178.90 | 0.00000 | -161.93 |
| 177.48 | 0.00000 |        |         |         |
|        | -163.34 | 176.07 | 0.00000 | -176.07 |
| 163.34 | 0.00000 |        |         |         |
|        | -177.48 | 161.93 | 0.00000 | -178.90 |
| 160.51 | 0.00000 |        |         |         |
|        | -180.31 | 159.10 | 0.00000 | -181.73 |
| 157.68 | 0.00000 |        |         |         |
|        | -183.85 | 155.56 | 0.00000 | -187.38 |
| 152.03 | 0.00000 |        |         |         |
|        | -190.92 | 148.49 | 0.00000 | -197.99 |
| 141.42 | 0.00000 |        |         |         |
|        | -205.06 | 134.35 | 0.00000 | -212.13 |
| 127.28 | 0.00000 |        |         |         |
|        | -219.20 | 120.21 | 0.00000 | -226.27 |
| 113.14 | 0.00000 |        |         |         |
|        | -233.35 | 106.07 | 0.00000 | -240.42 |
| 98.99  | 0.00000 |        |         |         |
|        | -91.92  | 233.35 | 0.00000 | -98.99  |
| 226.27 | 0.00000 |        |         |         |
|        | -106.07 | 219.20 | 0.00000 | -113.14 |
| 212.13 | 0.00000 |        |         |         |
|        | -120.21 | 205.06 | 0.00000 | -127.28 |
| 197.99 | 0.00000 |        |         |         |

| 05_13NCRA_SR03-300_ACROLEIN_TRAV_ANN_SE-NW_BOUND_CORRECTED |         |        |         |         |
|--|---------|--------|---------|---------|
| 183.85   | -134.35 | 190.92 | 0.00000 | -141.42 |
|  | 0.00000 |        |         |         |
| 176.78   | -144.96 | 180.31 | 0.00000 | -148.49 |
|  | 0.00000 |        |         |         |
| 173.24   | -150.61 | 174.66 | 0.00000 | -152.03 |
|  | 0.00000 |        |         |         |
| 170.41   | -153.44 | 171.83 | 0.00000 | -154.86 |
|  | 0.00000 |        |         |         |
| 156.27   | -156.27 | 169.00 | 0.00000 | -169.00 |
|  | 0.00000 |        |         |         |
| 153.44   | -170.41 | 154.86 | 0.00000 | -171.83 |
|  | 0.00000 |        |         |         |
| 150.61   | -173.24 | 152.03 | 0.00000 | -174.66 |
|  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

| ** CONC OF OTHER IN MICROGRAMS/M**3 |             |             |         |             |
|-------------------------------------|-------------|-------------|---------|-------------|
| Y-COORD (M)                         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|                                     | -176.78     | 148.49      | 0.00000 | -180.31     |
| 144.96                              | 0.00000     |             |         |             |
|                                     | -183.85     | 141.42      | 0.00000 | -190.92     |
| 134.35                              | 0.00000     |             |         |             |
|                                     | -197.99     | 127.28      | 0.00000 | -205.06     |
| 120.21                              | 0.00000     |             |         |             |
|                                     | -212.13     | 113.14      | 0.00000 | -219.20     |
| 106.07                              | 0.00000     |             |         |             |
|                                     | -226.27     | 99.00       | 0.00000 | -233.35     |
| 91.92                               | 0.00000     |             |         |             |
|                                     | -84.85      | 226.27      | 0.00000 | -91.92      |
| 219.20                              | 0.00000     |             |         |             |
|                                     | -98.99      | 212.13      | 0.00000 | -106.07     |
| 205.06                              | 0.00000     |             |         |             |
|                                     | -113.14     | 197.99      | 0.00000 | -120.21     |
| 190.92                              | 0.00000     |             |         |             |
|                                     | -127.28     | 183.85      | 0.00000 | -134.35     |
| 176.78                              | 0.00000     |             |         |             |
|                                     | -137.89     | 173.24      | 0.00000 | -141.42     |
| 169.71                              | 0.00000     |             |         |             |
|                                     | -143.54     | 167.58      | 0.00000 | -144.96     |
| 166.17                              | 0.00000     |             |         |             |
|                                     | -146.37     | 164.76      | 0.00000 | -147.79     |
| 163.34                              | 0.00000     |             |         |             |
|                                     | -149.20     | 161.93      | 0.00000 | -161.93     |
| 149.20                              | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 146.37 | -163.34 | 147.79 | 0.00000 | -164.76 |
|        | 0.00000 |        |         |         |
| 143.54 | -166.17 | 144.96 | 0.00000 | -167.58 |
|        | 0.00000 |        |         |         |
| 137.89 | -169.71 | 141.42 | 0.00000 | -173.24 |
|        | 0.00000 |        |         |         |
| 127.28 | -176.78 | 134.35 | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 113.14 | -190.92 | 120.21 | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |
| 99.00  | -205.06 | 106.07 | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 84.85  | -219.20 | 91.92  | 0.00000 | -226.27 |
|        | 0.00000 |        |         |         |
|        | -77.78  | 219.20 | 0.00000 | -84.85  |
| 212.13 | 0.00000 |        |         |         |
|        | -91.92  | 205.06 | 0.00000 | -98.99  |
| 197.99 | 0.00000 |        |         |         |
|        | -106.07 | 190.92 | 0.00000 | -113.14 |
| 183.85 | 0.00000 |        |         |         |
|        | -120.21 | 176.78 | 0.00000 | -127.28 |
| 169.71 | 0.00000 |        |         |         |
|        | -130.81 | 166.17 | 0.00000 | -134.35 |
| 162.63 | 0.00000 |        |         |         |
|        | -136.47 | 160.51 | 0.00000 | -137.89 |
| 159.10 | 0.00000 |        |         |         |
|        | -139.30 | 157.68 | 0.00000 | -140.71 |
| 156.27 | 0.00000 |        |         |         |
|        | -142.13 | 154.86 | 0.00000 | -154.86 |
| 142.13 | 0.00000 |        |         |         |
|        | -156.27 | 140.71 | 0.00000 | -157.68 |
| 139.30 | 0.00000 |        |         |         |
|        | -159.10 | 137.89 | 0.00000 | -160.51 |
| 136.47 | 0.00000 |        |         |         |
|        | -162.63 | 134.35 | 0.00000 | -166.17 |
| 130.81 | 0.00000 |        |         |         |
|        | -169.71 | 127.28 | 0.00000 | -176.78 |
| 120.21 | 0.00000 |        |         |         |
|        | -183.85 | 113.14 | 0.00000 | -190.92 |
| 106.07 | 0.00000 |        |         |         |
|        | -197.99 | 99.00  | 0.00000 | -205.06 |
| 91.92  | 0.00000 |        |         |         |
|        | -212.13 | 84.85  | 0.00000 | -219.20 |
| 77.78  | 0.00000 |        |         |         |
|        | -70.71  | 212.13 | 0.00000 | -77.78  |
| 205.06 | 0.00000 |        |         |         |
|        | -84.85  | 197.99 | 0.00000 | -91.92  |
| 190.92 | 0.00000 |        |         |         |
|        | -98.99  | 183.85 | 0.00000 | -106.07 |
| 176.78 | 0.00000 |        |         |         |
|        | -113.14 | 169.71 | 0.00000 | -120.21 |
| 162.63 | 0.00000 |        |         |         |
|        | -123.74 | 159.10 | 0.00000 | -127.28 |
| 155.56 | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

CONC

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 URBAN FLAT FLGPOL DFAULT

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION \*\*\*  
 INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

| **          |             | ** CONC OF OTHER IN MICROGRAMS/M**3 |             |
|-------------|-------------|-------------------------------------|-------------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)                         | X-COORD (M) |
| CONC        | CONC        | CONC                                | CONC        |
| 152.03      | -129.40     | 153.44                              | -130.81     |
|             | 0.00000     |                                     |             |
| 149.20      | -132.23     | 150.61                              | -133.64     |
|             | 0.00000     |                                     |             |
| 135.06      | -135.06     | 147.79                              | -147.79     |
|             | 0.00000     |                                     |             |
| 132.23      | -149.20     | 133.64                              | -150.61     |
|             | 0.00000     |                                     |             |
| 129.40      | -152.03     | 130.81                              | -153.44     |
|             | 0.00000     |                                     |             |
| 123.74      | -155.56     | 127.28                              | -159.10     |
|             | 0.00000     |                                     |             |
| 113.14      | -162.63     | 120.21                              | -169.71     |
|             | 0.00000     |                                     |             |
| 98.99       | -176.78     | 106.07                              | -183.85     |
|             | 0.00000     |                                     |             |
| 84.85       | -190.92     | 91.92                               | -197.99     |
|             | 0.00000     |                                     |             |
| 70.71       | -205.06     | 77.78                               | -212.13     |
|             | 0.00000     |                                     |             |
| 197.99      | -63.64      | 205.06                              | -70.71      |
|             | 0.00000     |                                     |             |
| 183.85      | -77.78      | 190.92                              | -84.85      |
|             | 0.00000     |                                     |             |
| 169.71      | -91.92      | 176.78                              | -98.99      |
|             | 0.00000     |                                     |             |
| 155.56      | -106.07     | 162.63                              | -113.14     |
|             | 0.00000     |                                     |             |
| 148.49      | -116.67     | 152.03                              | -120.21     |
|             | 0.00000     |                                     |             |
| 144.96      | -122.33     | 146.37                              | -123.74     |
|             | 0.00000     |                                     |             |
| 142.13      | -125.16     | 143.54                              | -126.57     |
|             | 0.00000     |                                     |             |
| 127.99      | -127.99     | 140.71                              | -140.71     |
|             | 0.00000     |                                     |             |
| 125.16      | -142.13     | 126.57                              | -143.54     |
|             | 0.00000     |                                     |             |
| 122.33      | -144.96     | 123.74                              | -146.37     |
|             | 0.00000     |                                     |             |
| 116.67      | -148.49     | 120.21                              | -152.03     |
|             | 0.00000     |                                     |             |
| 106.07      | -155.56     | 113.14                              | -162.63     |
|             | 0.00000     |                                     |             |
| 91.92       | -169.71     | 98.99                               | -176.78     |
|             | 0.00000     |                                     |             |
| 77.78       | -183.85     | 84.85                               | -190.92     |
|             | 0.00000     |                                     |             |
|             | -197.99     | 70.71                               | -205.06     |
|             |             |                                     |             |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 63.64  | 0.00000 |        |         |         |
|        | -56.57  | 197.99 | 0.00000 | -63.64  |
| 190.92 | 0.00000 |        |         |         |
|        | -70.71  | 183.85 | 0.00000 | -77.78  |
| 176.78 | 0.00000 |        |         |         |
|        | -84.85  | 169.71 | 0.00000 | -91.92  |
| 162.63 | 0.00000 |        |         |         |
|        | -98.99  | 155.56 | 0.00000 | -106.07 |
| 148.49 | 0.00000 |        |         |         |
|        | -109.60 | 144.96 | 0.00000 | -113.14 |
| 141.42 | 0.00000 |        |         |         |
|        | -115.26 | 139.30 | 0.00000 | -116.67 |
| 137.89 | 0.00000 |        |         |         |
|        | -118.09 | 136.47 | 0.00000 | -119.50 |
| 135.06 | 0.00000 |        |         |         |
|        | -120.92 | 133.64 | 0.00000 | -133.64 |
| 120.92 | 0.00000 |        |         |         |
|        | -135.06 | 119.50 | 0.00000 | -136.47 |
| 118.09 | 0.00000 |        |         |         |
|        | -137.89 | 116.67 | 0.00000 | -139.30 |
| 115.26 | 0.00000 |        |         |         |
|        | -141.42 | 113.14 | 0.00000 | -144.96 |
| 109.60 | 0.00000 |        |         |         |
|        | -148.49 | 106.07 | 0.00000 | -155.56 |
| 98.99  | 0.00000 |        |         |         |
|        | -162.63 | 91.92  | 0.00000 | -169.71 |
| 84.85  | 0.00000 |        |         |         |
|        | -176.78 | 77.78  | 0.00000 | -183.85 |
| 70.71  | 0.00000 |        |         |         |
|        | -190.92 | 63.64  | 0.00000 | -197.99 |
| 56.57  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -           | -           | -           | -       | -           |
| 183.85      | -49.50      | 190.92      | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| 169.71      | -63.64      | 176.78      | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| 155.56      | -77.78      | 162.63      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| 141.42      | -91.92      | 148.49      | 0.00001 | -98.99      |
|             | 0.00001     |             |         |             |
|             | -102.53     | 137.89      | 0.00001 | -106.07     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 134.35 | 0.00001 |        |         |         |
|        | -108.19 | 132.23 | 0.00001 | -109.60 |
| 130.81 | 0.00001 |        |         |         |
|        | -111.02 | 129.40 | 0.00001 | -112.43 |
| 127.99 | 0.00001 |        |         |         |
|        | -113.84 | 126.57 | 0.00001 | -126.57 |
| 113.84 | 0.00000 |        |         |         |
|        | -127.99 | 112.43 | 0.00000 | -129.40 |
| 111.02 | 0.00000 |        |         |         |
|        | -130.81 | 109.60 | 0.00000 | -132.23 |
| 108.19 | 0.00000 |        |         |         |
|        | -134.35 | 106.07 | 0.00000 | -137.89 |
| 102.53 | 0.00000 |        |         |         |
|        | -141.42 | 98.99  | 0.00000 | -148.49 |
| 91.92  | 0.00000 |        |         |         |
|        | -155.56 | 84.85  | 0.00000 | -162.63 |
| 77.78  | 0.00000 |        |         |         |
|        | -169.71 | 70.71  | 0.00000 | -176.78 |
| 63.64  | 0.00000 |        |         |         |
|        | -183.85 | 56.57  | 0.00000 | -190.92 |
| 49.50  | 0.00000 |        |         |         |
|        | -42.43  | 183.85 | 0.00000 | -49.50  |
| 176.78 | 0.00000 |        |         |         |
|        | -56.57  | 169.71 | 0.00000 | -63.64  |
| 162.63 | 0.00000 |        |         |         |
|        | -70.71  | 155.56 | 0.00000 | -77.78  |
| 148.49 | 0.00001 |        |         |         |
|        | -84.85  | 141.42 | 0.00001 | -91.92  |
| 134.35 | 0.00001 |        |         |         |
|        | -95.46  | 130.81 | 0.00001 | -98.99  |
| 127.28 | 0.00001 |        |         |         |
|        | -101.12 | 125.16 | 0.00001 | -102.53 |
| 123.74 | 0.00001 |        |         |         |
|        | -103.94 | 122.33 | 0.00001 | -105.36 |
| 120.92 | 0.00001 |        |         |         |
|        | -106.77 | 119.50 | 0.00001 | -119.50 |
| 106.77 | 0.00000 |        |         |         |
|        | -120.92 | 105.36 | 0.00000 | -122.33 |
| 103.94 | 0.00000 |        |         |         |
|        | -123.74 | 102.53 | 0.00000 | -125.16 |
| 101.12 | 0.00000 |        |         |         |
|        | -127.28 | 98.99  | 0.00000 | -130.81 |
| 95.46  | 0.00000 |        |         |         |
|        | -134.35 | 91.92  | 0.00000 | -141.42 |
| 84.85  | 0.00000 |        |         |         |
|        | -148.49 | 77.78  | 0.00000 | -155.56 |
| 70.71  | 0.00000 |        |         |         |
|        | -162.63 | 63.64  | 0.00000 | -169.71 |
| 56.57  | 0.00000 |        |         |         |
|        | -176.78 | 49.50  | 0.00000 | -183.85 |
| 42.43  | 0.00000 |        |         |         |
|        | -35.36  | 176.78 | 0.00000 | -42.43  |
| 169.71 | 0.00000 |        |         |         |
|        | -49.50  | 162.63 | 0.00000 | -56.57  |
| 155.56 | 0.00000 |        |         |         |
|        | -63.64  | 148.49 | 0.00000 | -70.71  |
| 141.42 | 0.00001 |        |         |         |
|        | -77.78  | 134.35 | 0.00001 | -84.85  |
| 127.28 | 0.00001 |        |         |         |
|        | -88.39  | 123.74 | 0.00001 | -91.92  |
| 120.21 | 0.00001 |        |         |         |
|        | -94.05  | 118.09 | 0.00001 | -95.46  |
| 116.67 | 0.00001 |        |         |         |

| 05_13NCRA_SR03-300_ACROLEIN_TRAV_ANN_SE-NW_BOUND_CORRECTED |         |        |         |         |
|--|---------|--------|---------|---------|
| 113.84   | -96.87  | 115.26 | 0.00001 | -98.29  |
|  | 0.00001 |        |         |         |
| 99.70  | -99.70  | 112.43 | 0.00001 | -112.43 |
|  | 0.00000 |        |         |         |
| 96.87  | -113.84 | 98.29  | 0.00000 | -115.26 |
|  | 0.00000 |        |         |         |
| 94.05  | -116.67 | 95.46  | 0.00000 | -118.09 |
|  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 88.39       | -120.21     | 91.92       | 0.00000 | -123.74     |
|             | 0.00000     |             |         |             |
| 77.78       | -127.28     | 84.85       | 0.00000 | -134.35     |
|             | 0.00000     |             |         |             |
| 63.64       | -141.42     | 70.71       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 49.50       | -155.56     | 56.57       | 0.00000 | -162.63     |
|             | 0.00000     |             |         |             |
| 35.36       | -169.71     | 42.43       | 0.00000 | -176.78     |
|             | 0.00000     |             |         |             |
| 162.63      | -28.28      | 169.71      | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
| 148.49      | -42.43      | 155.56      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| 134.35      | -56.57      | 141.42      | 0.00000 | -63.64      |
|             | 0.00001     |             |         |             |
| 120.21      | -70.71      | 127.28      | 0.00001 | -77.78      |
|             | 0.00001     |             |         |             |
| 113.14      | -81.32      | 116.67      | 0.00001 | -84.85      |
|             | 0.00001     |             |         |             |
| 109.60      | -86.97      | 111.02      | 0.00001 | -88.39      |
|             | 0.00001     |             |         |             |
| 106.77      | -89.80      | 108.19      | 0.00001 | -91.22      |
|             | 0.00001     |             |         |             |
| 92.63       | -92.63      | 105.36      | 0.00001 | -105.36     |
|             | 0.00000     |             |         |             |
| 89.80       | -106.77     | 91.22       | 0.00000 | -108.19     |
|             | 0.00000     |             |         |             |
| 86.97       | -109.60     | 88.39       | 0.00000 | -111.02     |
|             | 0.00000     |             |         |             |
| 81.32       | -113.14     | 84.85       | 0.00000 | -116.67     |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 70.71  | -120.21 | 77.78  | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 56.57  | -134.35 | 63.64  | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |
| 42.43  | -148.49 | 49.50  | 0.00000 | -155.56 |
|        | 0.00000 |        |         |         |
| 28.28  | -162.63 | 35.36  | 0.00000 | -169.71 |
|        | 0.00000 |        |         |         |
| 155.56 | -21.21  | 162.63 | 0.00000 | -28.28  |
|        | 0.00000 |        |         |         |
| 141.42 | -35.36  | 148.49 | 0.00000 | -42.43  |
|        | 0.00000 |        |         |         |
| 127.28 | -49.50  | 134.35 | 0.00001 | -56.57  |
|        | 0.00001 |        |         |         |
| 113.14 | -63.64  | 120.21 | 0.00001 | -70.71  |
|        | 0.00001 |        |         |         |
| 106.07 | -74.25  | 109.60 | 0.00001 | -77.78  |
|        | 0.00001 |        |         |         |
| 102.53 | -79.90  | 103.94 | 0.00001 | -81.32  |
|        | 0.00001 |        |         |         |
| 99.70  | -82.73  | 101.12 | 0.00001 | -84.15  |
|        | 0.00002 |        |         |         |
| 85.56  | -85.56  | 98.29  | 0.00002 | -98.29  |
|        | 0.00000 |        |         |         |
| 82.73  | -99.70  | 84.15  | 0.00000 | -101.12 |
|        | 0.00000 |        |         |         |
| 79.90  | -102.53 | 81.32  | 0.00000 | -103.94 |
|        | 0.00000 |        |         |         |
| 74.25  | -106.07 | 77.78  | 0.00000 | -109.60 |
|        | 0.00000 |        |         |         |
| 63.64  | -113.14 | 70.71  | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 49.50  | -127.28 | 56.57  | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 35.36  | -141.42 | 42.43  | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 21.21  | -155.56 | 28.28  | 0.00000 | -162.63 |
|        | 0.00000 |        |         |         |
| 148.49 | -14.14  | 155.56 | 0.00000 | -21.21  |
|        | 0.00000 |        |         |         |
| 134.35 | -28.28  | 141.42 | 0.00000 | -35.36  |
|        | 0.00000 |        |         |         |
| 120.21 | -42.43  | 127.28 | 0.00001 | -49.50  |
|        | 0.00001 |        |         |         |
| 106.07 | -56.57  | 113.14 | 0.00001 | -63.64  |
|        | 0.00001 |        |         |         |
| 98.99  | -67.18  | 102.53 | 0.00001 | -70.71  |
|        | 0.00001 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

CONC URBAN FLAT FLGPOL DFAULT

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VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 95.46       | -72.83      | 96.87       | 0.00001 | -74.25      |
|             | 0.00001     |             |         |             |
| 92.63       | -75.66      | 94.05       | 0.00002 | -77.07      |
|             | 0.00002     |             |         |             |
| 78.49       | -78.49      | 91.22       | 0.00002 | -91.22      |
|             | 0.00000     |             |         |             |
| 75.66       | -92.63      | 77.07       | 0.00000 | -94.05      |
|             | 0.00000     |             |         |             |
| 72.83       | -95.46      | 74.25       | 0.00000 | -96.87      |
|             | 0.00000     |             |         |             |
| 67.18       | -98.99      | 70.71       | 0.00000 | -102.53     |
|             | 0.00000     |             |         |             |
| 56.57       | -106.07     | 63.64       | 0.00000 | -113.14     |
|             | 0.00000     |             |         |             |
| 42.43       | -120.21     | 49.50       | 0.00000 | -127.28     |
|             | 0.00000     |             |         |             |
| 28.28       | -134.35     | 35.36       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 14.14       | -148.49     | 21.21       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
| 141.42      | -7.07       | 148.49      | 0.00000 | -14.14      |
|             | 0.00000     |             |         |             |
| 127.28      | -21.21      | 134.35      | 0.00000 | -28.28      |
|             | 0.00000     |             |         |             |
| 113.14      | -35.36      | 120.21      | 0.00001 | -42.43      |
|             | 0.00001     |             |         |             |
| 98.99       | -49.50      | 106.07      | 0.00001 | -56.57      |
|             | 0.00001     |             |         |             |
| 91.92       | -60.10      | 95.46       | 0.00001 | -63.64      |
|             | 0.00001     |             |         |             |
| 88.39       | -65.76      | 89.80       | 0.00001 | -67.18      |
|             | 0.00002     |             |         |             |
| 85.56       | -68.59      | 86.97       | 0.00002 | -70.00      |
|             | 0.00002     |             |         |             |
| 71.42       | -71.42      | 84.15       | 0.00002 | -84.15      |
|             | 0.00000     |             |         |             |
| 68.59       | -85.56      | 70.00       | 0.00000 | -86.97      |
|             | 0.00000     |             |         |             |
| 65.76       | -88.39      | 67.18       | 0.00000 | -89.80      |
|             | 0.00000     |             |         |             |
| 60.10       | -91.92      | 63.64       | 0.00000 | -95.46      |
|             | 0.00000     |             |         |             |
| 49.50       | -98.99      | 56.57       | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| 35.36       | -113.14     | 42.43       | 0.00000 | -120.21     |
|             | 0.00000     |             |         |             |
| 21.21       | -127.28     | 28.28       | 0.00000 | -134.35     |
|             | 0.00000     |             |         |             |
| 7.07        | -141.42     | 14.14       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 134.35      | 0.00        | 141.42      | 0.00000 | -7.07       |
|             | 0.00000     |             |         |             |
| 120.21      | -14.14      | 127.28      | 0.00000 | -21.21      |
|             | 0.00000     |             |         |             |
|             | -28.28      | 113.14      | 0.00000 | -35.36      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |       |         |         |
|--------|---------|-------|---------|---------|
| 106.07 | 0.00001 |       |         |         |
|        | -42.43  | 98.99 | 0.00001 | -49.50  |
| 91.92  | 0.00001 |       |         |         |
|        | -53.03  | 88.39 | 0.00001 | -56.57  |
| 84.85  | 0.00001 |       |         |         |
|        | -58.69  | 82.73 | 0.00001 | -60.10  |
| 81.32  | 0.00002 |       |         |         |
|        | -61.52  | 79.90 | 0.00002 | -62.93  |
| 78.49  | 0.00002 |       |         |         |
|        | -64.35  | 77.07 | 0.00002 | -77.07  |
| 64.35  | 0.00001 |       |         |         |
|        | -78.49  | 62.93 | 0.00000 | -79.90  |
| 61.52  | 0.00000 |       |         |         |
|        | -81.32  | 60.10 | 0.00000 | -82.73  |
| 58.69  | 0.00000 |       |         |         |
|        | -84.85  | 56.57 | 0.00000 | -88.39  |
| 53.03  | 0.00000 |       |         |         |
|        | -91.92  | 49.50 | 0.00000 | -98.99  |
| 42.43  | 0.00000 |       |         |         |
|        | -106.07 | 35.36 | 0.00000 | -113.14 |
| 28.28  | 0.00000 |       |         |         |
|        | -120.21 | 21.21 | 0.00000 | -127.28 |
| 14.14  | 0.00000 |       |         |         |
|        | -134.35 | 7.07  | 0.00000 | -141.42 |
| 0.00   | 0.00000 |       |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* \*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             |             | 7.07        | 0.00000 | 0.00        |
| 127.28      |             | 0.00000     |         |             |
|             |             | -7.07       | 0.00000 | -14.14      |
| 113.14      |             | 0.00000     |         |             |
|             |             | -21.21      | 0.00000 | -28.28      |
| 98.99       |             | 0.00001     |         |             |
|             |             | -35.36      | 0.00001 | -42.43      |
| 84.85       |             | 0.00001     |         |             |
|             |             | -45.96      | 0.00001 | -49.50      |
| 77.78       |             | 0.00001     |         |             |
|             |             | -51.62      | 0.00001 | -53.03      |
| 74.25       |             | 0.00001     |         |             |
|             |             | -54.45      | 0.00002 | -55.86      |
| 71.42       |             | 0.00002     |         |             |
|             |             | -57.28      | 0.00002 | -70.00      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 57.28  | 0.00001 |        |         |         |
|        | -71.42  | 55.86  | 0.00001 | -72.83  |
| 54.45  | 0.00000 |        |         |         |
|        | -74.25  | 53.03  | 0.00000 | -75.66  |
| 51.62  | 0.00000 |        |         |         |
|        | -77.78  | 49.50  | 0.00000 | -81.32  |
| 45.96  | 0.00000 |        |         |         |
|        | -84.85  | 42.43  | 0.00000 | -91.92  |
| 35.36  | 0.00000 |        |         |         |
|        | -98.99  | 28.28  | 0.00000 | -106.07 |
| 21.21  | 0.00000 |        |         |         |
|        | -113.14 | 14.14  | 0.00000 | -120.21 |
| 7.07   | 0.00000 |        |         |         |
|        | -127.28 | 0.00   | 0.00000 | -134.35 |
| -7.07  | 0.00000 |        |         |         |
|        | 14.14   | 127.28 | 0.00000 | 7.07    |
| 120.21 | 0.00000 |        |         |         |
|        | 0.00    | 113.14 | 0.00000 | -7.07   |
| 106.07 | 0.00000 |        |         |         |
|        | -14.14  | 98.99  | 0.00000 | -21.21  |
| 91.92  | 0.00001 |        |         |         |
|        | -28.28  | 84.85  | 0.00001 | -35.36  |
| 77.78  | 0.00001 |        |         |         |
|        | -38.89  | 74.25  | 0.00001 | -42.43  |
| 70.71  | 0.00001 |        |         |         |
|        | -44.55  | 68.59  | 0.00001 | -45.96  |
| 67.18  | 0.00001 |        |         |         |
|        | -47.38  | 65.76  | 0.00001 | -48.79  |
| 64.35  | 0.00002 |        |         |         |
|        | -50.20  | 62.93  | 0.00002 | -62.93  |
| 50.20  | 0.00001 |        |         |         |
|        | -64.35  | 48.79  | 0.00001 | -65.76  |
| 47.38  | 0.00000 |        |         |         |
|        | -67.18  | 45.96  | 0.00000 | -68.59  |
| 44.55  | 0.00000 |        |         |         |
|        | -70.71  | 42.43  | 0.00000 | -74.25  |
| 38.89  | 0.00000 |        |         |         |
|        | -77.78  | 35.36  | 0.00000 | -84.85  |
| 28.28  | 0.00000 |        |         |         |
|        | -91.92  | 21.21  | 0.00000 | -98.99  |
| 14.14  | 0.00000 |        |         |         |
|        | -106.07 | 7.07   | 0.00000 | -113.14 |
| 0.00   | 0.00000 |        |         |         |
|        | -120.21 | -7.07  | 0.00000 | -127.28 |
| -14.14 | 0.00000 |        |         |         |
|        | 21.21   | 120.21 | 0.00000 | 14.14   |
| 113.14 | 0.00000 |        |         |         |
|        | 7.07    | 106.07 | 0.00000 | 0.00    |
| 98.99  | 0.00000 |        |         |         |
|        | -7.07   | 91.92  | 0.00000 | -14.14  |
| 84.85  | 0.00000 |        |         |         |
|        | -21.21  | 77.78  | 0.00001 | -28.28  |
| 70.71  | 0.00001 |        |         |         |
|        | -31.82  | 67.18  | 0.00001 | -35.36  |
| 63.64  | 0.00001 |        |         |         |
|        | -37.48  | 61.52  | 0.00001 | -38.89  |
| 60.10  | 0.00001 |        |         |         |
|        | -40.31  | 58.69  | 0.00001 | -41.72  |
| 57.28  | 0.00001 |        |         |         |
|        | -43.13  | 55.86  | 0.00002 | -55.86  |
| 43.13  | 0.00001 |        |         |         |
|        | -57.28  | 41.72  | 0.00001 | -58.69  |
| 40.31  | 0.00000 |        |         |         |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 -60.10 38.89 0.00000 -61.52

37.48 0.00000  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 31.82       | -63.64      | 35.36       | 0.00000 | -67.18      |
| 21.21       | -70.71      | 28.28       | 0.00000 | -77.78      |
| 7.07        | -84.85      | 14.14       | 0.00000 | -91.92      |
| -7.07       | -98.99      | 0.00        | 0.00000 | -106.07     |
| -21.21      | -113.14     | -14.14      | 0.00000 | -120.21     |
| 106.07      | 28.28       | 113.14      | 0.00000 | 21.21       |
| 91.92       | 14.14       | 98.99       | 0.00000 | 7.07        |
| 77.78       | 0.00        | 84.85       | 0.00000 | -7.07       |
| 63.64       | -14.14      | 70.71       | 0.00001 | -21.21      |
| 56.57       | -24.75      | 60.10       | 0.00001 | -28.28      |
| 53.03       | -30.41      | 54.45       | 0.00001 | -31.82      |
| 50.20       | -33.23      | 51.62       | 0.00001 | -34.65      |
| 36.06       | -36.06      | 48.79       | 0.00001 | -48.79      |
| 33.23       | -50.20      | 34.65       | 0.00001 | -51.62      |
| 30.41       | -53.03      | 31.82       | 0.00000 | -54.45      |
| 24.75       | -56.57      | 28.28       | 0.00000 | -60.10      |
| 14.14       | -63.64      | 21.21       | 0.00000 | -70.71      |
| 0.00        | -77.78      | 7.07        | 0.00000 | -84.85      |
| -14.14      | -91.92      | -7.07       | 0.00000 | -98.99      |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| -28.28 | -106.07 | -21.21 | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 98.99  | 35.36   | 106.07 | 0.00000 | 28.28   |
|        | 0.00000 |        |         |         |
| 84.85  | 21.21   | 91.92  | 0.00000 | 14.14   |
|        | 0.00000 |        |         |         |
| 70.71  | 7.07    | 77.78  | 0.00000 | 0.00    |
|        | 0.00000 |        |         |         |
| 56.57  | -7.07   | 63.64  | 0.00000 | -14.14  |
|        | 0.00001 |        |         |         |
| 49.50  | -17.68  | 53.03  | 0.00001 | -21.21  |
|        | 0.00001 |        |         |         |
| 45.96  | -23.33  | 47.38  | 0.00001 | -24.75  |
|        | 0.00001 |        |         |         |
| 43.13  | -26.16  | 44.55  | 0.00001 | -27.58  |
|        | 0.00001 |        |         |         |
| 28.99  | -28.99  | 41.72  | 0.00001 | -41.72  |
|        | 0.00001 |        |         |         |
| 26.16  | -43.13  | 27.58  | 0.00001 | -44.55  |
|        | 0.00001 |        |         |         |
| 23.33  | -45.96  | 24.75  | 0.00000 | -47.38  |
|        | 0.00000 |        |         |         |
| 17.68  | -49.50  | 21.21  | 0.00000 | -53.03  |
|        | 0.00000 |        |         |         |
| 7.07   | -56.57  | 14.14  | 0.00000 | -63.64  |
|        | 0.00000 |        |         |         |
| -7.07  | -70.71  | 0.00   | 0.00000 | -77.78  |
|        | 0.00000 |        |         |         |
| -21.21 | -84.85  | -14.14 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| -35.36 | -98.99  | -28.28 | 0.00000 | -106.07 |
|        | 0.00000 |        |         |         |
| 91.92  | 42.43   | 98.99  | 0.00000 | 35.36   |
|        | 0.00000 |        |         |         |
| 77.78  | 28.28   | 84.85  | 0.00000 | 21.21   |
|        | 0.00000 |        |         |         |
| 63.64  | 14.14   | 70.71  | 0.00000 | 7.07    |
|        | 0.00000 |        |         |         |
| 49.50  | 0.00    | 56.57  | 0.00000 | -7.07   |
|        | 0.00000 |        |         |         |
| 42.43  | -10.61  | 45.96  | 0.00001 | -14.14  |
|        | 0.00001 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 15:11:25  
 \*\*MODELOPTs:

CONC PAGE 91  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* 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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 38.89  | -16.26  | 40.31  | 0.00001 | -17.68 |
|        | 0.00001 |        |         |        |
| 36.06  | -19.09  | 37.48  | 0.00001 | -20.51 |
|        | 0.00001 |        |         |        |
| 21.92  | -21.92  | 34.65  | 0.00001 | -34.65 |
|        | 0.00001 |        |         |        |
| 19.09  | -36.06  | 20.51  | 0.00001 | -37.48 |
|        | 0.00001 |        |         |        |
| 16.26  | -38.89  | 17.68  | 0.00000 | -40.31 |
|        | 0.00000 |        |         |        |
| 10.61  | -42.43  | 14.14  | 0.00000 | -45.96 |
|        | 0.00000 |        |         |        |
| 0.00   | -49.50  | 7.07   | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -14.14 | -63.64  | -7.07  | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| -28.28 | -77.78  | -21.21 | 0.00000 | -84.85 |
|        | 0.00000 |        |         |        |
| -42.43 | -91.92  | -35.36 | 0.00000 | -98.99 |
|        | 0.00000 |        |         |        |
| 84.85  | 49.50   | 91.92  | 0.00000 | 42.43  |
|        | 0.00000 |        |         |        |
| 70.71  | 35.36   | 77.78  | 0.00000 | 28.28  |
|        | 0.00000 |        |         |        |
| 56.57  | 21.21   | 63.64  | 0.00000 | 14.14  |
|        | 0.00000 |        |         |        |
| 42.43  | 7.07    | 49.50  | 0.00000 | 0.00   |
|        | 0.00000 |        |         |        |
| 35.36  | -3.54   | 38.89  | 0.00000 | -7.07  |
|        | 0.00000 |        |         |        |
| 31.82  | -9.19   | 33.23  | 0.00000 | -10.61 |
|        | 0.00000 |        |         |        |
| 28.99  | -12.02  | 30.41  | 0.00001 | -13.44 |
|        | 0.00001 |        |         |        |
| 14.85  | -14.85  | 27.58  | 0.00001 | -27.58 |
|        | 0.00001 |        |         |        |
| 12.02  | -28.99  | 13.44  | 0.00000 | -30.41 |
|        | 0.00000 |        |         |        |
| 9.19   | -31.82  | 10.61  | 0.00000 | -33.23 |
|        | 0.00000 |        |         |        |
| 3.54   | -35.36  | 7.07   | 0.00000 | -38.89 |
|        | 0.00000 |        |         |        |
| -7.07  | -42.43  | 0.00   | 0.00000 | -49.50 |
|        | 0.00000 |        |         |        |
| -21.21 | -56.57  | -14.14 | 0.00000 | -63.64 |
|        | 0.00000 |        |         |        |
| -35.36 | -70.71  | -28.28 | 0.00000 | -77.78 |
|        | 0.00000 |        |         |        |
| -49.50 | -84.85  | -42.43 | 0.00000 | -91.92 |
|        | 0.00000 |        |         |        |
| 77.78  | 56.57   | 84.85  | 0.00000 | 49.50  |
|        | 0.00000 |        |         |        |
| 63.64  | 42.43   | 70.71  | 0.00000 | 35.36  |
|        | 0.00000 |        |         |        |
| 49.50  | 28.28   | 56.57  | 0.00000 | 21.21  |
|        | 0.00000 |        |         |        |
| 35.36  | 14.14   | 42.43  | 0.00000 | 7.07   |
|        | 0.00000 |        |         |        |
| 28.28  | 3.54    | 31.82  | 0.00000 | 0.00   |
|        | 0.00000 |        |         |        |
|        | -2.12   | 26.16  | 0.00000 | -3.54  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 24.75  | 0.00000 |        |         |        |
|        | -4.95   | 23.33  | 0.00000 | -6.36  |
| 21.92  | 0.00000 |        |         |        |
|        | -7.78   | 20.51  | 0.00000 | -20.51 |
| 7.78   | 0.00000 |        |         |        |
|        | -21.92  | 6.36   | 0.00000 | -23.33 |
| 4.95   | 0.00000 |        |         |        |
|        | -24.75  | 3.54   | 0.00000 | -26.16 |
| 2.12   | 0.00000 |        |         |        |
|        | -28.28  | 0.00   | 0.00000 | -31.82 |
| -3.54  | 0.00000 |        |         |        |
|        | -35.36  | -7.07  | 0.00000 | -42.43 |
| -14.14 | 0.00000 |        |         |        |
|        | -49.50  | -21.21 | 0.00000 | -56.57 |
| -28.28 | 0.00000 |        |         |        |
|        | -63.64  | -35.36 | 0.00000 | -70.71 |
| -42.43 | 0.00000 |        |         |        |
|        | -77.78  | -49.50 | 0.00000 | -84.85 |
| -56.57 | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

CONC URBAN FLAT FLGPOL DFAULT  
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VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | 63.64       | 77.78       | 0.00000 | 56.57       |
| 70.71       | 0.00000     |             |         |             |
|             | 49.50       | 63.64       | 0.00000 | 42.43       |
| 56.57       | 0.00000     |             |         |             |
|             | 35.36       | 49.50       | 0.00000 | 28.28       |
| 42.43       | 0.00000     |             |         |             |
|             | 21.21       | 35.36       | 0.00000 | 14.14       |
| 28.28       | 0.00000     |             |         |             |
|             | 10.61       | 24.75       | 0.00000 | 7.07        |
| 21.21       | 0.00000     |             |         |             |
|             | 4.95        | 19.09       | 0.00000 | 3.54        |
| 17.68       | 0.00000     |             |         |             |
|             | 2.12        | 16.26       | 0.00000 | 0.71        |
| 14.85       | 0.00000     |             |         |             |
|             | -0.71       | 13.44       | 0.00000 | -13.44      |
| 0.71        | 0.00000     |             |         |             |
|             | -14.85      | -0.71       | 0.00000 | -16.26      |
| -2.12       | 0.00000     |             |         |             |
|             | -17.68      | -3.54       | 0.00000 | -19.09      |
| -4.95       | 0.00000     |             |         |             |
|             | -21.21      | -7.07       | 0.00000 | -24.75      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -10.61 | 0.00000 |        |         |        |
|        | -28.28  | -14.14 | 0.00000 | -35.36 |
| -21.21 | 0.00000 |        |         |        |
|        | -42.43  | -28.28 | 0.00000 | -49.50 |
| -35.36 | 0.00000 |        |         |        |
|        | -56.57  | -42.43 | 0.00000 | -63.64 |
| -49.50 | 0.00000 |        |         |        |
|        | -70.71  | -56.57 | 0.00000 | -77.78 |
| -63.64 | 0.00000 |        |         |        |
|        | 70.71   | 70.71  | 0.00000 | 63.64  |
| 63.64  | 0.00000 |        |         |        |
|        | 56.57   | 56.57  | 0.00000 | 49.50  |
| 49.50  | 0.00000 |        |         |        |
|        | 42.43   | 42.43  | 0.00000 | 35.36  |
| 35.36  | 0.00000 |        |         |        |
|        | 28.28   | 28.28  | 0.00000 | 21.21  |
| 21.21  | 0.00000 |        |         |        |
|        | 17.68   | 17.68  | 0.00000 | 14.14  |
| 14.14  | 0.00000 |        |         |        |
|        | 12.02   | 12.02  | 0.00000 | 10.61  |
| 10.61  | 0.00000 |        |         |        |
|        | 9.19    | 9.19   | 0.00000 | 7.78   |
| 7.78   | 0.00000 |        |         |        |
|        | 6.36    | 6.36   | 0.00000 | -6.36  |
| -6.36  | 0.00000 |        |         |        |
|        | -7.78   | -7.78  | 0.00000 | -9.19  |
| -9.19  | 0.00000 |        |         |        |
|        | -10.61  | -10.61 | 0.00000 | -12.02 |
| -12.02 | 0.00000 |        |         |        |
|        | -14.14  | -14.14 | 0.00000 | -17.68 |
| -17.68 | 0.00000 |        |         |        |
|        | -21.21  | -21.21 | 0.00000 | -28.28 |
| -28.28 | 0.00000 |        |         |        |
|        | -35.36  | -35.36 | 0.00000 | -42.43 |
| -42.43 | 0.00000 |        |         |        |
|        | -49.50  | -49.50 | 0.00000 | -56.57 |
| -56.57 | 0.00000 |        |         |        |
|        | -63.64  | -63.64 | 0.00000 | -70.71 |
| -70.71 | 0.00000 |        |         |        |
|        | 77.78   | 63.64  | 0.00000 | 70.71  |
| 56.57  | 0.00000 |        |         |        |
|        | 63.64   | 49.50  | 0.00000 | 56.57  |
| 42.43  | 0.00000 |        |         |        |
|        | 49.50   | 35.36  | 0.00000 | 42.43  |
| 28.28  | 0.00000 |        |         |        |
|        | 35.36   | 21.21  | 0.00000 | 28.28  |
| 14.14  | 0.00000 |        |         |        |
|        | 24.75   | 10.61  | 0.00000 | 21.21  |
| 7.07   | 0.00000 |        |         |        |
|        | 19.09   | 4.95   | 0.00000 | 17.68  |
| 3.54   | 0.00000 |        |         |        |
|        | 16.26   | 2.12   | 0.00000 | 14.85  |
| 0.71   | 0.00000 |        |         |        |
|        | 13.44   | -0.71  | 0.00000 | 0.71   |
| -13.44 | 0.00000 |        |         |        |
|        | -0.71   | -14.85 | 0.00000 | -2.12  |
| -16.26 | 0.00000 |        |         |        |
|        | -3.54   | -17.68 | 0.00000 | -4.95  |
| -19.09 | 0.00000 |        |         |        |

1 \*\*\* I SCST3 - VERSION

02035 \*\*\*  
\*\*\*

\*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound

15:11:25

Direction

\*\*\*

\*\*MODELOPTs:

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -24.75      | -7.07       | -21.21      | 0.00000 | -10.61      |
| -35.36      | 0.00000     | -28.28      | 0.00000 | -21.21      |
| -49.50      | -14.14      | -42.43      | 0.00000 | -35.36      |
| -63.64      | -28.28      | -56.57      | 0.00000 | -49.50      |
| -77.78      | -42.43      | -70.71      | 0.00000 | -63.64      |
| 49.50       | -56.57      | 56.57       | 0.00000 | 77.78       |
| 35.36       | 84.85       | 42.43       | 0.00000 | 63.64       |
| 21.21       | 70.71       | 28.28       | 0.00000 | 49.50       |
| 7.07        | 56.57       | 14.14       | 0.00000 | 35.36       |
| 0.00        | 42.43       | 3.54        | 0.00000 | 28.28       |
| -3.54       | 31.82       | -2.12       | 0.00000 | 24.75       |
| -6.36       | 26.16       | -4.95       | 0.00000 | 21.92       |
| -20.51      | 23.33       | -7.78       | 0.00000 | 7.78        |
| -23.33      | 20.51       | -21.92      | 0.00000 | 4.95        |
| -26.16      | 6.36        | -24.75      | 0.00000 | 2.12        |
| -31.82      | 0.00000     | -28.28      | 0.00000 | -3.54       |
| -42.43      | 0.00000     | -35.36      | 0.00000 | -14.14      |
| -56.57      | -7.07       | -49.50      | 0.00000 | -28.28      |
| -70.71      | -21.21      | -63.64      | 0.00000 | -42.43      |
| -84.85      | -35.36      | -77.78      | 0.00000 | -56.57      |
| 42.43       | -49.50      | 49.50       | 0.00000 | 84.85       |
| 28.28       | -70.71      | 35.36       | 0.00000 | 70.71       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |        |        |         |        |
|--------|--------|--------|---------|--------|
| 14.14  | 63.64  | 21.21  | 0.00000 | 56.57  |
| 0.00   | 49.50  | 7.07   | 0.00000 | 42.43  |
| -7.07  | 38.89  | -3.54  | 0.00000 | 35.36  |
| -10.61 | 33.23  | -9.19  | 0.00000 | 31.82  |
| -13.44 | 30.41  | -12.02 | 0.00000 | 28.99  |
| -27.58 | 27.58  | -14.85 | 0.00000 | 14.85  |
| -30.41 | 13.44  | -28.99 | 0.00000 | 12.02  |
| -33.23 | 10.61  | -31.82 | 0.00000 | 9.19   |
| -38.89 | 7.07   | -35.36 | 0.00000 | 3.54   |
| -49.50 | 0.00   | -42.43 | 0.00000 | -7.07  |
| -63.64 | -14.14 | -56.57 | 0.00000 | -21.21 |
| -77.78 | -28.28 | -70.71 | 0.00000 | -35.36 |
| -91.92 | -42.43 | -84.85 | 0.00000 | -49.50 |
| 35.36  | 98.99  | 42.43  | 0.00000 | 91.92  |
| 21.21  | 84.85  | 28.28  | 0.00000 | 77.78  |
| 7.07   | 70.71  | 14.14  | 0.00000 | 63.64  |
| -7.07  | 56.57  | 0.00   | 0.00000 | 49.50  |
| -14.14 | 45.96  | -10.61 | 0.00000 | 42.43  |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 94  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* \*\* DI SCRETE CARTESI AN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -17.68      | 40.31       | -16.26      | 0.00000 | 38.89       |
| -20.51      | 37.48       | -19.09      | 0.00000 | 36.06       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |        |         |        |
|---------|---------|--------|---------|--------|
| -34.65  | 34.65   | -21.92 | 0.00000 | 21.92  |
|         | 0.00000 |        |         |        |
| -37.48  | 20.51   | -36.06 | 0.00000 | 19.09  |
|         | 0.00000 |        |         |        |
| -40.31  | 17.68   | -38.89 | 0.00000 | 16.26  |
|         | 0.00000 |        |         |        |
| -45.96  | 14.14   | -42.43 | 0.00000 | 10.61  |
|         | 0.00000 |        |         |        |
| -56.57  | 7.07    | -49.50 | 0.00000 | 0.00   |
|         | 0.00000 |        |         |        |
| -70.71  | -7.07   | -63.64 | 0.00000 | -14.14 |
|         | 0.00000 |        |         |        |
| -84.85  | -21.21  | -77.78 | 0.00000 | -28.28 |
|         | 0.00000 |        |         |        |
| -98.99  | -35.36  | -91.92 | 0.00000 | -42.43 |
|         | 0.00000 |        |         |        |
|         | 106.07  | 35.36  | 0.00000 | 98.99  |
| 28.28   | 0.00000 |        |         |        |
| 14.14   | 91.92   | 21.21  | 0.00000 | 84.85  |
|         | 0.00000 |        |         |        |
| 0.00    | 77.78   | 7.07   | 0.00000 | 70.71  |
|         | 0.00000 |        |         |        |
| -14.14  | 63.64   | -7.07  | 0.00000 | 56.57  |
|         | 0.00000 |        |         |        |
| -21.21  | 53.03   | -17.68 | 0.00000 | 49.50  |
|         | 0.00000 |        |         |        |
| -24.75  | 47.38   | -23.33 | 0.00000 | 45.96  |
|         | 0.00000 |        |         |        |
| -27.58  | 44.55   | -26.16 | 0.00000 | 43.13  |
|         | 0.00000 |        |         |        |
| -41.72  | 41.72   | -28.99 | 0.00000 | 28.99  |
|         | 0.00000 |        |         |        |
| -44.55  | 27.58   | -43.13 | 0.00000 | 26.16  |
|         | 0.00000 |        |         |        |
| -47.38  | 24.75   | -45.96 | 0.00000 | 23.33  |
|         | 0.00000 |        |         |        |
| -53.03  | 21.21   | -49.50 | 0.00000 | 17.68  |
|         | 0.00000 |        |         |        |
| -63.64  | 14.14   | -56.57 | 0.00000 | 7.07   |
|         | 0.00000 |        |         |        |
| -77.78  | 0.00    | -70.71 | 0.00000 | -7.07  |
|         | 0.00000 |        |         |        |
| -91.92  | -14.14  | -84.85 | 0.00000 | -21.21 |
|         | 0.00000 |        |         |        |
| -106.07 | -28.28  | -98.99 | 0.00000 | -35.36 |
|         | 0.00000 |        |         |        |
|         | 113.14  | 28.28  | 0.00000 | 106.07 |
| 21.21   | 0.00000 |        |         |        |
| 7.07    | 98.99   | 14.14  | 0.00000 | 91.92  |
|         | 0.00000 |        |         |        |
| -7.07   | 84.85   | 0.00   | 0.00000 | 77.78  |
|         | 0.00000 |        |         |        |
| -21.21  | 70.71   | -14.14 | 0.00000 | 63.64  |
|         | 0.00000 |        |         |        |
| -28.28  | 60.10   | -24.75 | 0.00000 | 56.57  |
|         | 0.00000 |        |         |        |
| -31.82  | 54.45   | -30.41 | 0.00000 | 53.03  |
|         | 0.00000 |        |         |        |
| -34.65  | 51.62   | -33.23 | 0.00000 | 50.20  |
|         | 0.00000 |        |         |        |
| -48.79  | 48.79   | -36.06 | 0.00000 | 36.06  |
|         | 0.00000 |        |         |        |
|         | 34.65   | -50.20 | 0.00000 | 33.23  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -51.62  | 0.00000 |         |         |        |
|         | 31.82   | -53.03  | 0.00000 | 30.41  |
| -54.45  | 0.00000 |         |         |        |
|         | 28.28   | -56.57  | 0.00000 | 24.75  |
| -60.10  | 0.00000 |         |         |        |
|         | 21.21   | -63.64  | 0.00000 | 14.14  |
| -70.71  | 0.00000 |         |         |        |
|         | 7.07    | -77.78  | 0.00000 | 0.00   |
| -84.85  | 0.00000 |         |         |        |
|         | -7.07   | -91.92  | 0.00000 | -14.14 |
| -98.99  | 0.00000 |         |         |        |
|         | -21.21  | -106.07 | 0.00000 | -28.28 |
| -113.14 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | 120.21      | 21.21       | 0.00000 | 113.14      |
| 14.14       | 0.00000     |             |         |             |
|             | 106.07      | 7.07        | 0.00000 | 98.99       |
| 0.00        | 0.00000     |             |         |             |
|             | 91.92       | -7.07       | 0.00000 | 84.85       |
| -14.14      | 0.00000     |             |         |             |
|             | 77.78       | -21.21      | 0.00000 | 70.71       |
| -28.28      | 0.00000     |             |         |             |
|             | 67.18       | -31.82      | 0.00000 | 63.64       |
| -35.36      | 0.00000     |             |         |             |
|             | 61.52       | -37.48      | 0.00000 | 60.10       |
| -38.89      | 0.00000     |             |         |             |
|             | 58.69       | -40.31      | 0.00000 | 57.28       |
| -41.72      | 0.00000     |             |         |             |
|             | 55.86       | -43.13      | 0.00000 | 43.13       |
| -55.86      | 0.00000     |             |         |             |
|             | 41.72       | -57.28      | 0.00000 | 40.31       |
| -58.69      | 0.00000     |             |         |             |
|             | 38.89       | -60.10      | 0.00000 | 37.48       |
| -61.52      | 0.00000     |             |         |             |
|             | 35.36       | -63.64      | 0.00000 | 31.82       |
| -67.18      | 0.00000     |             |         |             |
|             | 28.28       | -70.71      | 0.00000 | 21.21       |
| -77.78      | 0.00000     |             |         |             |
|             | 14.14       | -84.85      | 0.00000 | 7.07        |
| -91.92      | 0.00000     |             |         |             |
|             | 0.00        | -98.99      | 0.00000 | -7.07       |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -106.07 | 0.00000 |         |         |        |
|         | -14.14  | -113.14 | 0.00000 | -21.21 |
| -120.21 | 0.00000 |         |         |        |
|         | 127.28  | 14.14   | 0.00000 | 120.21 |
| 7.07    | 0.00000 |         |         |        |
|         | 113.14  | 0.00    | 0.00000 | 106.07 |
| -7.07   | 0.00000 |         |         |        |
|         | 98.99   | -14.14  | 0.00000 | 91.92  |
| -21.21  | 0.00000 |         |         |        |
|         | 84.85   | -28.28  | 0.00000 | 77.78  |
| -35.36  | 0.00000 |         |         |        |
|         | 74.25   | -38.89  | 0.00000 | 70.71  |
| -42.43  | 0.00000 |         |         |        |
|         | 68.59   | -44.55  | 0.00000 | 67.18  |
| -45.96  | 0.00000 |         |         |        |
|         | 65.76   | -47.38  | 0.00000 | 64.35  |
| -48.79  | 0.00000 |         |         |        |
|         | 62.93   | -50.20  | 0.00000 | 50.20  |
| -62.93  | 0.00000 |         |         |        |
|         | 48.79   | -64.35  | 0.00000 | 47.38  |
| -65.76  | 0.00000 |         |         |        |
|         | 45.96   | -67.18  | 0.00000 | 44.55  |
| -68.59  | 0.00000 |         |         |        |
|         | 42.43   | -70.71  | 0.00000 | 38.89  |
| -74.25  | 0.00000 |         |         |        |
|         | 35.36   | -77.78  | 0.00000 | 28.28  |
| -84.85  | 0.00000 |         |         |        |
|         | 21.21   | -91.92  | 0.00000 | 14.14  |
| -98.99  | 0.00000 |         |         |        |
|         | 7.07    | -106.07 | 0.00000 | 0.00   |
| -113.14 | 0.00000 |         |         |        |
|         | -7.07   | -120.21 | 0.00000 | -14.14 |
| -127.28 | 0.00000 |         |         |        |
|         | 134.35  | 7.07    | 0.00000 | 127.28 |
| 0.00    | 0.00000 |         |         |        |
|         | 120.21  | -7.07   | 0.00000 | 113.14 |
| -14.14  | 0.00000 |         |         |        |
|         | 106.07  | -21.21  | 0.00000 | 98.99  |
| -28.28  | 0.00000 |         |         |        |
|         | 91.92   | -35.36  | 0.00000 | 84.85  |
| -42.43  | 0.00000 |         |         |        |
|         | 81.32   | -45.96  | 0.00000 | 77.78  |
| -49.50  | 0.00000 |         |         |        |
|         | 75.66   | -51.62  | 0.00000 | 74.25  |
| -53.03  | 0.00000 |         |         |        |
|         | 72.83   | -54.45  | 0.00000 | 71.42  |
| -55.86  | 0.00000 |         |         |        |
|         | 70.00   | -57.28  | 0.00000 | 57.28  |
| -70.00  | 0.00000 |         |         |        |
|         | 55.86   | -71.42  | 0.00000 | 54.45  |
| -72.83  | 0.00000 |         |         |        |
|         | 53.03   | -74.25  | 0.00000 | 51.62  |
| -75.66  | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION

02035 \*\*\*  
\*\*\*

\*\*\* NCRA Cumulative Annual Acrolein Impacts

06/13/08

\*\*\* Maximum train overlap at SE/NW Bound

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Direction

\*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\*

INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF OTHER |         | IN MICROGRAMS/M**3 |         |
|-------------|-------------|------------------|---------|--------------------|---------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)      | CONC    | X-COORD (M)        | CONC    |
| -81.32      | 49.50       | -77.78           | 0.00000 | 45.96              | 0.00000 |
| -91.92      | 42.43       | -84.85           | 0.00000 | 35.36              | 0.00000 |
| -106.07     | 28.28       | -98.99           | 0.00000 | 21.21              | 0.00000 |
| -120.21     | 14.14       | -113.14          | 0.00000 | 7.07               | 0.00000 |
| -134.35     | 0.00        | -127.28          | 0.00000 | -7.07              | 0.00000 |
| -7.07       | 141.42      | 0.00             | 0.00000 | 134.35             | 0.00000 |
| -21.21      | 127.28      | -14.14           | 0.00000 | 120.21             | 0.00000 |
| -35.36      | 113.14      | -28.28           | 0.00000 | 106.07             | 0.00000 |
| -49.50      | 98.99       | -42.43           | 0.00000 | 91.92              | 0.00000 |
| -56.57      | 88.39       | -53.03           | 0.00000 | 84.85              | 0.00000 |
| -60.10      | 82.73       | -58.69           | 0.00000 | 81.32              | 0.00000 |
| -62.93      | 79.90       | -61.52           | 0.00000 | 78.49              | 0.00000 |
| -77.07      | 77.07       | -64.35           | 0.00000 | 64.35              | 0.00000 |
| -79.90      | 62.93       | -78.49           | 0.00000 | 61.52              | 0.00000 |
| -82.73      | 60.10       | -81.32           | 0.00000 | 58.69              | 0.00000 |
| -88.39      | 56.57       | -84.85           | 0.00000 | 53.03              | 0.00000 |
| -98.99      | 49.50       | -91.92           | 0.00000 | 42.43              | 0.00000 |
| -113.14     | 35.36       | -106.07          | 0.00000 | 28.28              | 0.00000 |
| -127.28     | 21.21       | -120.21          | 0.00000 | 14.14              | 0.00000 |
| -141.42     | 7.07        | -134.35          | 0.00000 | 0.00               | 0.00000 |
| -14.14      | 148.49      | -7.07            | 0.00000 | 141.42             | 0.00000 |
| -28.28      | 134.35      | -21.21           | 0.00000 | 127.28             | 0.00000 |
| -42.43      | 120.21      | -35.36           | 0.00000 | 113.14             | 0.00000 |
| -56.57      | 106.07      | -49.50           | 0.00000 | 98.99              | 0.00000 |
| -63.64      | 95.46       | -60.10           | 0.00000 | 91.92              | 0.00000 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -67.18  | 89.80   | -65.76  | 0.00000 | 88.39  |
|         | 0.00000 |         |         |        |
| -70.00  | 86.97   | -68.59  | 0.00000 | 85.56  |
|         | 0.00000 |         |         |        |
| -84.15  | 84.15   | -71.42  | 0.00000 | 71.42  |
|         | 0.00000 |         |         |        |
| -86.97  | 70.00   | -85.56  | 0.00000 | 68.59  |
|         | 0.00000 |         |         |        |
| -89.80  | 67.18   | -88.39  | 0.00000 | 65.76  |
|         | 0.00000 |         |         |        |
| -95.46  | 63.64   | -91.92  | 0.00000 | 60.10  |
|         | 0.00000 |         |         |        |
| -106.07 | 56.57   | -98.99  | 0.00000 | 49.50  |
|         | 0.00000 |         |         |        |
| -120.21 | 42.43   | -113.14 | 0.00000 | 35.36  |
|         | 0.00000 |         |         |        |
| -134.35 | 28.28   | -127.28 | 0.00000 | 21.21  |
|         | 0.00000 |         |         |        |
| -148.49 | 14.14   | -141.42 | 0.00000 | 7.07   |
|         | 0.00000 |         |         |        |
| -21.21  | 155.56  | -14.14  | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -35.36  | 141.42  | -28.28  | 0.00000 | 134.35 |
|         | 0.00000 |         |         |        |
| -49.50  | 127.28  | -42.43  | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -63.64  | 113.14  | -56.57  | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -70.71  | 102.53  | -67.18  | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*  
 \*\*\* 06/13/08 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -74.25      | 96.87       | -72.83      | 0.00000 | 95.46       |
|             | 0.00000     |             |         |             |
| -77.07      | 94.05       | -75.66      | 0.00000 | 92.63       |
|             | 0.00000     |             |         |             |
| -91.22      | 91.22       | -78.49      | 0.00000 | 78.49       |
|             | 0.00000     |             |         |             |
| -94.05      | 77.07       | -92.63      | 0.00000 | 75.66       |
|             | 0.00000     |             |         |             |
| -96.87      | 74.25       | -95.46      | 0.00000 | 72.83       |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -102.53 | 70.71   | -98.99  | 0.00000 | 67.18  |
|         | 0.00000 |         |         |        |
| -113.14 | 63.64   | -106.07 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -127.28 | 49.50   | -120.21 | 0.00000 | 42.43  |
|         | 0.00000 |         |         |        |
| -141.42 | 35.36   | -134.35 | 0.00000 | 28.28  |
|         | 0.00000 |         |         |        |
| -155.56 | 21.21   | -148.49 | 0.00000 | 14.14  |
|         | 0.00000 |         |         |        |
|         | 162.63  | -21.21  | 0.00000 | 155.56 |
| -28.28  | 0.00000 |         |         |        |
|         | 148.49  | -35.36  | 0.00000 | 141.42 |
| -42.43  | 0.00000 |         |         |        |
|         | 134.35  | -49.50  | 0.00000 | 127.28 |
| -56.57  | 0.00000 |         |         |        |
|         | 120.21  | -63.64  | 0.00000 | 113.14 |
| -70.71  | 0.00000 |         |         |        |
|         | 109.60  | -74.25  | 0.00000 | 106.07 |
| -77.78  | 0.00000 |         |         |        |
|         | 103.94  | -79.90  | 0.00000 | 102.53 |
| -81.32  | 0.00000 |         |         |        |
|         | 101.12  | -82.73  | 0.00000 | 99.70  |
| -84.15  | 0.00000 |         |         |        |
|         | 98.29   | -85.56  | 0.00000 | 85.56  |
| -98.29  | 0.00000 |         |         |        |
|         | 84.15   | -99.70  | 0.00000 | 82.73  |
| -101.12 | 0.00000 |         |         |        |
|         | 81.32   | -102.53 | 0.00000 | 79.90  |
| -103.94 | 0.00000 |         |         |        |
|         | 77.78   | -106.07 | 0.00000 | 74.25  |
| -109.60 | 0.00000 |         |         |        |
|         | 70.71   | -113.14 | 0.00000 | 63.64  |
| -120.21 | 0.00000 |         |         |        |
|         | 56.57   | -127.28 | 0.00000 | 49.50  |
| -134.35 | 0.00000 |         |         |        |
|         | 42.43   | -141.42 | 0.00000 | 35.36  |
| -148.49 | 0.00000 |         |         |        |
|         | 28.28   | -155.56 | 0.00000 | 21.21  |
| -162.63 | 0.00000 |         |         |        |
|         | 169.71  | -28.28  | 0.00000 | 162.63 |
| -35.36  | 0.00000 |         |         |        |
|         | 155.56  | -42.43  | 0.00000 | 148.49 |
| -49.50  | 0.00000 |         |         |        |
|         | 141.42  | -56.57  | 0.00000 | 134.35 |
| -63.64  | 0.00000 |         |         |        |
|         | 127.28  | -70.71  | 0.00000 | 120.21 |
| -77.78  | 0.00000 |         |         |        |
|         | 116.67  | -81.32  | 0.00000 | 113.14 |
| -84.85  | 0.00000 |         |         |        |
|         | 111.02  | -86.97  | 0.00000 | 109.60 |
| -88.39  | 0.00000 |         |         |        |
|         | 108.19  | -89.80  | 0.00000 | 106.77 |
| -91.22  | 0.00000 |         |         |        |
|         | 105.36  | -92.63  | 0.00000 | 92.63  |
| -105.36 | 0.00000 |         |         |        |
|         | 91.22   | -106.77 | 0.00000 | 89.80  |
| -108.19 | 0.00000 |         |         |        |
|         | 88.39   | -109.60 | 0.00000 | 86.97  |
| -111.02 | 0.00000 |         |         |        |
|         | 84.85   | -113.14 | 0.00000 | 81.32  |
| -116.67 | 0.00000 |         |         |        |
|         | 77.78   | -120.21 | 0.00000 | 70.71  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |       |
|---------|---------|---------|---------|-------|
| -127.28 | 0.00000 |         |         |       |
|         | 63.64   | -134.35 | 0.00000 | 56.57 |
| -141.42 | 0.00000 |         |         |       |
|         | 49.50   | -148.49 | 0.00000 | 42.43 |
| -155.56 | 0.00000 |         |         |       |
|         | 35.36   | -162.63 | 0.00000 | 28.28 |
| -169.71 | 0.00000 |         |         |       |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -42.43      | 176.78      | -35.36      | 0.00000 | 169.71      |
| -56.57      | 162.63      | -49.50      | 0.00000 | 155.56      |
| -70.71      | 148.49      | -63.64      | 0.00000 | 141.42      |
| -84.85      | 134.35      | -77.78      | 0.00000 | 127.28      |
| -91.92      | 123.74      | -88.39      | 0.00000 | 120.21      |
| -95.46      | 118.09      | -94.05      | 0.00000 | 116.67      |
| -98.29      | 115.26      | -96.87      | 0.00000 | 113.84      |
| -112.43     | 112.43      | -99.70      | 0.00000 | 99.70       |
| -115.26     | 98.29       | -113.84     | 0.00000 | 96.87       |
| -118.09     | 95.46       | -116.67     | 0.00000 | 94.05       |
| -123.74     | 91.92       | -120.21     | 0.00000 | 88.39       |
| -134.35     | 84.85       | -127.28     | 0.00000 | 77.78       |
| -148.49     | 70.71       | -141.42     | 0.00000 | 63.64       |
| -162.63     | 56.57       | -155.56     | 0.00000 | 49.50       |
| -176.78     | 42.43       | -169.71     | 0.00000 | 35.36       |
| -49.50      | 183.85      | -42.43      | 0.00000 | 176.78      |
|             | 169.71      | -56.57      | 0.00000 | 162.63      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -63.64  | 0.00000 |         |         |        |
|         | 155.56  | -70.71  | 0.00000 | 148.49 |
| -77.78  | 0.00000 |         |         |        |
|         | 141.42  | -84.85  | 0.00000 | 134.35 |
| -91.92  | 0.00000 |         |         |        |
|         | 130.81  | -95.46  | 0.00000 | 127.28 |
| -98.99  | 0.00000 |         |         |        |
|         | 125.16  | -101.12 | 0.00000 | 123.74 |
| -102.53 | 0.00000 |         |         |        |
|         | 122.33  | -103.94 | 0.00000 | 120.92 |
| -105.36 | 0.00000 |         |         |        |
|         | 119.50  | -106.77 | 0.00000 | 106.77 |
| -119.50 | 0.00000 |         |         |        |
|         | 105.36  | -120.92 | 0.00000 | 103.94 |
| -122.33 | 0.00000 |         |         |        |
|         | 102.53  | -123.74 | 0.00000 | 101.12 |
| -125.16 | 0.00000 |         |         |        |
|         | 98.99   | -127.28 | 0.00000 | 95.46  |
| -130.81 | 0.00000 |         |         |        |
|         | 91.92   | -134.35 | 0.00000 | 84.85  |
| -141.42 | 0.00000 |         |         |        |
|         | 77.78   | -148.49 | 0.00000 | 70.71  |
| -155.56 | 0.00000 |         |         |        |
|         | 63.64   | -162.63 | 0.00000 | 56.57  |
| -169.71 | 0.00000 |         |         |        |
|         | 49.50   | -176.78 | 0.00000 | 42.43  |
| -183.85 | 0.00000 |         |         |        |
|         | 190.92  | -49.50  | 0.00000 | 183.85 |
| -56.57  | 0.00000 |         |         |        |
|         | 176.78  | -63.64  | 0.00000 | 169.71 |
| -70.71  | 0.00000 |         |         |        |
|         | 162.63  | -77.78  | 0.00000 | 155.56 |
| -84.85  | 0.00000 |         |         |        |
|         | 148.49  | -91.92  | 0.00000 | 141.42 |
| -98.99  | 0.00000 |         |         |        |
|         | 137.89  | -102.53 | 0.00000 | 134.35 |
| -106.07 | 0.00000 |         |         |        |
|         | 132.23  | -108.19 | 0.00000 | 130.81 |
| -109.60 | 0.00000 |         |         |        |
|         | 129.40  | -111.02 | 0.00000 | 127.99 |
| -112.43 | 0.00000 |         |         |        |
|         | 126.57  | -113.84 | 0.00000 | 113.84 |
| -126.57 | 0.00000 |         |         |        |
|         | 112.43  | -127.99 | 0.00000 | 111.02 |
| -129.40 | 0.00000 |         |         |        |
|         | 109.60  | -130.81 | 0.00000 | 108.19 |
| -132.23 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 99  
 URBAN FLAT FLGPOL DFAULT

CONC

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 \*\* CONC OF OTHER IN MICROGRAMS/M\*\*3

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -137.89     | 106.07      | -134.35     | 0.00000 | 102.53      |
| -148.49     | 98.99       | -141.42     | 0.00000 | 91.92       |
| -162.63     | 84.85       | -155.56     | 0.00000 | 77.78       |
| -176.78     | 70.71       | -169.71     | 0.00000 | 63.64       |
| -190.92     | 56.57       | -183.85     | 0.00000 | 49.50       |
| -63.64      | 197.99      | -56.57      | 0.00000 | 190.92      |
| -77.78      | 183.85      | -70.71      | 0.00000 | 176.78      |
| -91.92      | 169.71      | -84.85      | 0.00000 | 162.63      |
| -106.07     | 155.56      | -98.99      | 0.00000 | 148.49      |
| -113.14     | 144.96      | -109.60     | 0.00000 | 141.42      |
| -116.67     | 139.30      | -115.26     | 0.00000 | 137.89      |
| -119.50     | 136.47      | -118.09     | 0.00000 | 135.06      |
| -133.64     | 133.64      | -120.92     | 0.00000 | 120.92      |
| -136.47     | 119.50      | -135.06     | 0.00000 | 118.09      |
| -139.30     | 116.67      | -137.89     | 0.00000 | 115.26      |
| -144.96     | 113.14      | -141.42     | 0.00000 | 109.60      |
| -155.56     | 106.07      | -148.49     | 0.00000 | 98.99       |
| -169.71     | 91.92       | -162.63     | 0.00000 | 84.85       |
| -183.85     | 77.78       | -176.78     | 0.00000 | 70.71       |
| -197.99     | 63.64       | -190.92     | 0.00000 | 56.57       |
| -70.71      | 205.06      | -63.64      | 0.00000 | 197.99      |
| -84.85      | 190.92      | -77.78      | 0.00000 | 183.85      |
| -98.99      | 176.78      | -91.92      | 0.00000 | 169.71      |
| -113.14     | 162.63      | -106.07     | 0.00000 | 155.56      |
| -120.21     | 152.03      | -116.67     | 0.00000 | 148.49      |
| -123.74     | 146.37      | -122.33     | 0.00000 | 144.96      |
| -126.57     | 143.54      | -125.16     | 0.00000 | 142.13      |
| -140.71     | 140.71      | -127.99     | 0.00000 | 127.99      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -143.54 | 126.57  | -142.13 | 0.00000 | 125.16 |
|         | 0.00000 |         |         |        |
| -146.37 | 123.74  | -144.96 | 0.00000 | 122.33 |
|         | 0.00000 |         |         |        |
| -152.03 | 120.21  | -148.49 | 0.00000 | 116.67 |
|         | 0.00000 |         |         |        |
| -162.63 | 113.14  | -155.56 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -176.78 | 98.99   | -169.71 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -190.92 | 84.85   | -183.85 | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -205.06 | 70.71   | -197.99 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -77.78  | 212.13  | -70.71  | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -91.92  | 197.99  | -84.85  | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -106.07 | 183.85  | -98.99  | 0.00000 | 176.78 |
|         | 0.00000 |         |         |        |
| -120.21 | 169.71  | -113.14 | 0.00000 | 162.63 |
|         | 0.00000 |         |         |        |
| -127.28 | 159.10  | -123.74 | 0.00000 | 155.56 |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

CONC

PAGE 100  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -130.81     | 153.44      | -129.40     | 0.00000 | 152.03      |
|             | 0.00000     |             |         |             |
| -133.64     | 150.61      | -132.23     | 0.00000 | 149.20      |
|             | 0.00000     |             |         |             |
| -147.79     | 147.79      | -135.06     | 0.00000 | 135.06      |
|             | 0.00000     |             |         |             |
| -150.61     | 133.64      | -149.20     | 0.00000 | 132.23      |
|             | 0.00000     |             |         |             |
| -153.44     | 130.81      | -152.03     | 0.00000 | 129.40      |
|             | 0.00000     |             |         |             |
| -159.10     | 127.28      | -155.56     | 0.00000 | 123.74      |
|             | 0.00000     |             |         |             |
| -169.71     | 120.21      | -162.63     | 0.00000 | 113.14      |
|             | 0.00000     |             |         |             |
| -183.85     | 106.07      | -176.78     | 0.00000 | 98.99       |
|             | 0.00000     |             |         |             |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -197.99 | 91.92   | -190.92 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |
| -212.13 | 77.78   | -205.06 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -84.85  | 219.20  | -77.78  | 0.00000 | 212.13 |
|         | 0.00000 |         |         |        |
| -98.99  | 205.06  | -91.92  | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -113.14 | 190.92  | -106.07 | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -127.28 | 176.78  | -120.21 | 0.00000 | 169.71 |
|         | 0.00000 |         |         |        |
| -134.35 | 166.17  | -130.81 | 0.00000 | 162.63 |
|         | 0.00000 |         |         |        |
| -137.89 | 160.51  | -136.47 | 0.00000 | 159.10 |
|         | 0.00000 |         |         |        |
| -140.71 | 157.68  | -139.30 | 0.00000 | 156.27 |
|         | 0.00000 |         |         |        |
| -154.86 | 154.86  | -142.13 | 0.00000 | 142.13 |
|         | 0.00000 |         |         |        |
| -157.68 | 140.71  | -156.27 | 0.00000 | 139.30 |
|         | 0.00000 |         |         |        |
| -160.51 | 137.89  | -159.10 | 0.00000 | 136.47 |
|         | 0.00000 |         |         |        |
| -166.17 | 134.35  | -162.63 | 0.00000 | 130.81 |
|         | 0.00000 |         |         |        |
| -176.78 | 127.28  | -169.71 | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -190.92 | 113.14  | -183.85 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -205.06 | 98.99   | -197.99 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -219.20 | 84.85   | -212.13 | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -91.92  | 226.27  | -84.85  | 0.00000 | 219.20 |
|         | 0.00000 |         |         |        |
| -106.07 | 212.13  | -98.99  | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -120.21 | 197.99  | -113.14 | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -134.35 | 183.85  | -127.28 | 0.00000 | 176.78 |
|         | 0.00000 |         |         |        |
| -141.42 | 173.24  | -137.89 | 0.00000 | 169.71 |
|         | 0.00000 |         |         |        |
| -144.96 | 167.58  | -143.54 | 0.00000 | 166.17 |
|         | 0.00000 |         |         |        |
| -147.79 | 164.76  | -146.37 | 0.00000 | 163.34 |
|         | 0.00000 |         |         |        |
| -161.93 | 161.93  | -149.20 | 0.00000 | 149.20 |
|         | 0.00000 |         |         |        |
| -164.76 | 147.79  | -163.34 | 0.00000 | 146.37 |
|         | 0.00000 |         |         |        |
| -167.58 | 144.96  | -166.17 | 0.00000 | 143.54 |
|         | 0.00000 |         |         |        |
| -173.24 | 141.42  | -169.71 | 0.00000 | 137.89 |
|         | 0.00000 |         |         |        |
| -183.85 | 134.35  | -176.78 | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -197.99 | 120.21  | -190.92 | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -212.13 | 106.07  | -205.06 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
|         | 91.92   | -219.20 | 0.00000 | 84.85  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

-226.27 0.00000  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 15:11:25  
 \*\*MODELOPTs:

CONC PAGE 101  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S4 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -98.99      | 233.35      | -91.92      | 0.00000 | 226.27      |
| -113.14     | 219.20      | -106.07     | 0.00000 | 212.13      |
| -127.28     | 205.06      | -120.21     | 0.00000 | 197.99      |
| -141.42     | 190.92      | -134.35     | 0.00000 | 183.85      |
| -148.49     | 180.31      | -144.96     | 0.00000 | 176.78      |
| -152.03     | 174.66      | -150.61     | 0.00000 | 173.24      |
| -154.86     | 171.83      | -153.44     | 0.00000 | 170.41      |
| -169.00     | 169.00      | -156.27     | 0.00000 | 156.27      |
| -171.83     | 154.86      | -170.41     | 0.00000 | 153.44      |
| -174.66     | 152.03      | -173.24     | 0.00000 | 150.61      |
| -180.31     | 148.49      | -176.78     | 0.00000 | 144.96      |
| -190.92     | 141.42      | -183.85     | 0.00000 | 134.35      |
| -205.06     | 127.28      | -197.99     | 0.00000 | 120.21      |
| -219.20     | 113.14      | -212.13     | 0.00000 | 106.07      |
| -233.35     | 98.99       | -226.27     | 0.00000 | 91.92       |
| -106.07     | 240.42      | -98.99      | 0.00000 | 233.35      |
| -120.21     | 226.27      | -113.14     | 0.00000 | 219.20      |
| -134.35     | 212.13      | -127.28     | 0.00000 | 205.06      |
| -148.49     | 197.99      | -141.42     | 0.00000 | 190.92      |
|             | 187.38      | -152.03     | 0.00000 | 183.85      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -155.56 | 0.00000 |         |         |        |
|         | 181.73  | -157.68 | 0.00000 | 180.31 |
| -159.10 | 0.00000 |         |         |        |
|         | 178.90  | -160.51 | 0.00000 | 177.48 |
| -161.93 | 0.00000 |         |         |        |
|         | 176.07  | -163.34 | 0.00000 | 163.34 |
| -176.07 | 0.00000 |         |         |        |
|         | 161.93  | -177.48 | 0.00000 | 160.51 |
| -178.90 | 0.00000 |         |         |        |
|         | 159.10  | -180.31 | 0.00000 | 157.68 |
| -181.73 | 0.00000 |         |         |        |
|         | 155.56  | -183.85 | 0.00000 | 152.03 |
| -187.38 | 0.00000 |         |         |        |
|         | 148.49  | -190.92 | 0.00000 | 141.42 |
| -197.99 | 0.00000 |         |         |        |
|         | 134.35  | -205.06 | 0.00000 | 127.28 |
| -212.13 | 0.00000 |         |         |        |
|         | 120.21  | -219.20 | 0.00000 | 113.14 |
| -226.27 | 0.00000 |         |         |        |
|         | 106.07  | -233.35 | 0.00000 | 98.99  |
| -240.42 | 0.00000 |         |         |        |
|         | 247.49  | -106.07 | 0.00000 | 240.42 |
| -113.14 | 0.00000 |         |         |        |
|         | 233.35  | -120.21 | 0.00000 | 226.27 |
| -127.28 | 0.00000 |         |         |        |
|         | 219.20  | -134.35 | 0.00000 | 212.13 |
| -141.42 | 0.00000 |         |         |        |
|         | 205.06  | -148.49 | 0.00000 | 197.99 |
| -155.56 | 0.00000 |         |         |        |
|         | 194.45  | -159.10 | 0.00000 | 190.92 |
| -162.63 | 0.00000 |         |         |        |
|         | 188.80  | -164.76 | 0.00000 | 187.38 |
| -166.17 | 0.00000 |         |         |        |
|         | 185.97  | -167.58 | 0.00000 | 184.55 |
| -169.00 | 0.00000 |         |         |        |
|         | 183.14  | -170.41 | 0.00000 | 170.41 |
| -183.14 | 0.00000 |         |         |        |
|         | 169.00  | -184.55 | 0.00000 | 167.58 |
| -185.97 | 0.00000 |         |         |        |
|         | 166.17  | -187.38 | 0.00000 | 164.76 |
| -188.80 | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 102  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S4 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* 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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -194.45 | 162.63  | -190.92 | 0.00000 | 159.10 |
|         | 0.00000 |         |         |        |
| -205.06 | 155.56  | -197.99 | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -219.20 | 141.42  | -212.13 | 0.00000 | 134.35 |
|         | 0.00000 |         |         |        |
| -233.35 | 127.28  | -226.27 | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -247.49 | 113.14  | -240.42 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

PAGE 103  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -106.07     | 247.49      | 0.00000 | -113.14     |
| 240.42      | 0.00000     |             |         |             |
|             | -120.21     | 233.35      | 0.00000 | -127.28     |
| 226.27      | 0.00000     |             |         |             |
|             | -134.35     | 219.20      | 0.00000 | -141.42     |
| 212.13      | 0.00001     |             |         |             |
|             | -148.49     | 205.06      | 0.00001 | -155.56     |
| 197.99      | 0.00001     |             |         |             |
|             | -159.10     | 194.45      | 0.00001 | -162.63     |
| 190.92      | 0.00001     |             |         |             |
|             | -164.76     | 188.80      | 0.00001 | -166.17     |
| 187.38      | 0.00001     |             |         |             |
|             | -167.58     | 185.97      | 0.00001 | -169.00     |
| 184.55      | 0.00001     |             |         |             |
|             | -170.41     | 183.14      | 0.00001 | -183.14     |
| 170.41      | 0.00000     |             |         |             |
|             | -184.55     | 169.00      | 0.00000 | -185.97     |
| 167.58      | 0.00000     |             |         |             |
|             | -187.38     | 166.17      | 0.00000 | -188.80     |
| 164.76      | 0.00000     |             |         |             |
|             | -190.92     | 162.63      | 0.00000 | -194.45     |
| 159.10      | 0.00000     |             |         |             |
|             | -197.99     | 155.56      | 0.00000 | -205.06     |
| 148.49      | 0.00000     |             |         |             |
|             | -212.13     | 141.42      | 0.00000 | -219.20     |
| 134.35      | 0.00000     |             |         |             |
|             | -226.27     | 127.28      | 0.00000 | -233.35     |
| 120.21      | 0.00000     |             |         |             |
|             | -240.42     | 113.14      | 0.00000 | -247.49     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 106.07 | 0.00000 |        |         |         |
|        | -98.99  | 240.42 | 0.00000 | -106.07 |
| 233.35 | 0.00000 |        |         |         |
|        | -113.14 | 226.27 | 0.00000 | -120.21 |
| 219.20 | 0.00000 |        |         |         |
|        | -127.28 | 212.13 | 0.00000 | -134.35 |
| 205.06 | 0.00001 |        |         |         |
|        | -141.42 | 197.99 | 0.00001 | -148.49 |
| 190.92 | 0.00001 |        |         |         |
|        | -152.03 | 187.38 | 0.00001 | -155.56 |
| 183.85 | 0.00001 |        |         |         |
|        | -157.68 | 181.73 | 0.00001 | -159.10 |
| 180.31 | 0.00001 |        |         |         |
|        | -160.51 | 178.90 | 0.00001 | -161.93 |
| 177.48 | 0.00001 |        |         |         |
|        | -163.34 | 176.07 | 0.00001 | -176.07 |
| 163.34 | 0.00000 |        |         |         |
|        | -177.48 | 161.93 | 0.00000 | -178.90 |
| 160.51 | 0.00000 |        |         |         |
|        | -180.31 | 159.10 | 0.00000 | -181.73 |
| 157.68 | 0.00000 |        |         |         |
|        | -183.85 | 155.56 | 0.00000 | -187.38 |
| 152.03 | 0.00000 |        |         |         |
|        | -190.92 | 148.49 | 0.00000 | -197.99 |
| 141.42 | 0.00000 |        |         |         |
|        | -205.06 | 134.35 | 0.00000 | -212.13 |
| 127.28 | 0.00000 |        |         |         |
|        | -219.20 | 120.21 | 0.00000 | -226.27 |
| 113.14 | 0.00000 |        |         |         |
|        | -233.35 | 106.07 | 0.00000 | -240.42 |
| 98.99  | 0.00000 |        |         |         |
|        | -91.92  | 233.35 | 0.00000 | -98.99  |
| 226.27 | 0.00000 |        |         |         |
|        | -106.07 | 219.20 | 0.00000 | -113.14 |
| 212.13 | 0.00000 |        |         |         |
|        | -120.21 | 205.06 | 0.00000 | -127.28 |
| 197.99 | 0.00001 |        |         |         |
|        | -134.35 | 190.92 | 0.00001 | -141.42 |
| 183.85 | 0.00001 |        |         |         |
|        | -144.96 | 180.31 | 0.00001 | -148.49 |
| 176.78 | 0.00001 |        |         |         |
|        | -150.61 | 174.66 | 0.00001 | -152.03 |
| 173.24 | 0.00001 |        |         |         |
|        | -153.44 | 171.83 | 0.00001 | -154.86 |
| 170.41 | 0.00001 |        |         |         |
|        | -156.27 | 169.00 | 0.00001 | -169.00 |
| 156.27 | 0.00000 |        |         |         |
|        | -170.41 | 154.86 | 0.00000 | -171.83 |
| 153.44 | 0.00000 |        |         |         |
|        | -173.24 | 152.03 | 0.00000 | -174.66 |
| 150.61 | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 104  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | **          |         | ** CONC OF OTHER | IN MICROGRAMS/M**3 |
|-------------|-------------|-------------|---------|------------------|--------------------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    |                  | X-COORD (M)        |
| 144.96      | -176.78     | 148.49      | 0.00000 |                  | -180.31            |
|             | 0.00000     |             |         |                  |                    |
| 134.35      | -183.85     | 141.42      | 0.00000 |                  | -190.92            |
|             | 0.00000     |             |         |                  |                    |
| 120.21      | -197.99     | 127.28      | 0.00000 |                  | -205.06            |
|             | 0.00000     |             |         |                  |                    |
| 106.07      | -212.13     | 113.14      | 0.00000 |                  | -219.20            |
|             | 0.00000     |             |         |                  |                    |
| 91.92       | -226.27     | 99.00       | 0.00000 |                  | -233.35            |
|             | 0.00000     |             |         |                  |                    |
| 219.20      | -84.85      | 226.27      | 0.00000 |                  | -91.92             |
|             | 0.00000     |             |         |                  |                    |
| 205.06      | -98.99      | 212.13      | 0.00000 |                  | -106.07            |
|             | 0.00000     |             |         |                  |                    |
| 190.92      | -113.14     | 197.99      | 0.00001 |                  | -120.21            |
|             | 0.00001     |             |         |                  |                    |
| 176.78      | -127.28     | 183.85      | 0.00001 |                  | -134.35            |
|             | 0.00001     |             |         |                  |                    |
| 169.71      | -137.89     | 173.24      | 0.00001 |                  | -141.42            |
|             | 0.00001     |             |         |                  |                    |
| 166.17      | -143.54     | 167.58      | 0.00001 |                  | -144.96            |
|             | 0.00001     |             |         |                  |                    |
| 163.34      | -146.37     | 164.76      | 0.00001 |                  | -147.79            |
|             | 0.00002     |             |         |                  |                    |
| 149.20      | -149.20     | 161.93      | 0.00002 |                  | -161.93            |
|             | 0.00000     |             |         |                  |                    |
| 146.37      | -163.34     | 147.79      | 0.00000 |                  | -164.76            |
|             | 0.00000     |             |         |                  |                    |
| 143.54      | -166.17     | 144.96      | 0.00000 |                  | -167.58            |
|             | 0.00000     |             |         |                  |                    |
| 137.89      | -169.71     | 141.42      | 0.00000 |                  | -173.24            |
|             | 0.00000     |             |         |                  |                    |
| 127.28      | -176.78     | 134.35      | 0.00000 |                  | -183.85            |
|             | 0.00000     |             |         |                  |                    |
| 113.14      | -190.92     | 120.21      | 0.00000 |                  | -197.99            |
|             | 0.00000     |             |         |                  |                    |
| 99.00       | -205.06     | 106.07      | 0.00000 |                  | -212.13            |
|             | 0.00000     |             |         |                  |                    |
| 84.85       | -219.20     | 91.92       | 0.00000 |                  | -226.27            |
|             | 0.00000     |             |         |                  |                    |
| 212.13      | -77.78      | 219.20      | 0.00000 |                  | -84.85             |
|             | 0.00000     |             |         |                  |                    |
| 197.99      | -91.92      | 205.06      | 0.00000 |                  | -98.99             |
|             | 0.00000     |             |         |                  |                    |
| 183.85      | -106.07     | 190.92      | 0.00001 |                  | -113.14            |
|             | 0.00001     |             |         |                  |                    |
| 169.71      | -120.21     | 176.78      | 0.00001 |                  | -127.28            |
|             | 0.00001     |             |         |                  |                    |
| 162.63      | -130.81     | 166.17      | 0.00001 |                  | -134.35            |
|             | 0.00001     |             |         |                  |                    |
| 159.10      | -136.47     | 160.51      | 0.00001 |                  | -137.89            |
|             | 0.00001     |             |         |                  |                    |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 156.27 | -139.30 | 157.68 | 0.00002 | -140.71 |
|        | 0.00002 |        |         |         |
| 142.13 | -142.13 | 154.86 | 0.00002 | -154.86 |
|        | 0.00000 |        |         |         |
| 139.30 | -156.27 | 140.71 | 0.00000 | -157.68 |
|        | 0.00000 |        |         |         |
| 136.47 | -159.10 | 137.89 | 0.00000 | -160.51 |
|        | 0.00000 |        |         |         |
| 130.81 | -162.63 | 134.35 | 0.00000 | -166.17 |
|        | 0.00000 |        |         |         |
| 120.21 | -169.71 | 127.28 | 0.00000 | -176.78 |
|        | 0.00000 |        |         |         |
| 106.07 | -183.85 | 113.14 | 0.00000 | -190.92 |
|        | 0.00000 |        |         |         |
| 91.92  | -197.99 | 99.00  | 0.00000 | -205.06 |
|        | 0.00000 |        |         |         |
| 77.78  | -212.13 | 84.85  | 0.00000 | -219.20 |
|        | 0.00000 |        |         |         |
| 205.06 | -70.71  | 212.13 | 0.00000 | -77.78  |
|        | 0.00000 |        |         |         |
| 190.92 | -84.85  | 197.99 | 0.00000 | -91.92  |
|        | 0.00000 |        |         |         |
| 176.78 | -98.99  | 183.85 | 0.00001 | -106.07 |
|        | 0.00001 |        |         |         |
| 162.63 | -113.14 | 169.71 | 0.00001 | -120.21 |
|        | 0.00001 |        |         |         |
| 155.56 | -123.74 | 159.10 | 0.00001 | -127.28 |
|        | 0.00001 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -129.40     | 153.44      | 0.00001 | -130.81     |
| 152.03      | 0.00002     |             |         |             |
|             | -132.23     | 150.61      | 0.00002 | -133.64     |
| 149.20      | 0.00002     |             |         |             |
|             | -135.06     | 147.79      | 0.00002 | -147.79     |
| 135.06      | 0.00000     |             |         |             |
|             | -149.20     | 133.64      | 0.00000 | -150.61     |
| 132.23      | 0.00000     |             |         |             |
|             | -152.03     | 130.81      | 0.00000 | -153.44     |
| 129.40      | 0.00000     |             |         |             |
|             | -155.56     | 127.28      | 0.00000 | -159.10     |
| 123.74      | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 113.14 | -162.63 | 120.21 | 0.00000 | -169.71 |
|        | 0.00000 |        |         |         |
| 98.99  | -176.78 | 106.07 | 0.00000 | -183.85 |
|        | 0.00000 |        |         |         |
| 84.85  | -190.92 | 91.92  | 0.00000 | -197.99 |
|        | 0.00000 |        |         |         |
| 70.71  | -205.06 | 77.78  | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 197.99 | -63.64  | 205.06 | 0.00000 | -70.71  |
|        | 0.00000 |        |         |         |
| 183.85 | -77.78  | 190.92 | 0.00000 | -84.85  |
|        | 0.00000 |        |         |         |
| 169.71 | -91.92  | 176.78 | 0.00000 | -98.99  |
|        | 0.00001 |        |         |         |
| 155.56 | -106.07 | 162.63 | 0.00001 | -113.14 |
|        | 0.00001 |        |         |         |
| 148.49 | -116.67 | 152.03 | 0.00001 | -120.21 |
|        | 0.00001 |        |         |         |
| 144.96 | -122.33 | 146.37 | 0.00001 | -123.74 |
|        | 0.00002 |        |         |         |
| 142.13 | -125.16 | 143.54 | 0.00002 | -126.57 |
|        | 0.00002 |        |         |         |
| 127.99 | -127.99 | 140.71 | 0.00002 | -140.71 |
|        | 0.00001 |        |         |         |
| 125.16 | -142.13 | 126.57 | 0.00000 | -143.54 |
|        | 0.00000 |        |         |         |
| 122.33 | -144.96 | 123.74 | 0.00000 | -146.37 |
|        | 0.00000 |        |         |         |
| 116.67 | -148.49 | 120.21 | 0.00000 | -152.03 |
|        | 0.00000 |        |         |         |
| 106.07 | -155.56 | 113.14 | 0.00000 | -162.63 |
|        | 0.00000 |        |         |         |
| 91.92  | -169.71 | 98.99  | 0.00000 | -176.78 |
|        | 0.00000 |        |         |         |
| 77.78  | -183.85 | 84.85  | 0.00000 | -190.92 |
|        | 0.00000 |        |         |         |
| 63.64  | -197.99 | 70.71  | 0.00000 | -205.06 |
|        | 0.00000 |        |         |         |
| 190.92 | -56.57  | 197.99 | 0.00000 | -63.64  |
|        | 0.00000 |        |         |         |
| 176.78 | -70.71  | 183.85 | 0.00000 | -77.78  |
|        | 0.00000 |        |         |         |
| 162.63 | -84.85  | 169.71 | 0.00000 | -91.92  |
|        | 0.00001 |        |         |         |
| 148.49 | -98.99  | 155.56 | 0.00001 | -106.07 |
|        | 0.00001 |        |         |         |
| 141.42 | -109.60 | 144.96 | 0.00001 | -113.14 |
|        | 0.00001 |        |         |         |
| 137.89 | -115.26 | 139.30 | 0.00001 | -116.67 |
|        | 0.00001 |        |         |         |
| 135.06 | -118.09 | 136.47 | 0.00002 | -119.50 |
|        | 0.00002 |        |         |         |
| 120.92 | -120.92 | 133.64 | 0.00002 | -133.64 |
|        | 0.00001 |        |         |         |
| 118.09 | -135.06 | 119.50 | 0.00001 | -136.47 |
|        | 0.00000 |        |         |         |
| 115.26 | -137.89 | 116.67 | 0.00000 | -139.30 |
|        | 0.00000 |        |         |         |
| 109.60 | -141.42 | 113.14 | 0.00000 | -144.96 |
|        | 0.00000 |        |         |         |
| 98.99  | -148.49 | 106.07 | 0.00000 | -155.56 |
|        | 0.00000 |        |         |         |
|        | -162.63 | 91.92  | 0.00000 | -169.71 |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

84.85 0.00000  
 -176.78 77.78 0.00000 -183.85  
 70.71 0.00000  
 -190.92 63.64 0.00000 -197.99  
 56.57 0.00000

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -49.50      | 190.92      | 0.00000     | -56.57  |             |
| 183.85      | 0.00000     |             |         |             |
| -63.64      | 176.78      | 0.00000     | -70.71  |             |
| 169.71      | 0.00000     |             |         |             |
| -77.78      | 162.63      | 0.00000     | -84.85  |             |
| 155.56      | 0.00001     |             |         |             |
| -91.92      | 148.49      | 0.00001     | -98.99  |             |
| 141.42      | 0.00001     |             |         |             |
| -102.53     | 137.89      | 0.00001     | -106.07 |             |
| 134.35      | 0.00001     |             |         |             |
| -108.19     | 132.23      | 0.00001     | -109.60 |             |
| 130.81      | 0.00001     |             |         |             |
| -111.02     | 129.40      | 0.00001     | -112.43 |             |
| 127.99      | 0.00002     |             |         |             |
| -113.84     | 126.57      | 0.00002     | -126.57 |             |
| 113.84      | 0.00001     |             |         |             |
| -127.99     | 112.43      | 0.00001     | -129.40 |             |
| 111.02      | 0.00000     |             |         |             |
| -130.81     | 109.60      | 0.00000     | -132.23 |             |
| 108.19      | 0.00000     |             |         |             |
| -134.35     | 106.07      | 0.00000     | -137.89 |             |
| 102.53      | 0.00000     |             |         |             |
| -141.42     | 98.99       | 0.00000     | -148.49 |             |
| 91.92       | 0.00000     |             |         |             |
| -155.56     | 84.85       | 0.00000     | -162.63 |             |
| 77.78       | 0.00000     |             |         |             |
| -169.71     | 70.71       | 0.00000     | -176.78 |             |
| 63.64       | 0.00000     |             |         |             |
| -183.85     | 56.57       | 0.00000     | -190.92 |             |
| 49.50       | 0.00000     |             |         |             |
| -42.43      | 183.85      | 0.00000     | -49.50  |             |
| 176.78      | 0.00000     |             |         |             |
| -56.57      | 169.71      | 0.00000     | -63.64  |             |
| 162.63      | 0.00000     |             |         |             |
| -70.71      | 155.56      | 0.00000     | -77.78  |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 148.49 | 0.00000 |        |         |         |
|        | -84.85  | 141.42 | 0.00001 | -91.92  |
| 134.35 | 0.00001 |        |         |         |
|        | -95.46  | 130.81 | 0.00001 | -98.99  |
| 127.28 | 0.00001 |        |         |         |
|        | -101.12 | 125.16 | 0.00001 | -102.53 |
| 123.74 | 0.00001 |        |         |         |
|        | -103.94 | 122.33 | 0.00001 | -105.36 |
| 120.92 | 0.00001 |        |         |         |
|        | -106.77 | 119.50 | 0.00002 | -119.50 |
| 106.77 | 0.00001 |        |         |         |
|        | -120.92 | 105.36 | 0.00001 | -122.33 |
| 103.94 | 0.00000 |        |         |         |
|        | -123.74 | 102.53 | 0.00000 | -125.16 |
| 101.12 | 0.00000 |        |         |         |
|        | -127.28 | 98.99  | 0.00000 | -130.81 |
| 95.46  | 0.00000 |        |         |         |
|        | -134.35 | 91.92  | 0.00000 | -141.42 |
| 84.85  | 0.00000 |        |         |         |
|        | -148.49 | 77.78  | 0.00000 | -155.56 |
| 70.71  | 0.00000 |        |         |         |
|        | -162.63 | 63.64  | 0.00000 | -169.71 |
| 56.57  | 0.00000 |        |         |         |
|        | -176.78 | 49.50  | 0.00000 | -183.85 |
| 42.43  | 0.00000 |        |         |         |
|        | -35.36  | 176.78 | 0.00000 | -42.43  |
| 169.71 | 0.00000 |        |         |         |
|        | -49.50  | 162.63 | 0.00000 | -56.57  |
| 155.56 | 0.00000 |        |         |         |
|        | -63.64  | 148.49 | 0.00000 | -70.71  |
| 141.42 | 0.00000 |        |         |         |
|        | -77.78  | 134.35 | 0.00001 | -84.85  |
| 127.28 | 0.00001 |        |         |         |
|        | -88.39  | 123.74 | 0.00001 | -91.92  |
| 120.21 | 0.00001 |        |         |         |
|        | -94.05  | 118.09 | 0.00001 | -95.46  |
| 116.67 | 0.00001 |        |         |         |
|        | -96.87  | 115.26 | 0.00001 | -98.29  |
| 113.84 | 0.00001 |        |         |         |
|        | -99.70  | 112.43 | 0.00001 | -112.43 |
| 99.70  | 0.00001 |        |         |         |
|        | -113.84 | 98.29  | 0.00001 | -115.26 |
| 96.87  | 0.00001 |        |         |         |
|        | -116.67 | 95.46  | 0.00000 | -118.09 |
| 94.05  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 15:11:25

CONC PAGE 107  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 88.39       | -120.21     | 91.92       | 0.00000 | -123.74     |
|             | 0.00000     |             |         |             |
| 77.78       | -127.28     | 84.85       | 0.00000 | -134.35     |
|             | 0.00000     |             |         |             |
| 63.64       | -141.42     | 70.71       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 49.50       | -155.56     | 56.57       | 0.00000 | -162.63     |
|             | 0.00000     |             |         |             |
| 35.36       | -169.71     | 42.43       | 0.00000 | -176.78     |
|             | 0.00000     |             |         |             |
| 162.63      | -28.28      | 169.71      | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
| 148.49      | -42.43      | 155.56      | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| 134.35      | -56.57      | 141.42      | 0.00000 | -63.64      |
|             | 0.00000     |             |         |             |
| 120.21      | -70.71      | 127.28      | 0.00000 | -77.78      |
|             | 0.00001     |             |         |             |
| 113.14      | -81.32      | 116.67      | 0.00001 | -84.85      |
|             | 0.00001     |             |         |             |
| 109.60      | -86.97      | 111.02      | 0.00001 | -88.39      |
|             | 0.00001     |             |         |             |
| 106.77      | -89.80      | 108.19      | 0.00001 | -91.22      |
|             | 0.00001     |             |         |             |
| 92.63       | -92.63      | 105.36      | 0.00001 | -105.36     |
|             | 0.00001     |             |         |             |
| 89.80       | -106.77     | 91.22       | 0.00001 | -108.19     |
|             | 0.00001     |             |         |             |
| 86.97       | -109.60     | 88.39       | 0.00000 | -111.02     |
|             | 0.00000     |             |         |             |
| 81.32       | -113.14     | 84.85       | 0.00000 | -116.67     |
|             | 0.00000     |             |         |             |
| 70.71       | -120.21     | 77.78       | 0.00000 | -127.28     |
|             | 0.00000     |             |         |             |
| 56.57       | -134.35     | 63.64       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 42.43       | -148.49     | 49.50       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
| 28.28       | -162.63     | 35.36       | 0.00000 | -169.71     |
|             | 0.00000     |             |         |             |
| 155.56      | -21.21      | 162.63      | 0.00000 | -28.28      |
|             | 0.00000     |             |         |             |
| 141.42      | -35.36      | 148.49      | 0.00000 | -42.43      |
|             | 0.00000     |             |         |             |
| 127.28      | -49.50      | 134.35      | 0.00000 | -56.57      |
|             | 0.00000     |             |         |             |
| 113.14      | -63.64      | 120.21      | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| 106.07      | -74.25      | 109.60      | 0.00001 | -77.78      |
|             | 0.00001     |             |         |             |
| 102.53      | -79.90      | 103.94      | 0.00001 | -81.32      |
|             | 0.00001     |             |         |             |
| 99.70       | -82.73      | 101.12      | 0.00001 | -84.15      |
|             | 0.00001     |             |         |             |
| 85.56       | -85.56      | 98.29       | 0.00001 | -98.29      |
|             | 0.00001     |             |         |             |
| 82.73       | -99.70      | 84.15       | 0.00001 | -101.12     |
|             | 0.00001     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 79.90  | -102.53 | 81.32  | 0.00000 | -103.94 |
|        | 0.00000 |        |         |         |
| 74.25  | -106.07 | 77.78  | 0.00000 | -109.60 |
|        | 0.00000 |        |         |         |
| 63.64  | -113.14 | 70.71  | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 49.50  | -127.28 | 56.57  | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 35.36  | -141.42 | 42.43  | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 21.21  | -155.56 | 28.28  | 0.00000 | -162.63 |
|        | 0.00000 |        |         |         |
| 148.49 | -14.14  | 155.56 | 0.00000 | -21.21  |
|        | 0.00000 |        |         |         |
| 134.35 | -28.28  | 141.42 | 0.00000 | -35.36  |
|        | 0.00000 |        |         |         |
| 120.21 | -42.43  | 127.28 | 0.00000 | -49.50  |
|        | 0.00000 |        |         |         |
| 106.07 | -56.57  | 113.14 | 0.00000 | -63.64  |
|        | 0.00000 |        |         |         |
| 98.99  | -67.18  | 102.53 | 0.00000 | -70.71  |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -72.83      | 96.87       | 0.00000 | -74.25      |
| 95.46       | 0.00000     |             |         |             |
|             | -75.66      | 94.05       | 0.00001 | -77.07      |
| 92.63       | 0.00001     |             |         |             |
|             | -78.49      | 91.22       | 0.00001 | -91.22      |
| 78.49       | 0.00001     |             |         |             |
|             | -92.63      | 77.07       | 0.00000 | -94.05      |
| 75.66       | 0.00000     |             |         |             |
|             | -95.46      | 74.25       | 0.00000 | -96.87      |
| 72.83       | 0.00000     |             |         |             |
|             | -98.99      | 70.71       | 0.00000 | -102.53     |
| 67.18       | 0.00000     |             |         |             |
|             | -106.07     | 63.64       | 0.00000 | -113.14     |
| 56.57       | 0.00000     |             |         |             |
|             | -120.21     | 49.50       | 0.00000 | -127.28     |
| 42.43       | 0.00000     |             |         |             |
|             | -134.35     | 35.36       | 0.00000 | -141.42     |
| 28.28       | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
|        | -148.49 | 21.21  | 0.00000 | -155.56 |
| 14.14  | 0.00000 |        |         |         |
|        | -7.07   | 148.49 | 0.00000 | -14.14  |
| 141.42 | 0.00000 |        |         |         |
|        | -21.21  | 134.35 | 0.00000 | -28.28  |
| 127.28 | 0.00000 |        |         |         |
|        | -35.36  | 120.21 | 0.00000 | -42.43  |
| 113.14 | 0.00000 |        |         |         |
|        | -49.50  | 106.07 | 0.00000 | -56.57  |
| 98.99  | 0.00000 |        |         |         |
|        | -60.10  | 95.46  | 0.00000 | -63.64  |
| 91.92  | 0.00000 |        |         |         |
|        | -65.76  | 89.80  | 0.00000 | -67.18  |
| 88.39  | 0.00000 |        |         |         |
|        | -68.59  | 86.97  | 0.00000 | -70.00  |
| 85.56  | 0.00000 |        |         |         |
|        | -71.42  | 84.15  | 0.00000 | -84.15  |
| 71.42  | 0.00000 |        |         |         |
|        | -85.56  | 70.00  | 0.00000 | -86.97  |
| 68.59  | 0.00000 |        |         |         |
|        | -88.39  | 67.18  | 0.00000 | -89.80  |
| 65.76  | 0.00000 |        |         |         |
|        | -91.92  | 63.64  | 0.00000 | -95.46  |
| 60.10  | 0.00000 |        |         |         |
|        | -98.99  | 56.57  | 0.00000 | -106.07 |
| 49.50  | 0.00000 |        |         |         |
|        | -113.14 | 42.43  | 0.00000 | -120.21 |
| 35.36  | 0.00000 |        |         |         |
|        | -127.28 | 28.28  | 0.00000 | -134.35 |
| 21.21  | 0.00000 |        |         |         |
|        | -141.42 | 14.14  | 0.00000 | -148.49 |
| 7.07   | 0.00000 |        |         |         |
|        | 0.00    | 141.42 | 0.00000 | -7.07   |
| 134.35 | 0.00000 |        |         |         |
|        | -14.14  | 127.28 | 0.00000 | -21.21  |
| 120.21 | 0.00000 |        |         |         |
|        | -28.28  | 113.14 | 0.00000 | -35.36  |
| 106.07 | 0.00000 |        |         |         |
|        | -42.43  | 98.99  | 0.00000 | -49.50  |
| 91.92  | 0.00000 |        |         |         |
|        | -53.03  | 88.39  | 0.00000 | -56.57  |
| 84.85  | 0.00000 |        |         |         |
|        | -58.69  | 82.73  | 0.00000 | -60.10  |
| 81.32  | 0.00000 |        |         |         |
|        | -61.52  | 79.90  | 0.00000 | -62.93  |
| 78.49  | 0.00000 |        |         |         |
|        | -64.35  | 77.07  | 0.00000 | -77.07  |
| 64.35  | 0.00000 |        |         |         |
|        | -78.49  | 62.93  | 0.00000 | -79.90  |
| 61.52  | 0.00000 |        |         |         |
|        | -81.32  | 60.10  | 0.00000 | -82.73  |
| 58.69  | 0.00000 |        |         |         |
|        | -84.85  | 56.57  | 0.00000 | -88.39  |
| 53.03  | 0.00000 |        |         |         |
|        | -91.92  | 49.50  | 0.00000 | -98.99  |
| 42.43  | 0.00000 |        |         |         |
|        | -106.07 | 35.36  | 0.00000 | -113.14 |
| 28.28  | 0.00000 |        |         |         |
|        | -120.21 | 21.21  | 0.00000 | -127.28 |
| 14.14  | 0.00000 |        |         |         |
|        | -134.35 | 7.07   | 0.00000 | -141.42 |
| 0.00   | 0.00000 |        |         |         |

\*\*\*

06/13/08

\*\*\*

Maximum train overlap at SE/NW Bound

15:11:25

Direction  
\*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 127.28      | 7.07        | 134.35      | 0.00000 | 0.00        |
|             | 0.00000     |             |         |             |
| 113.14      | -7.07       | 120.21      | 0.00000 | -14.14      |
|             | 0.00000     |             |         |             |
| 98.99       | -21.21      | 106.07      | 0.00000 | -28.28      |
|             | 0.00000     |             |         |             |
| 84.85       | -35.36      | 91.92       | 0.00000 | -42.43      |
|             | 0.00000     |             |         |             |
| 77.78       | -45.96      | 81.32       | 0.00000 | -49.50      |
|             | 0.00000     |             |         |             |
| 74.25       | -51.62      | 75.66       | 0.00000 | -53.03      |
|             | 0.00000     |             |         |             |
| 71.42       | -54.45      | 72.83       | 0.00000 | -55.86      |
|             | 0.00000     |             |         |             |
| 57.28       | -57.28      | 70.00       | 0.00000 | -70.00      |
|             | 0.00000     |             |         |             |
| 54.45       | -71.42      | 55.86       | 0.00000 | -72.83      |
|             | 0.00000     |             |         |             |
| 51.62       | -74.25      | 53.03       | 0.00000 | -75.66      |
|             | 0.00000     |             |         |             |
| 45.96       | -77.78      | 49.50       | 0.00000 | -81.32      |
|             | 0.00000     |             |         |             |
| 35.36       | -84.85      | 42.43       | 0.00000 | -91.92      |
|             | 0.00000     |             |         |             |
| 21.21       | -98.99      | 28.28       | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| 7.07        | -113.14     | 14.14       | 0.00000 | -120.21     |
|             | 0.00000     |             |         |             |
| -7.07       | -127.28     | 0.00        | 0.00000 | -134.35     |
|             | 0.00000     |             |         |             |
| 120.21      | 14.14       | 127.28      | 0.00000 | 7.07        |
|             | 0.00000     |             |         |             |
| 106.07      | 0.00        | 113.14      | 0.00000 | -7.07       |
|             | 0.00000     |             |         |             |
| 91.92       | -14.14      | 98.99       | 0.00000 | -21.21      |
|             | 0.00000     |             |         |             |
| 77.78       | -28.28      | 84.85       | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
| 70.71       | -38.89      | 74.25       | 0.00000 | -42.43      |
|             | 0.00000     |             |         |             |
|             | -44.55      | 68.59       | 0.00000 | -45.96      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 67.18  | 0.00000 |        |         |         |
|        | -47.38  | 65.76  | 0.00000 | -48.79  |
| 64.35  | 0.00000 |        |         |         |
|        | -50.20  | 62.93  | 0.00000 | -62.93  |
| 50.20  | 0.00000 |        |         |         |
|        | -64.35  | 48.79  | 0.00000 | -65.76  |
| 47.38  | 0.00000 |        |         |         |
|        | -67.18  | 45.96  | 0.00000 | -68.59  |
| 44.55  | 0.00000 |        |         |         |
|        | -70.71  | 42.43  | 0.00000 | -74.25  |
| 38.89  | 0.00000 |        |         |         |
|        | -77.78  | 35.36  | 0.00000 | -84.85  |
| 28.28  | 0.00000 |        |         |         |
|        | -91.92  | 21.21  | 0.00000 | -98.99  |
| 14.14  | 0.00000 |        |         |         |
|        | -106.07 | 7.07   | 0.00000 | -113.14 |
| 0.00   | 0.00000 |        |         |         |
|        | -120.21 | -7.07  | 0.00000 | -127.28 |
| -14.14 | 0.00000 |        |         |         |
|        | 21.21   | 120.21 | 0.00000 | 14.14   |
| 113.14 | 0.00000 |        |         |         |
|        | 7.07    | 106.07 | 0.00000 | 0.00    |
| 98.99  | 0.00000 |        |         |         |
|        | -7.07   | 91.92  | 0.00000 | -14.14  |
| 84.85  | 0.00000 |        |         |         |
|        | -21.21  | 77.78  | 0.00000 | -28.28  |
| 70.71  | 0.00000 |        |         |         |
|        | -31.82  | 67.18  | 0.00000 | -35.36  |
| 63.64  | 0.00000 |        |         |         |
|        | -37.48  | 61.52  | 0.00000 | -38.89  |
| 60.10  | 0.00000 |        |         |         |
|        | -40.31  | 58.69  | 0.00000 | -41.72  |
| 57.28  | 0.00000 |        |         |         |
|        | -43.13  | 55.86  | 0.00000 | -55.86  |
| 43.13  | 0.00000 |        |         |         |
|        | -57.28  | 41.72  | 0.00000 | -58.69  |
| 40.31  | 0.00000 |        |         |         |
|        | -60.10  | 38.89  | 0.00000 | -61.52  |
| 37.48  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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CONC URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* 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        |         |             |
| -63.64      | 35.36       | 0.00000 | -67.18      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 31.82  | 0.00000 |        |         |         |
|        | -70.71  | 28.28  | 0.00000 | -77.78  |
| 21.21  | 0.00000 |        |         |         |
|        | -84.85  | 14.14  | 0.00000 | -91.92  |
| 7.07   | 0.00000 |        |         |         |
|        | -98.99  | 0.00   | 0.00000 | -106.07 |
| -7.07  | 0.00000 |        |         |         |
|        | -113.14 | -14.14 | 0.00000 | -120.21 |
| -21.21 | 0.00000 |        |         |         |
|        | 28.28   | 113.14 | 0.00000 | 21.21   |
| 106.07 | 0.00000 |        |         |         |
|        | 14.14   | 98.99  | 0.00000 | 7.07    |
| 91.92  | 0.00000 |        |         |         |
|        | 0.00    | 84.85  | 0.00000 | -7.07   |
| 77.78  | 0.00000 |        |         |         |
|        | -14.14  | 70.71  | 0.00000 | -21.21  |
| 63.64  | 0.00000 |        |         |         |
|        | -24.75  | 60.10  | 0.00000 | -28.28  |
| 56.57  | 0.00000 |        |         |         |
|        | -30.41  | 54.45  | 0.00000 | -31.82  |
| 53.03  | 0.00000 |        |         |         |
|        | -33.23  | 51.62  | 0.00000 | -34.65  |
| 50.20  | 0.00000 |        |         |         |
|        | -36.06  | 48.79  | 0.00000 | -48.79  |
| 36.06  | 0.00000 |        |         |         |
|        | -50.20  | 34.65  | 0.00000 | -51.62  |
| 33.23  | 0.00000 |        |         |         |
|        | -53.03  | 31.82  | 0.00000 | -54.45  |
| 30.41  | 0.00000 |        |         |         |
|        | -56.57  | 28.28  | 0.00000 | -60.10  |
| 24.75  | 0.00000 |        |         |         |
|        | -63.64  | 21.21  | 0.00000 | -70.71  |
| 14.14  | 0.00000 |        |         |         |
|        | -77.78  | 7.07   | 0.00000 | -84.85  |
| 0.00   | 0.00000 |        |         |         |
|        | -91.92  | -7.07  | 0.00000 | -98.99  |
| -14.14 | 0.00000 |        |         |         |
|        | -106.07 | -21.21 | 0.00000 | -113.14 |
| -28.28 | 0.00000 |        |         |         |
|        | 35.36   | 106.07 | 0.00000 | 28.28   |
| 98.99  | 0.00000 |        |         |         |
|        | 21.21   | 91.92  | 0.00000 | 14.14   |
| 84.85  | 0.00000 |        |         |         |
|        | 7.07    | 77.78  | 0.00000 | 0.00    |
| 70.71  | 0.00000 |        |         |         |
|        | -7.07   | 63.64  | 0.00000 | -14.14  |
| 56.57  | 0.00000 |        |         |         |
|        | -17.68  | 53.03  | 0.00000 | -21.21  |
| 49.50  | 0.00000 |        |         |         |
|        | -23.33  | 47.38  | 0.00000 | -24.75  |
| 45.96  | 0.00000 |        |         |         |
|        | -26.16  | 44.55  | 0.00000 | -27.58  |
| 43.13  | 0.00000 |        |         |         |
|        | -28.99  | 41.72  | 0.00000 | -41.72  |
| 28.99  | 0.00000 |        |         |         |
|        | -43.13  | 27.58  | 0.00000 | -44.55  |
| 26.16  | 0.00000 |        |         |         |
|        | -45.96  | 24.75  | 0.00000 | -47.38  |
| 23.33  | 0.00000 |        |         |         |
|        | -49.50  | 21.21  | 0.00000 | -53.03  |
| 17.68  | 0.00000 |        |         |         |
|        | -56.57  | 14.14  | 0.00000 | -63.64  |
| 7.07   | 0.00000 |        |         |         |



| 05_13NCRA_SR03-300_ACROLEIN_TRAV_ANN_SE-NW_BOUND_CORRECTED |         |        |         |         |
|--|---------|--------|---------|---------|
| -7.07  | -70.71  | 0.00   | 0.00000 | -77.78  |
|  | 0.00000 |        |         |         |
| -21.21   | -84.85  | -14.14 | 0.00000 | -91.92  |
|  | 0.00000 |        |         |         |
| -35.36   | -98.99  | -28.28 | 0.00000 | -106.07 |
|  | 0.00000 |        |         |         |
| 91.92  | 42.43   | 98.99  | 0.00000 | 35.36   |
|  | 0.00000 |        |         |         |
| 77.78  | 28.28   | 84.85  | 0.00000 | 21.21   |
|  | 0.00000 |        |         |         |
| 63.64  | 14.14   | 70.71  | 0.00000 | 7.07    |
|  | 0.00000 |        |         |         |
| 49.50  | 0.00    | 56.57  | 0.00000 | -7.07   |
|  | 0.00000 |        |         |         |
| 42.43  | -10.61  | 45.96  | 0.00000 | -14.14  |
|  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF OTHER IN MICROGRAMS/M**3 |             |             |         |             |
|-------------------------------------|-------------|-------------|---------|-------------|
| Y-COORD (M)                         | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|                                     | -16.26      | 40.31       | 0.00000 | -17.68      |
| 38.89                               | 0.00000     |             |         |             |
|                                     | -19.09      | 37.48       | 0.00000 | -20.51      |
| 36.06                               | 0.00000     |             |         |             |
|                                     | -21.92      | 34.65       | 0.00000 | -34.65      |
| 21.92                               | 0.00000     |             |         |             |
|                                     | -36.06      | 20.51       | 0.00000 | -37.48      |
| 19.09                               | 0.00000     |             |         |             |
|                                     | -38.89      | 17.68       | 0.00000 | -40.31      |
| 16.26                               | 0.00000     |             |         |             |
|                                     | -42.43      | 14.14       | 0.00000 | -45.96      |
| 10.61                               | 0.00000     |             |         |             |
|                                     | -49.50      | 7.07        | 0.00000 | -56.57      |
| 0.00                                | 0.00000     |             |         |             |
|                                     | -63.64      | -7.07       | 0.00000 | -70.71      |
| -14.14                              | 0.00000     |             |         |             |
|                                     | -77.78      | -21.21      | 0.00000 | -84.85      |
| -28.28                              | 0.00000     |             |         |             |
|                                     | -91.92      | -35.36      | 0.00000 | -98.99      |
| -42.43                              | 0.00000     |             |         |             |
|                                     | 49.50       | 91.92       | 0.00000 | 42.43       |
| 84.85                               | 0.00000     |             |         |             |
|                                     | 35.36       | 77.78       | 0.00000 | 28.28       |
| 70.71                               | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 56.57  | 21.21   | 63.64  | 0.00000 | 14.14  |
|        | 0.00000 |        |         |        |
| 42.43  | 7.07    | 49.50  | 0.00000 | 0.00   |
|        | 0.00000 |        |         |        |
| 35.36  | -3.54   | 38.89  | 0.00000 | -7.07  |
|        | 0.00000 |        |         |        |
| 31.82  | -9.19   | 33.23  | 0.00000 | -10.61 |
|        | 0.00000 |        |         |        |
| 28.99  | -12.02  | 30.41  | 0.00000 | -13.44 |
|        | 0.00000 |        |         |        |
| 14.85  | -14.85  | 27.58  | 0.00000 | -27.58 |
|        | 0.00000 |        |         |        |
| 12.02  | -28.99  | 13.44  | 0.00000 | -30.41 |
|        | 0.00000 |        |         |        |
| 9.19   | -31.82  | 10.61  | 0.00000 | -33.23 |
|        | 0.00000 |        |         |        |
| 3.54   | -35.36  | 7.07   | 0.00000 | -38.89 |
|        | 0.00000 |        |         |        |
| -7.07  | -42.43  | 0.00   | 0.00000 | -49.50 |
|        | 0.00000 |        |         |        |
| -21.21 | -56.57  | -14.14 | 0.00000 | -63.64 |
|        | 0.00000 |        |         |        |
| -35.36 | -70.71  | -28.28 | 0.00000 | -77.78 |
|        | 0.00000 |        |         |        |
| -49.50 | -84.85  | -42.43 | 0.00000 | -91.92 |
|        | 0.00000 |        |         |        |
| 77.78  | 56.57   | 84.85  | 0.00000 | 49.50  |
|        | 0.00000 |        |         |        |
| 63.64  | 42.43   | 70.71  | 0.00000 | 35.36  |
|        | 0.00000 |        |         |        |
| 49.50  | 28.28   | 56.57  | 0.00000 | 21.21  |
|        | 0.00000 |        |         |        |
| 35.36  | 14.14   | 42.43  | 0.00000 | 7.07   |
|        | 0.00000 |        |         |        |
| 28.28  | 3.54    | 31.82  | 0.00000 | 0.00   |
|        | 0.00000 |        |         |        |
| 24.75  | -2.12   | 26.16  | 0.00000 | -3.54  |
|        | 0.00000 |        |         |        |
| 21.92  | -4.95   | 23.33  | 0.00000 | -6.36  |
|        | 0.00000 |        |         |        |
| 7.78   | -7.78   | 20.51  | 0.00000 | -20.51 |
|        | 0.00000 |        |         |        |
| 4.95   | -21.92  | 6.36   | 0.00000 | -23.33 |
|        | 0.00000 |        |         |        |
| 2.12   | -24.75  | 3.54   | 0.00000 | -26.16 |
|        | 0.00000 |        |         |        |
| -3.54  | -28.28  | 0.00   | 0.00000 | -31.82 |
|        | 0.00000 |        |         |        |
| -14.14 | -35.36  | -7.07  | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -28.28 | -49.50  | -21.21 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -42.43 | -63.64  | -35.36 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| -56.57 | -77.78  | -49.50 | 0.00000 | -84.85 |
|        | 0.00000 |        |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

CONC

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* \*\* DI SCRETE CARTESIAN RECEPTOR POINTS

|             |             | ** CONC OF OTHER IN MICROGRAMS/M**3 |             |
|-------------|-------------|-------------------------------------|-------------|
| **          |             |                                     |             |
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)                         | X-COORD (M) |
|             | CONC        |                                     | CONC        |
| 70.71       | 63.64       | 77.78                               | 0.00000     |
| 56.57       | 49.50       | 63.64                               | 0.00000     |
| 42.43       | 35.36       | 49.50                               | 0.00000     |
| 28.28       | 21.21       | 35.36                               | 0.00000     |
| 21.21       | 10.61       | 24.75                               | 0.00000     |
| 17.68       | 4.95        | 19.09                               | 0.00000     |
| 14.85       | 2.12        | 16.26                               | 0.00000     |
| 0.71        | -0.71       | 13.44                               | 0.00000     |
| -2.12       | -14.85      | -0.71                               | 0.00000     |
| -4.95       | -17.68      | -3.54                               | 0.00000     |
| -10.61      | -21.21      | -7.07                               | 0.00000     |
| -21.21      | -28.28      | -14.14                              | 0.00000     |
| -35.36      | -42.43      | -28.28                              | 0.00000     |
| -49.50      | -56.57      | -42.43                              | 0.00000     |
| -63.64      | -70.71      | -56.57                              | 0.00000     |
| 63.64       | 70.71       | 70.71                               | 0.00000     |
| 49.50       | 56.57       | 56.57                               | 0.00000     |
| 35.36       | 42.43       | 42.43                               | 0.00000     |
| 21.21       | 28.28       | 28.28                               | 0.00000     |
| 14.14       | 17.68       | 17.68                               | 0.00000     |
| 10.61       | 12.02       | 12.02                               | 0.00000     |
| 7.78        | 9.19        | 9.19                                | 0.00000     |
| -6.36       | 6.36        | 6.36                                | 0.00000     |
|             | -7.78       | -7.78                               | 0.00000     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -9.19  | 0.00000 |        |         |        |
|        | -10.61  | -10.61 | 0.00000 | -12.02 |
| -12.02 | 0.00000 |        |         |        |
|        | -14.14  | -14.14 | 0.00000 | -17.68 |
| -17.68 | 0.00000 |        |         |        |
|        | -21.21  | -21.21 | 0.00000 | -28.28 |
| -28.28 | 0.00000 |        |         |        |
|        | -35.36  | -35.36 | 0.00000 | -42.43 |
| -42.43 | 0.00000 |        |         |        |
|        | -49.50  | -49.50 | 0.00000 | -56.57 |
| -56.57 | 0.00000 |        |         |        |
|        | -63.64  | -63.64 | 0.00000 | -70.71 |
| -70.71 | 0.00000 |        |         |        |
|        | 77.78   | 63.64  | 0.00000 | 70.71  |
| 56.57  | 0.00000 |        |         |        |
|        | 63.64   | 49.50  | 0.00000 | 56.57  |
| 42.43  | 0.00000 |        |         |        |
|        | 49.50   | 35.36  | 0.00000 | 42.43  |
| 28.28  | 0.00000 |        |         |        |
|        | 35.36   | 21.21  | 0.00000 | 28.28  |
| 14.14  | 0.00000 |        |         |        |
|        | 24.75   | 10.61  | 0.00000 | 21.21  |
| 7.07   | 0.00000 |        |         |        |
|        | 19.09   | 4.95   | 0.00000 | 17.68  |
| 3.54   | 0.00000 |        |         |        |
|        | 16.26   | 2.12   | 0.00000 | 14.85  |
| 0.71   | 0.00000 |        |         |        |
|        | 13.44   | -0.71  | 0.00000 | 0.71   |
| -13.44 | 0.00000 |        |         |        |
|        | -0.71   | -14.85 | 0.00000 | -2.12  |
| -16.26 | 0.00000 |        |         |        |
|        | -3.54   | -17.68 | 0.00000 | -4.95  |
| -19.09 | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 113  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -24.75      | -7.07       | -21.21      | 0.00000 | -10.61      |
|             | 0.00000     |             |         |             |
| -35.36      | -14.14      | -28.28      | 0.00000 | -21.21      |
|             | 0.00000     |             |         |             |
| -49.50      | -28.28      | -42.43      | 0.00000 | -35.36      |
|             | 0.00000     |             |         |             |
|             | -42.43      | -56.57      | 0.00000 | -49.50      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -63.64 | 0.00000 |        |         |        |
|        | -56.57  | -70.71 | 0.00000 | -63.64 |
| -77.78 | 0.00000 |        |         |        |
|        | 84.85   | 56.57  | 0.00000 | 77.78  |
| 49.50  | 0.00000 |        |         |        |
|        | 70.71   | 42.43  | 0.00000 | 63.64  |
| 35.36  | 0.00000 |        |         |        |
|        | 56.57   | 28.28  | 0.00000 | 49.50  |
| 21.21  | 0.00000 |        |         |        |
|        | 42.43   | 14.14  | 0.00000 | 35.36  |
| 7.07   | 0.00000 |        |         |        |
|        | 31.82   | 3.54   | 0.00000 | 28.28  |
| 0.00   | 0.00000 |        |         |        |
|        | 26.16   | -2.12  | 0.00000 | 24.75  |
| -3.54  | 0.00000 |        |         |        |
|        | 23.33   | -4.95  | 0.00000 | 21.92  |
| -6.36  | 0.00000 |        |         |        |
|        | 20.51   | -7.78  | 0.00000 | 7.78   |
| -20.51 | 0.00000 |        |         |        |
|        | 6.36    | -21.92 | 0.00000 | 4.95   |
| -23.33 | 0.00000 |        |         |        |
|        | 3.54    | -24.75 | 0.00000 | 2.12   |
| -26.16 | 0.00000 |        |         |        |
|        | 0.00    | -28.28 | 0.00000 | -3.54  |
| -31.82 | 0.00000 |        |         |        |
|        | -7.07   | -35.36 | 0.00000 | -14.14 |
| -42.43 | 0.00000 |        |         |        |
|        | -21.21  | -49.50 | 0.00000 | -28.28 |
| -56.57 | 0.00000 |        |         |        |
|        | -35.36  | -63.64 | 0.00000 | -42.43 |
| -70.71 | 0.00000 |        |         |        |
|        | -49.50  | -77.78 | 0.00000 | -56.57 |
| -84.85 | 0.00000 |        |         |        |
|        | 91.92   | 49.50  | 0.00000 | 84.85  |
| 42.43  | 0.00000 |        |         |        |
|        | 77.78   | 35.36  | 0.00000 | 70.71  |
| 28.28  | 0.00000 |        |         |        |
|        | 63.64   | 21.21  | 0.00000 | 56.57  |
| 14.14  | 0.00000 |        |         |        |
|        | 49.50   | 7.07   | 0.00000 | 42.43  |
| 0.00   | 0.00000 |        |         |        |
|        | 38.89   | -3.54  | 0.00000 | 35.36  |
| -7.07  | 0.00000 |        |         |        |
|        | 33.23   | -9.19  | 0.00000 | 31.82  |
| -10.61 | 0.00000 |        |         |        |
|        | 30.41   | -12.02 | 0.00000 | 28.99  |
| -13.44 | 0.00000 |        |         |        |
|        | 27.58   | -14.85 | 0.00000 | 14.85  |
| -27.58 | 0.00000 |        |         |        |
|        | 13.44   | -28.99 | 0.00000 | 12.02  |
| -30.41 | 0.00000 |        |         |        |
|        | 10.61   | -31.82 | 0.00000 | 9.19   |
| -33.23 | 0.00000 |        |         |        |
|        | 7.07    | -35.36 | 0.00000 | 3.54   |
| -38.89 | 0.00000 |        |         |        |
|        | 0.00    | -42.43 | 0.00000 | -7.07  |
| -49.50 | 0.00000 |        |         |        |
|        | -14.14  | -56.57 | 0.00000 | -21.21 |
| -63.64 | 0.00000 |        |         |        |
|        | -28.28  | -70.71 | 0.00000 | -35.36 |
| -77.78 | 0.00000 |        |         |        |
|        | -42.43  | -84.85 | 0.00000 | -49.50 |
| -91.92 | 0.00000 |        |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |       |
|--------|---------|--------|---------|-------|
|        | 98.99   | 42.43  | 0.00000 | 91.92 |
| 35.36  | 0.00000 |        |         |       |
|        | 84.85   | 28.28  | 0.00000 | 77.78 |
| 21.21  | 0.00000 |        |         |       |
|        | 70.71   | 14.14  | 0.00000 | 63.64 |
| 7.07   | 0.00000 |        |         |       |
|        | 56.57   | 0.00   | 0.00000 | 49.50 |
| -7.07  | 0.00000 |        |         |       |
|        | 45.96   | -10.61 | 0.00000 | 42.43 |
| -14.14 | 0.00000 |        |         |       |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

PAGE 114  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | 40.31       | -16.26      | 0.00000 | 38.89       |
| -17.68      | 0.00000     |             |         |             |
|             | 37.48       | -19.09      | 0.00000 | 36.06       |
| -20.51      | 0.00000     |             |         |             |
|             | 34.65       | -21.92      | 0.00000 | 21.92       |
| -34.65      | 0.00000     |             |         |             |
|             | 20.51       | -36.06      | 0.00000 | 19.09       |
| -37.48      | 0.00000     |             |         |             |
|             | 17.68       | -38.89      | 0.00000 | 16.26       |
| -40.31      | 0.00000     |             |         |             |
|             | 14.14       | -42.43      | 0.00000 | 10.61       |
| -45.96      | 0.00000     |             |         |             |
|             | 7.07        | -49.50      | 0.00000 | 0.00        |
| -56.57      | 0.00000     |             |         |             |
|             | -7.07       | -63.64      | 0.00000 | -14.14      |
| -70.71      | 0.00000     |             |         |             |
|             | -21.21      | -77.78      | 0.00000 | -28.28      |
| -84.85      | 0.00000     |             |         |             |
|             | -35.36      | -91.92      | 0.00000 | -42.43      |
| -98.99      | 0.00000     |             |         |             |
|             | 106.07      | 35.36       | 0.00000 | 98.99       |
| 28.28       | 0.00000     |             |         |             |
|             | 91.92       | 21.21       | 0.00000 | 84.85       |
| 14.14       | 0.00000     |             |         |             |
|             | 77.78       | 7.07        | 0.00000 | 70.71       |
| 0.00        | 0.00000     |             |         |             |
|             | 63.64       | -7.07       | 0.00000 | 56.57       |
| -14.14      | 0.00000     |             |         |             |
|             | 53.03       | -17.68      | 0.00000 | 49.50       |
| -21.21      | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -24.75  | 47.38   | -23.33  | 0.00000 | 45.96  |
|         | 0.00000 |         |         |        |
| -27.58  | 44.55   | -26.16  | 0.00000 | 43.13  |
|         | 0.00000 |         |         |        |
| -41.72  | 41.72   | -28.99  | 0.00000 | 28.99  |
|         | 0.00000 |         |         |        |
| -44.55  | 27.58   | -43.13  | 0.00000 | 26.16  |
|         | 0.00000 |         |         |        |
| -47.38  | 24.75   | -45.96  | 0.00000 | 23.33  |
|         | 0.00000 |         |         |        |
| -53.03  | 21.21   | -49.50  | 0.00000 | 17.68  |
|         | 0.00000 |         |         |        |
| -63.64  | 14.14   | -56.57  | 0.00000 | 7.07   |
|         | 0.00000 |         |         |        |
| -77.78  | 0.00    | -70.71  | 0.00000 | -7.07  |
|         | 0.00000 |         |         |        |
| -91.92  | -14.14  | -84.85  | 0.00000 | -21.21 |
|         | 0.00000 |         |         |        |
| -106.07 | -28.28  | -98.99  | 0.00000 | -35.36 |
|         | 0.00000 |         |         |        |
| 21.21   | 113.14  | 28.28   | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| 7.07    | 98.99   | 14.14   | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -7.07   | 84.85   | 0.00    | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -21.21  | 70.71   | -14.14  | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -28.28  | 60.10   | -24.75  | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -31.82  | 54.45   | -30.41  | 0.00000 | 53.03  |
|         | 0.00000 |         |         |        |
| -34.65  | 51.62   | -33.23  | 0.00000 | 50.20  |
|         | 0.00000 |         |         |        |
| -48.79  | 48.79   | -36.06  | 0.00000 | 36.06  |
|         | 0.00000 |         |         |        |
| -51.62  | 34.65   | -50.20  | 0.00000 | 33.23  |
|         | 0.00000 |         |         |        |
| -54.45  | 31.82   | -53.03  | 0.00000 | 30.41  |
|         | 0.00000 |         |         |        |
| -60.10  | 28.28   | -56.57  | 0.00000 | 24.75  |
|         | 0.00000 |         |         |        |
| -70.71  | 21.21   | -63.64  | 0.00000 | 14.14  |
|         | 0.00000 |         |         |        |
| -84.85  | 7.07    | -77.78  | 0.00000 | 0.00   |
|         | 0.00000 |         |         |        |
| -98.99  | -7.07   | -91.92  | 0.00000 | -14.14 |
|         | 0.00000 |         |         |        |
| -113.14 | -21.21  | -106.07 | 0.00000 | -28.28 |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 15: 11: 25

CONC PAGE 115  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | 120.21      | 21.21       | 0.00000 | 113.14      |
| 14.14       | 0.00000     |             |         |             |
|             | 106.07      | 7.07        | 0.00000 | 98.99       |
| 0.00        | 0.00000     |             |         |             |
|             | 91.92       | -7.07       | 0.00000 | 84.85       |
| -14.14      | 0.00000     |             |         |             |
|             | 77.78       | -21.21      | 0.00000 | 70.71       |
| -28.28      | 0.00000     |             |         |             |
|             | 67.18       | -31.82      | 0.00000 | 63.64       |
| -35.36      | 0.00000     |             |         |             |
|             | 61.52       | -37.48      | 0.00000 | 60.10       |
| -38.89      | 0.00000     |             |         |             |
|             | 58.69       | -40.31      | 0.00000 | 57.28       |
| -41.72      | 0.00000     |             |         |             |
|             | 55.86       | -43.13      | 0.00000 | 43.13       |
| -55.86      | 0.00000     |             |         |             |
|             | 41.72       | -57.28      | 0.00000 | 40.31       |
| -58.69      | 0.00000     |             |         |             |
|             | 38.89       | -60.10      | 0.00000 | 37.48       |
| -61.52      | 0.00000     |             |         |             |
|             | 35.36       | -63.64      | 0.00000 | 31.82       |
| -67.18      | 0.00000     |             |         |             |
|             | 28.28       | -70.71      | 0.00000 | 21.21       |
| -77.78      | 0.00000     |             |         |             |
|             | 14.14       | -84.85      | 0.00000 | 7.07        |
| -91.92      | 0.00000     |             |         |             |
|             | 0.00        | -98.99      | 0.00000 | -7.07       |
| -106.07     | 0.00000     |             |         |             |
|             | -14.14      | -113.14     | 0.00000 | -21.21      |
| -120.21     | 0.00000     |             |         |             |
|             | 127.28      | 14.14       | 0.00000 | 120.21      |
| 7.07        | 0.00000     |             |         |             |
|             | 113.14      | 0.00        | 0.00000 | 106.07      |
| -7.07       | 0.00000     |             |         |             |
|             | 98.99       | -14.14      | 0.00000 | 91.92       |
| -21.21      | 0.00000     |             |         |             |
|             | 84.85       | -28.28      | 0.00000 | 77.78       |
| -35.36      | 0.00000     |             |         |             |
|             | 74.25       | -38.89      | 0.00000 | 70.71       |
| -42.43      | 0.00000     |             |         |             |
|             | 68.59       | -44.55      | 0.00000 | 67.18       |
| -45.96      | 0.00000     |             |         |             |
|             | 65.76       | -47.38      | 0.00000 | 64.35       |
| -48.79      | 0.00000     |             |         |             |
|             | 62.93       | -50.20      | 0.00000 | 50.20       |
| -62.93      | 0.00000     |             |         |             |
|             | 48.79       | -64.35      | 0.00000 | 47.38       |
| -65.76      | 0.00000     |             |         |             |
|             | 45.96       | -67.18      | 0.00000 | 44.55       |
| -68.59      | 0.00000     |             |         |             |
|             | 42.43       | -70.71      | 0.00000 | 38.89       |
| -74.25      | 0.00000     |             |         |             |
|             | 35.36       | -77.78      | 0.00000 | 28.28       |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -84.85  | 0.00000 |         |         |        |
|         | 21.21   | -91.92  | 0.00000 | 14.14  |
| -98.99  | 0.00000 |         |         |        |
|         | 7.07    | -106.07 | 0.00000 | 0.00   |
| -113.14 | 0.00000 |         |         |        |
|         | -7.07   | -120.21 | 0.00000 | -14.14 |
| -127.28 | 0.00000 |         |         |        |
|         | 134.35  | 7.07    | 0.00000 | 127.28 |
| 0.00    | 0.00000 |         |         |        |
|         | 120.21  | -7.07   | 0.00000 | 113.14 |
| -14.14  | 0.00000 |         |         |        |
|         | 106.07  | -21.21  | 0.00000 | 98.99  |
| -28.28  | 0.00000 |         |         |        |
|         | 91.92   | -35.36  | 0.00000 | 84.85  |
| -42.43  | 0.00000 |         |         |        |
|         | 81.32   | -45.96  | 0.00000 | 77.78  |
| -49.50  | 0.00000 |         |         |        |
|         | 75.66   | -51.62  | 0.00000 | 74.25  |
| -53.03  | 0.00000 |         |         |        |
|         | 72.83   | -54.45  | 0.00000 | 71.42  |
| -55.86  | 0.00000 |         |         |        |
|         | 70.00   | -57.28  | 0.00000 | 57.28  |
| -70.00  | 0.00000 |         |         |        |
|         | 55.86   | -71.42  | 0.00000 | 54.45  |
| -72.83  | 0.00000 |         |         |        |
|         | 53.03   | -74.25  | 0.00000 | 51.62  |
| -75.66  | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 116  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -81.32      | 49.50       | -77.78      | 0.00000 | 45.96       |
|             | 0.00000     |             |         |             |
| -91.92      | 42.43       | -84.85      | 0.00000 | 35.36       |
|             | 0.00000     |             |         |             |
| -106.07     | 28.28       | -98.99      | 0.00000 | 21.21       |
|             | 0.00000     |             |         |             |
| -120.21     | 14.14       | -113.14     | 0.00000 | 7.07        |
|             | 0.00000     |             |         |             |
| -134.35     | 0.00        | -127.28     | 0.00000 | -7.07       |
|             | 0.00000     |             |         |             |
| -7.07       | 141.42      | 0.00        | 0.00000 | 134.35      |
|             | 0.00000     |             |         |             |
|             | 127.28      | -14.14      | 0.00000 | 120.21      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -21.21  | 0.00000 |         |         |        |
|         | 113.14  | -28.28  | 0.00000 | 106.07 |
| -35.36  | 0.00000 |         |         |        |
|         | 98.99   | -42.43  | 0.00000 | 91.92  |
| -49.50  | 0.00000 |         |         |        |
|         | 88.39   | -53.03  | 0.00000 | 84.85  |
| -56.57  | 0.00000 |         |         |        |
|         | 82.73   | -58.69  | 0.00000 | 81.32  |
| -60.10  | 0.00000 |         |         |        |
|         | 79.90   | -61.52  | 0.00000 | 78.49  |
| -62.93  | 0.00000 |         |         |        |
|         | 77.07   | -64.35  | 0.00000 | 64.35  |
| -77.07  | 0.00000 |         |         |        |
|         | 62.93   | -78.49  | 0.00000 | 61.52  |
| -79.90  | 0.00000 |         |         |        |
|         | 60.10   | -81.32  | 0.00000 | 58.69  |
| -82.73  | 0.00000 |         |         |        |
|         | 56.57   | -84.85  | 0.00000 | 53.03  |
| -88.39  | 0.00000 |         |         |        |
|         | 49.50   | -91.92  | 0.00000 | 42.43  |
| -98.99  | 0.00000 |         |         |        |
|         | 35.36   | -106.07 | 0.00000 | 28.28  |
| -113.14 | 0.00000 |         |         |        |
|         | 21.21   | -120.21 | 0.00000 | 14.14  |
| -127.28 | 0.00000 |         |         |        |
|         | 7.07    | -134.35 | 0.00000 | 0.00   |
| -141.42 | 0.00000 |         |         |        |
|         | 148.49  | -7.07   | 0.00000 | 141.42 |
| -14.14  | 0.00000 |         |         |        |
|         | 134.35  | -21.21  | 0.00000 | 127.28 |
| -28.28  | 0.00000 |         |         |        |
|         | 120.21  | -35.36  | 0.00000 | 113.14 |
| -42.43  | 0.00000 |         |         |        |
|         | 106.07  | -49.50  | 0.00000 | 98.99  |
| -56.57  | 0.00000 |         |         |        |
|         | 95.46   | -60.10  | 0.00000 | 91.92  |
| -63.64  | 0.00000 |         |         |        |
|         | 89.80   | -65.76  | 0.00000 | 88.39  |
| -67.18  | 0.00000 |         |         |        |
|         | 86.97   | -68.59  | 0.00000 | 85.56  |
| -70.00  | 0.00000 |         |         |        |
|         | 84.15   | -71.42  | 0.00000 | 71.42  |
| -84.15  | 0.00000 |         |         |        |
|         | 70.00   | -85.56  | 0.00000 | 68.59  |
| -86.97  | 0.00000 |         |         |        |
|         | 67.18   | -88.39  | 0.00000 | 65.76  |
| -89.80  | 0.00000 |         |         |        |
|         | 63.64   | -91.92  | 0.00000 | 60.10  |
| -95.46  | 0.00000 |         |         |        |
|         | 56.57   | -98.99  | 0.00000 | 49.50  |
| -106.07 | 0.00000 |         |         |        |
|         | 42.43   | -113.14 | 0.00000 | 35.36  |
| -120.21 | 0.00000 |         |         |        |
|         | 28.28   | -127.28 | 0.00000 | 21.21  |
| -134.35 | 0.00000 |         |         |        |
|         | 14.14   | -141.42 | 0.00000 | 7.07   |
| -148.49 | 0.00000 |         |         |        |
|         | 155.56  | -14.14  | 0.00000 | 148.49 |
| -21.21  | 0.00000 |         |         |        |
|         | 141.42  | -28.28  | 0.00000 | 134.35 |
| -35.36  | 0.00000 |         |         |        |
|         | 127.28  | -42.43  | 0.00000 | 120.21 |
| -49.50  | 0.00000 |         |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

113.14      -56.57      0.00000      106.07  
 -63.64      0.00000  
 102.53      -67.18      0.00000      98.99  
 -70.71      0.00000

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*      \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\*      06/13/08

Direction      \*\*\*      \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs:      15:11:25

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CONC      URBAN FLAT      FLGPOL      DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5      \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\*      \*\*\* INCLUDING SOURCE(S):      NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -74.25      | 96.87       | -72.83      | 0.00000 | 95.46       |
| -77.07      | 0.00000     | -75.66      | 0.00000 | 92.63       |
| -91.22      | 94.05       | -78.49      | 0.00000 | 78.49       |
| -94.05      | 0.00000     | -92.63      | 0.00000 | 75.66       |
| -96.87      | 91.22       | -95.46      | 0.00000 | 72.83       |
| -102.53     | 0.00000     | -98.99      | 0.00000 | 67.18       |
| -113.14     | 77.07       | -106.07     | 0.00000 | 56.57       |
| -127.28     | 0.00000     | -120.21     | 0.00000 | 42.43       |
| -141.42     | 74.25       | -134.35     | 0.00000 | 28.28       |
| -155.56     | 0.00000     | -148.49     | 0.00000 | 14.14       |
| -28.28      | 70.71       | -21.21      | 0.00000 | 155.56      |
| -42.43      | 162.63      | -35.36      | 0.00000 | 141.42      |
| -56.57      | 0.00000     | -49.50      | 0.00000 | 127.28      |
| -70.71      | 148.49      | -63.64      | 0.00000 | 113.14      |
| -77.78      | 0.00000     | -74.25      | 0.00000 | 106.07      |
| -81.32      | 134.35      | -79.90      | 0.00000 | 102.53      |
| -84.15      | 0.00000     | -82.73      | 0.00000 | 99.70       |
| -98.29      | 120.21      | -85.56      | 0.00000 | 85.56       |
|             | 109.60      |             |         |             |
|             | 103.94      |             |         |             |
|             | 101.12      |             |         |             |
|             | 98.29       |             |         |             |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -101.12 | 84.15   | -99.70  | 0.00000 | 82.73  |
|         | 0.00000 |         |         |        |
| -103.94 | 81.32   | -102.53 | 0.00000 | 79.90  |
|         | 0.00000 |         |         |        |
| -109.60 | 77.78   | -106.07 | 0.00000 | 74.25  |
|         | 0.00000 |         |         |        |
| -120.21 | 70.71   | -113.14 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -134.35 | 56.57   | -127.28 | 0.00000 | 49.50  |
|         | 0.00000 |         |         |        |
| -148.49 | 42.43   | -141.42 | 0.00000 | 35.36  |
|         | 0.00000 |         |         |        |
| -162.63 | 28.28   | -155.56 | 0.00000 | 21.21  |
|         | 0.00000 |         |         |        |
| -35.36  | 169.71  | -28.28  | 0.00000 | 162.63 |
|         | 0.00000 |         |         |        |
| -49.50  | 155.56  | -42.43  | 0.00000 | 148.49 |
|         | 0.00000 |         |         |        |
| -63.64  | 141.42  | -56.57  | 0.00000 | 134.35 |
|         | 0.00000 |         |         |        |
| -77.78  | 127.28  | -70.71  | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -84.85  | 116.67  | -81.32  | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -88.39  | 111.02  | -86.97  | 0.00000 | 109.60 |
|         | 0.00000 |         |         |        |
| -91.22  | 108.19  | -89.80  | 0.00000 | 106.77 |
|         | 0.00000 |         |         |        |
| -105.36 | 105.36  | -92.63  | 0.00000 | 92.63  |
|         | 0.00000 |         |         |        |
| -108.19 | 91.22   | -106.77 | 0.00000 | 89.80  |
|         | 0.00000 |         |         |        |
| -111.02 | 88.39   | -109.60 | 0.00000 | 86.97  |
|         | 0.00000 |         |         |        |
| -116.67 | 84.85   | -113.14 | 0.00000 | 81.32  |
|         | 0.00000 |         |         |        |
| -127.28 | 77.78   | -120.21 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -141.42 | 63.64   | -134.35 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -155.56 | 49.50   | -148.49 | 0.00000 | 42.43  |
|         | 0.00000 |         |         |        |
| -169.71 | 35.36   | -162.63 | 0.00000 | 28.28  |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 118  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -42.43      | 176.78      | -35.36      | 0.00000 | 169.71      |
| -56.57      | 162.63      | -49.50      | 0.00000 | 155.56      |
| -70.71      | 148.49      | -63.64      | 0.00000 | 141.42      |
| -84.85      | 134.35      | -77.78      | 0.00000 | 127.28      |
| -91.92      | 123.74      | -88.39      | 0.00000 | 120.21      |
| -95.46      | 118.09      | -94.05      | 0.00000 | 116.67      |
| -98.29      | 115.26      | -96.87      | 0.00000 | 113.84      |
| -112.43     | 112.43      | -99.70      | 0.00000 | 99.70       |
| -115.26     | 98.29       | -113.84     | 0.00000 | 96.87       |
| -118.09     | 95.46       | -116.67     | 0.00000 | 94.05       |
| -123.74     | 91.92       | -120.21     | 0.00000 | 88.39       |
| -134.35     | 84.85       | -127.28     | 0.00000 | 77.78       |
| -148.49     | 70.71       | -141.42     | 0.00000 | 63.64       |
| -162.63     | 56.57       | -155.56     | 0.00000 | 49.50       |
| -176.78     | 42.43       | -169.71     | 0.00000 | 35.36       |
| -49.50      | 183.85      | -42.43      | 0.00000 | 176.78      |
| -63.64      | 169.71      | -56.57      | 0.00000 | 162.63      |
| -77.78      | 155.56      | -70.71      | 0.00000 | 148.49      |
| -91.92      | 141.42      | -84.85      | 0.00000 | 134.35      |
| -98.99      | 130.81      | -95.46      | 0.00000 | 127.28      |
| -102.53     | 125.16      | -101.12     | 0.00000 | 123.74      |
| -105.36     | 122.33      | -103.94     | 0.00000 | 120.92      |
| -119.50     | 119.50      | -106.77     | 0.00000 | 106.77      |
| -122.33     | 105.36      | -120.92     | 0.00000 | 103.94      |
| -125.16     | 102.53      | -123.74     | 0.00000 | 101.12      |
| -130.81     | 98.99       | -127.28     | 0.00000 | 95.46       |
| -141.42     | 91.92       | -134.35     | 0.00000 | 84.85       |
| -155.56     | 77.78       | -148.49     | 0.00000 | 70.71       |
| -169.71     | 63.64       | -162.63     | 0.00000 | 56.57       |
|             | 49.50       | -176.78     | 0.00000 | 42.43       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |  |        |
|---------|---------|---------|---------|--|--------|
| -183.85 | 0.00000 |         |         |  |        |
|         | 190.92  | -49.50  | 0.00000 |  | 183.85 |
| -56.57  | 0.00000 |         |         |  |        |
|         | 176.78  | -63.64  | 0.00000 |  | 169.71 |
| -70.71  | 0.00000 |         |         |  |        |
|         | 162.63  | -77.78  | 0.00000 |  | 155.56 |
| -84.85  | 0.00000 |         |         |  |        |
|         | 148.49  | -91.92  | 0.00000 |  | 141.42 |
| -98.99  | 0.00000 |         |         |  |        |
|         | 137.89  | -102.53 | 0.00000 |  | 134.35 |
| -106.07 | 0.00000 |         |         |  |        |
|         | 132.23  | -108.19 | 0.00000 |  | 130.81 |
| -109.60 | 0.00000 |         |         |  |        |
|         | 129.40  | -111.02 | 0.00000 |  | 127.99 |
| -112.43 | 0.00000 |         |         |  |        |
|         | 126.57  | -113.84 | 0.00000 |  | 113.84 |
| -126.57 | 0.00000 |         |         |  |        |
|         | 112.43  | -127.99 | 0.00000 |  | 111.02 |
| -129.40 | 0.00000 |         |         |  |        |
|         | 109.60  | -130.81 | 0.00000 |  | 108.19 |
| -132.23 | 0.00000 |         |         |  |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 119  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -137.89     | 106.07      | -134.35     | 0.00000 | 102.53      |
|             | 0.00000     |             |         |             |
| -148.49     | 98.99       | -141.42     | 0.00000 | 91.92       |
|             | 0.00000     |             |         |             |
| -162.63     | 84.85       | -155.56     | 0.00000 | 77.78       |
|             | 0.00000     |             |         |             |
| -176.78     | 70.71       | -169.71     | 0.00000 | 63.64       |
|             | 0.00000     |             |         |             |
| -190.92     | 56.57       | -183.85     | 0.00000 | 49.50       |
|             | 0.00000     |             |         |             |
| -63.64      | 197.99      | -56.57      | 0.00000 | 190.92      |
|             | 0.00000     |             |         |             |
| -77.78      | 183.85      | -70.71      | 0.00000 | 176.78      |
|             | 0.00000     |             |         |             |
| -91.92      | 169.71      | -84.85      | 0.00000 | 162.63      |
|             | 0.00000     |             |         |             |
| -106.07     | 155.56      | -98.99      | 0.00000 | 148.49      |
|             | 0.00000     |             |         |             |
|             | 144.96      | -109.60     | 0.00000 | 141.42      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -113.14 | 0.00000 |         |         |        |
|         | 139.30  | -115.26 | 0.00000 | 137.89 |
| -116.67 | 0.00000 |         |         |        |
|         | 136.47  | -118.09 | 0.00000 | 135.06 |
| -119.50 | 0.00000 |         |         |        |
|         | 133.64  | -120.92 | 0.00000 | 120.92 |
| -133.64 | 0.00000 |         |         |        |
|         | 119.50  | -135.06 | 0.00000 | 118.09 |
| -136.47 | 0.00000 |         |         |        |
|         | 116.67  | -137.89 | 0.00000 | 115.26 |
| -139.30 | 0.00000 |         |         |        |
|         | 113.14  | -141.42 | 0.00000 | 109.60 |
| -144.96 | 0.00000 |         |         |        |
|         | 106.07  | -148.49 | 0.00000 | 98.99  |
| -155.56 | 0.00000 |         |         |        |
|         | 91.92   | -162.63 | 0.00000 | 84.85  |
| -169.71 | 0.00000 |         |         |        |
|         | 77.78   | -176.78 | 0.00000 | 70.71  |
| -183.85 | 0.00000 |         |         |        |
|         | 63.64   | -190.92 | 0.00000 | 56.57  |
| -197.99 | 0.00000 |         |         |        |
|         | 205.06  | -63.64  | 0.00000 | 197.99 |
| -70.71  | 0.00000 |         |         |        |
|         | 190.92  | -77.78  | 0.00000 | 183.85 |
| -84.85  | 0.00000 |         |         |        |
|         | 176.78  | -91.92  | 0.00000 | 169.71 |
| -98.99  | 0.00000 |         |         |        |
|         | 162.63  | -106.07 | 0.00000 | 155.56 |
| -113.14 | 0.00000 |         |         |        |
|         | 152.03  | -116.67 | 0.00000 | 148.49 |
| -120.21 | 0.00000 |         |         |        |
|         | 146.37  | -122.33 | 0.00000 | 144.96 |
| -123.74 | 0.00000 |         |         |        |
|         | 143.54  | -125.16 | 0.00000 | 142.13 |
| -126.57 | 0.00000 |         |         |        |
|         | 140.71  | -127.99 | 0.00000 | 127.99 |
| -140.71 | 0.00000 |         |         |        |
|         | 126.57  | -142.13 | 0.00000 | 125.16 |
| -143.54 | 0.00000 |         |         |        |
|         | 123.74  | -144.96 | 0.00000 | 122.33 |
| -146.37 | 0.00000 |         |         |        |
|         | 120.21  | -148.49 | 0.00000 | 116.67 |
| -152.03 | 0.00000 |         |         |        |
|         | 113.14  | -155.56 | 0.00000 | 106.07 |
| -162.63 | 0.00000 |         |         |        |
|         | 98.99   | -169.71 | 0.00000 | 91.92  |
| -176.78 | 0.00000 |         |         |        |
|         | 84.85   | -183.85 | 0.00000 | 77.78  |
| -190.92 | 0.00000 |         |         |        |
|         | 70.71   | -197.99 | 0.00000 | 63.64  |
| -205.06 | 0.00000 |         |         |        |
|         | 212.13  | -70.71  | 0.00000 | 205.06 |
| -77.78  | 0.00000 |         |         |        |
|         | 197.99  | -84.85  | 0.00000 | 190.92 |
| -91.92  | 0.00000 |         |         |        |
|         | 183.85  | -98.99  | 0.00000 | 176.78 |
| -106.07 | 0.00000 |         |         |        |
|         | 169.71  | -113.14 | 0.00000 | 162.63 |
| -120.21 | 0.00000 |         |         |        |
|         | 159.10  | -123.74 | 0.00000 | 155.56 |
| -127.28 | 0.00000 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*

\*\*\*

\*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
15: 11: 25

Direction  
\*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
\*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -130.81     | 153.44      | -129.40     | 0.00000 | 152.03      |
| -133.64     | 150.61      | -132.23     | 0.00000 | 149.20      |
| -147.79     | 147.79      | -135.06     | 0.00000 | 135.06      |
| -150.61     | 133.64      | -149.20     | 0.00000 | 132.23      |
| -153.44     | 130.81      | -152.03     | 0.00000 | 129.40      |
| -159.10     | 127.28      | -155.56     | 0.00000 | 123.74      |
| -169.71     | 120.21      | -162.63     | 0.00000 | 113.14      |
| -183.85     | 106.07      | -176.78     | 0.00000 | 98.99       |
| -197.99     | 91.92       | -190.92     | 0.00000 | 84.85       |
| -212.13     | 77.78       | -205.06     | 0.00000 | 70.71       |
| -84.85      | 219.20      | -77.78      | 0.00000 | 212.13      |
| -98.99      | 205.06      | -91.92      | 0.00000 | 197.99      |
| -113.14     | 190.92      | -106.07     | 0.00000 | 183.85      |
| -127.28     | 176.78      | -120.21     | 0.00000 | 169.71      |
| -134.35     | 166.17      | -130.81     | 0.00000 | 162.63      |
| -137.89     | 160.51      | -136.47     | 0.00000 | 159.10      |
| -140.71     | 157.68      | -139.30     | 0.00000 | 156.27      |
| -154.86     | 154.86      | -142.13     | 0.00000 | 142.13      |
| -157.68     | 140.71      | -156.27     | 0.00000 | 139.30      |
| -160.51     | 137.89      | -159.10     | 0.00000 | 136.47      |
| -166.17     | 134.35      | -162.63     | 0.00000 | 130.81      |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |        |
|---------|---------|---------|--------|
| 127.28  | -169.71 | 0.00000 | 120.21 |
| -176.78 | 0.00000 |         |        |
| 113.14  | -183.85 | 0.00000 | 106.07 |
| -190.92 | 0.00000 |         |        |
| 98.99   | -197.99 | 0.00000 | 91.92  |
| -205.06 | 0.00000 |         |        |
| 84.85   | -212.13 | 0.00000 | 77.78  |
| -219.20 | 0.00000 |         |        |
| 226.27  | -84.85  | 0.00000 | 219.20 |
| -91.92  | 0.00000 |         |        |
| 212.13  | -98.99  | 0.00000 | 205.06 |
| -106.07 | 0.00000 |         |        |
| 197.99  | -113.14 | 0.00000 | 190.92 |
| -120.21 | 0.00000 |         |        |
| 183.85  | -127.28 | 0.00000 | 176.78 |
| -134.35 | 0.00000 |         |        |
| 173.24  | -137.89 | 0.00000 | 169.71 |
| -141.42 | 0.00000 |         |        |
| 167.58  | -143.54 | 0.00000 | 166.17 |
| -144.96 | 0.00000 |         |        |
| 164.76  | -146.37 | 0.00000 | 163.34 |
| -147.79 | 0.00000 |         |        |
| 161.93  | -149.20 | 0.00000 | 149.20 |
| -161.93 | 0.00000 |         |        |
| 147.79  | -163.34 | 0.00000 | 146.37 |
| -164.76 | 0.00000 |         |        |
| 144.96  | -166.17 | 0.00000 | 143.54 |
| -167.58 | 0.00000 |         |        |
| 141.42  | -169.71 | 0.00000 | 137.89 |
| -173.24 | 0.00000 |         |        |
| 134.35  | -176.78 | 0.00000 | 127.28 |
| -183.85 | 0.00000 |         |        |
| 120.21  | -190.92 | 0.00000 | 113.14 |
| -197.99 | 0.00000 |         |        |
| 106.07  | -205.06 | 0.00000 | 98.99  |
| -212.13 | 0.00000 |         |        |
| 91.92   | -219.20 | 0.00000 | 84.85  |
| -226.27 | 0.00000 |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 121  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* 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        |         |             |
| -98.99      | 233.35      | -91.92  | 226.27      |
|             | 0.00000     | 0.00000 |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -113.14 | 219.20  | -106.07 | 0.00000 | 212.13 |
|         | 0.00000 |         |         |        |
| -127.28 | 205.06  | -120.21 | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -141.42 | 190.92  | -134.35 | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -148.49 | 180.31  | -144.96 | 0.00000 | 176.78 |
|         | 0.00000 |         |         |        |
| -152.03 | 174.66  | -150.61 | 0.00000 | 173.24 |
|         | 0.00000 |         |         |        |
| -154.86 | 171.83  | -153.44 | 0.00000 | 170.41 |
|         | 0.00000 |         |         |        |
| -169.00 | 169.00  | -156.27 | 0.00000 | 156.27 |
|         | 0.00000 |         |         |        |
| -171.83 | 154.86  | -170.41 | 0.00000 | 153.44 |
|         | 0.00000 |         |         |        |
| -174.66 | 152.03  | -173.24 | 0.00000 | 150.61 |
|         | 0.00000 |         |         |        |
| -180.31 | 148.49  | -176.78 | 0.00000 | 144.96 |
|         | 0.00000 |         |         |        |
| -190.92 | 141.42  | -183.85 | 0.00000 | 134.35 |
|         | 0.00000 |         |         |        |
| -205.06 | 127.28  | -197.99 | 0.00000 | 120.21 |
|         | 0.00000 |         |         |        |
| -219.20 | 113.14  | -212.13 | 0.00000 | 106.07 |
|         | 0.00000 |         |         |        |
| -233.35 | 98.99   | -226.27 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -106.07 | 240.42  | -98.99  | 0.00000 | 233.35 |
|         | 0.00000 |         |         |        |
| -120.21 | 226.27  | -113.14 | 0.00000 | 219.20 |
|         | 0.00000 |         |         |        |
| -134.35 | 212.13  | -127.28 | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -148.49 | 197.99  | -141.42 | 0.00000 | 190.92 |
|         | 0.00000 |         |         |        |
| -155.56 | 187.38  | -152.03 | 0.00000 | 183.85 |
|         | 0.00000 |         |         |        |
| -159.10 | 181.73  | -157.68 | 0.00000 | 180.31 |
|         | 0.00000 |         |         |        |
| -161.93 | 178.90  | -160.51 | 0.00000 | 177.48 |
|         | 0.00000 |         |         |        |
| -176.07 | 176.07  | -163.34 | 0.00000 | 163.34 |
|         | 0.00000 |         |         |        |
| -178.90 | 161.93  | -177.48 | 0.00000 | 160.51 |
|         | 0.00000 |         |         |        |
| -181.73 | 159.10  | -180.31 | 0.00000 | 157.68 |
|         | 0.00000 |         |         |        |
| -187.38 | 155.56  | -183.85 | 0.00000 | 152.03 |
|         | 0.00000 |         |         |        |
| -197.99 | 148.49  | -190.92 | 0.00000 | 141.42 |
|         | 0.00000 |         |         |        |
| -212.13 | 134.35  | -205.06 | 0.00000 | 127.28 |
|         | 0.00000 |         |         |        |
| -226.27 | 120.21  | -219.20 | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -240.42 | 106.07  | -233.35 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -113.14 | 247.49  | -106.07 | 0.00000 | 240.42 |
|         | 0.00000 |         |         |        |
| -127.28 | 233.35  | -120.21 | 0.00000 | 226.27 |
|         | 0.00000 |         |         |        |
|         | 219.20  | -134.35 | 0.00000 | 212.13 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -141.42 | 0.00000 |         |         |        |
|         | 205.06  | -148.49 | 0.00000 | 197.99 |
| -155.56 | 0.00000 |         |         |        |
|         | 194.45  | -159.10 | 0.00000 | 190.92 |
| -162.63 | 0.00000 |         |         |        |
|         | 188.80  | -164.76 | 0.00000 | 187.38 |
| -166.17 | 0.00000 |         |         |        |
|         | 185.97  | -167.58 | 0.00000 | 184.55 |
| -169.00 | 0.00000 |         |         |        |
|         | 183.14  | -170.41 | 0.00000 | 170.41 |
| -183.14 | 0.00000 |         |         |        |
|         | 169.00  | -184.55 | 0.00000 | 167.58 |
| -185.97 | 0.00000 |         |         |        |
|         | 166.17  | -187.38 | 0.00000 | 164.76 |
| -188.80 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 122  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: NCRA\_S5  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -194.45     | 162.63      | -190.92     | 0.00000 | 159.10      |
|             | 0.00000     |             |         |             |
| -205.06     | 155.56      | -197.99     | 0.00000 | 148.49      |
|             | 0.00000     |             |         |             |
| -219.20     | 141.42      | -212.13     | 0.00000 | 134.35      |
|             | 0.00000     |             |         |             |
| -233.35     | 127.28      | -226.27     | 0.00000 | 120.21      |
|             | 0.00000     |             |         |             |
| -247.49     | 113.14      | -240.42     | 0.00000 | 106.07      |
|             | 0.00000     |             |         |             |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 123  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 240.42      | -106.07     | 247.49      | 0.00001 | -113.14     |
|             | 0.00001     |             |         |             |
| 226.27      | -120.21     | 233.35      | 0.00001 | -127.28     |
|             | 0.00001     |             |         |             |
| 212.13      | -134.35     | 219.20      | 0.00001 | -141.42     |
|             | 0.00001     |             |         |             |
| 197.99      | -148.49     | 205.06      | 0.00001 | -155.56     |
|             | 0.00001     |             |         |             |
| 190.92      | -159.10     | 194.45      | 0.00001 | -162.63     |
|             | 0.00001     |             |         |             |
| 187.38      | -164.76     | 188.80      | 0.00001 | -166.17     |
|             | 0.00001     |             |         |             |
| 184.55      | -167.58     | 185.97      | 0.00001 | -169.00     |
|             | 0.00001     |             |         |             |
| 170.41      | -170.41     | 183.14      | 0.00001 | -183.14     |
|             | 0.00000     |             |         |             |
| 167.58      | -184.55     | 169.00      | 0.00000 | -185.97     |
|             | 0.00000     |             |         |             |
| 164.76      | -187.38     | 166.17      | 0.00000 | -188.80     |
|             | 0.00000     |             |         |             |
| 159.10      | -190.92     | 162.63      | 0.00000 | -194.45     |
|             | 0.00000     |             |         |             |
| 148.49      | -197.99     | 155.56      | 0.00000 | -205.06     |
|             | 0.00000     |             |         |             |
| 134.35      | -212.13     | 141.42      | 0.00000 | -219.20     |
|             | 0.00000     |             |         |             |
| 120.21      | -226.27     | 127.28      | 0.00000 | -233.35     |
|             | 0.00000     |             |         |             |
| 106.07      | -240.42     | 113.14      | 0.00000 | -247.49     |
|             | 0.00000     |             |         |             |
| 233.35      | -98.99      | 240.42      | 0.00001 | -106.07     |
|             | 0.00001     |             |         |             |
| 219.20      | -113.14     | 226.27      | 0.00001 | -120.21     |
|             | 0.00001     |             |         |             |
| 205.06      | -127.28     | 212.13      | 0.00001 | -134.35     |
|             | 0.00001     |             |         |             |
| 190.92      | -141.42     | 197.99      | 0.00001 | -148.49     |
|             | 0.00001     |             |         |             |
| 183.85      | -152.03     | 187.38      | 0.00001 | -155.56     |
|             | 0.00001     |             |         |             |
| 180.31      | -157.68     | 181.73      | 0.00001 | -159.10     |
|             | 0.00001     |             |         |             |
| 177.48      | -160.51     | 178.90      | 0.00001 | -161.93     |
|             | 0.00001     |             |         |             |
| 163.34      | -163.34     | 176.07      | 0.00001 | -176.07     |
|             | 0.00000     |             |         |             |
| 160.51      | -177.48     | 161.93      | 0.00000 | -178.90     |
|             | 0.00000     |             |         |             |
| 157.68      | -180.31     | 159.10      | 0.00000 | -181.73     |
|             | 0.00000     |             |         |             |
| 152.03      | -183.85     | 155.56      | 0.00000 | -187.38     |
|             | 0.00000     |             |         |             |
| 141.42      | -190.92     | 148.49      | 0.00000 | -197.99     |
|             | 0.00000     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 127.28 | -205.06 | 134.35 | 0.00000 | -212.13 |
|        | 0.00000 |        |         |         |
| 113.14 | -219.20 | 120.21 | 0.00000 | -226.27 |
|        | 0.00000 |        |         |         |
| 98.99  | -233.35 | 106.07 | 0.00000 | -240.42 |
|        | 0.00000 |        |         |         |
| 226.27 | -91.92  | 233.35 | 0.00001 | -98.99  |
|        | 0.00001 |        |         |         |
| 212.13 | -106.07 | 219.20 | 0.00001 | -113.14 |
|        | 0.00001 |        |         |         |
| 197.99 | -120.21 | 205.06 | 0.00001 | -127.28 |
|        | 0.00001 |        |         |         |
| 183.85 | -134.35 | 190.92 | 0.00001 | -141.42 |
|        | 0.00001 |        |         |         |
| 176.78 | -144.96 | 180.31 | 0.00001 | -148.49 |
|        | 0.00001 |        |         |         |
| 173.24 | -150.61 | 174.66 | 0.00001 | -152.03 |
|        | 0.00002 |        |         |         |
| 170.41 | -153.44 | 171.83 | 0.00002 | -154.86 |
|        | 0.00002 |        |         |         |
| 156.27 | -156.27 | 169.00 | 0.00002 | -169.00 |
|        | 0.00001 |        |         |         |
| 153.44 | -170.41 | 154.86 | 0.00000 | -171.83 |
|        | 0.00000 |        |         |         |
| 150.61 | -173.24 | 152.03 | 0.00000 | -174.66 |
|        | 0.00000 |        |         |         |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

PAGE 124  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 144.96      | -176.78     | 148.49      | 0.00000 | -180.31     |
|             | 0.00000     |             |         |             |
| 134.35      | -183.85     | 141.42      | 0.00000 | -190.92     |
|             | 0.00000     |             |         |             |
| 120.21      | -197.99     | 127.28      | 0.00000 | -205.06     |
|             | 0.00000     |             |         |             |
| 106.07      | -212.13     | 113.14      | 0.00000 | -219.20     |
|             | 0.00000     |             |         |             |
| 91.92       | -226.27     | 99.00       | 0.00000 | -233.35     |
|             | 0.00000     |             |         |             |
| 219.20      | -84.85      | 226.27      | 0.00001 | -91.92      |
|             | 0.00001     |             |         |             |
|             | -98.99      | 212.13      | 0.00001 | -106.07     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 205.06 | 0.00001 |        |         |         |
|        | -113.14 | 197.99 | 0.00001 | -120.21 |
| 190.92 | 0.00001 |        |         |         |
|        | -127.28 | 183.85 | 0.00001 | -134.35 |
| 176.78 | 0.00001 |        |         |         |
|        | -137.89 | 173.24 | 0.00002 | -141.42 |
| 169.71 | 0.00002 |        |         |         |
|        | -143.54 | 167.58 | 0.00002 | -144.96 |
| 166.17 | 0.00002 |        |         |         |
|        | -146.37 | 164.76 | 0.00002 | -147.79 |
| 163.34 | 0.00002 |        |         |         |
|        | -149.20 | 161.93 | 0.00002 | -161.93 |
| 149.20 | 0.00001 |        |         |         |
|        | -163.34 | 147.79 | 0.00001 | -164.76 |
| 146.37 | 0.00000 |        |         |         |
|        | -166.17 | 144.96 | 0.00000 | -167.58 |
| 143.54 | 0.00000 |        |         |         |
|        | -169.71 | 141.42 | 0.00000 | -173.24 |
| 137.89 | 0.00000 |        |         |         |
|        | -176.78 | 134.35 | 0.00000 | -183.85 |
| 127.28 | 0.00000 |        |         |         |
|        | -190.92 | 120.21 | 0.00000 | -197.99 |
| 113.14 | 0.00000 |        |         |         |
|        | -205.06 | 106.07 | 0.00000 | -212.13 |
| 99.00  | 0.00000 |        |         |         |
|        | -219.20 | 91.92  | 0.00000 | -226.27 |
| 84.85  | 0.00000 |        |         |         |
|        | -77.78  | 219.20 | 0.00001 | -84.85  |
| 212.13 | 0.00001 |        |         |         |
|        | -91.92  | 205.06 | 0.00001 | -98.99  |
| 197.99 | 0.00001 |        |         |         |
|        | -106.07 | 190.92 | 0.00001 | -113.14 |
| 183.85 | 0.00001 |        |         |         |
|        | -120.21 | 176.78 | 0.00001 | -127.28 |
| 169.71 | 0.00001 |        |         |         |
|        | -130.81 | 166.17 | 0.00002 | -134.35 |
| 162.63 | 0.00002 |        |         |         |
|        | -136.47 | 160.51 | 0.00002 | -137.89 |
| 159.10 | 0.00002 |        |         |         |
|        | -139.30 | 157.68 | 0.00002 | -140.71 |
| 156.27 | 0.00002 |        |         |         |
|        | -142.13 | 154.86 | 0.00002 | -154.86 |
| 142.13 | 0.00001 |        |         |         |
|        | -156.27 | 140.71 | 0.00001 | -157.68 |
| 139.30 | 0.00001 |        |         |         |
|        | -159.10 | 137.89 | 0.00000 | -160.51 |
| 136.47 | 0.00000 |        |         |         |
|        | -162.63 | 134.35 | 0.00000 | -166.17 |
| 130.81 | 0.00000 |        |         |         |
|        | -169.71 | 127.28 | 0.00000 | -176.78 |
| 120.21 | 0.00000 |        |         |         |
|        | -183.85 | 113.14 | 0.00000 | -190.92 |
| 106.07 | 0.00000 |        |         |         |
|        | -197.99 | 99.00  | 0.00000 | -205.06 |
| 91.92  | 0.00000 |        |         |         |
|        | -212.13 | 84.85  | 0.00000 | -219.20 |
| 77.78  | 0.00000 |        |         |         |
|        | -70.71  | 212.13 | 0.00001 | -77.78  |
| 205.06 | 0.00001 |        |         |         |
|        | -84.85  | 197.99 | 0.00001 | -91.92  |
| 190.92 | 0.00001 |        |         |         |
|        | -98.99  | 183.85 | 0.00001 | -106.07 |
| 176.78 | 0.00001 |        |         |         |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 162.63 -113.14 169.71 0.00001 -120.21  
 0.00002  
 155.56 -123.74 159.10 0.00002 -127.28  
 0.00002  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25  
 Direction \*\*\*  
 \*\*MODELOPTs:

PAGE 125  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\*  
 VALUES FOR SOURCE GROUP: ALL INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS  
 \*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 152.03      | -129.40     | 153.44      | 0.00002 | -130.81     |
|             | 0.00002     |             |         |             |
| 149.20      | -132.23     | 150.61      | 0.00002 | -133.64     |
|             | 0.00002     |             |         |             |
| 135.06      | -135.06     | 147.79      | 0.00002 | -147.79     |
|             | 0.00001     |             |         |             |
| 132.23      | -149.20     | 133.64      | 0.00001 | -150.61     |
|             | 0.00001     |             |         |             |
| 129.40      | -152.03     | 130.81      | 0.00001 | -153.44     |
|             | 0.00001     |             |         |             |
| 123.74      | -155.56     | 127.28      | 0.00000 | -159.10     |
|             | 0.00000     |             |         |             |
| 113.14      | -162.63     | 120.21      | 0.00000 | -169.71     |
|             | 0.00000     |             |         |             |
| 98.99       | -176.78     | 106.07      | 0.00000 | -183.85     |
|             | 0.00000     |             |         |             |
| 84.85       | -190.92     | 91.92       | 0.00000 | -197.99     |
|             | 0.00000     |             |         |             |
| 70.71       | -205.06     | 77.78       | 0.00000 | -212.13     |
|             | 0.00000     |             |         |             |
| 197.99      | -63.64      | 205.06      | 0.00001 | -70.71      |
|             | 0.00001     |             |         |             |
| 183.85      | -77.78      | 190.92      | 0.00001 | -84.85      |
|             | 0.00001     |             |         |             |
| 169.71      | -91.92      | 176.78      | 0.00001 | -98.99      |
|             | 0.00001     |             |         |             |
| 155.56      | -106.07     | 162.63      | 0.00001 | -113.14     |
|             | 0.00002     |             |         |             |
| 148.49      | -116.67     | 152.03      | 0.00002 | -120.21     |
|             | 0.00002     |             |         |             |
| 144.96      | -122.33     | 146.37      | 0.00002 | -123.74     |
|             | 0.00002     |             |         |             |
| 142.13      | -125.16     | 143.54      | 0.00002 | -126.57     |
|             | 0.00002     |             |         |             |
|             | -127.99     | 140.71      | 0.00002 | -140.71     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 127.99 | 0.00001 |        |         |         |
|        | -142.13 | 126.57 | 0.00001 | -143.54 |
| 125.16 | 0.00001 |        |         |         |
|        | -144.96 | 123.74 | 0.00001 | -146.37 |
| 122.33 | 0.00001 |        |         |         |
|        | -148.49 | 120.21 | 0.00001 | -152.03 |
| 116.67 | 0.00000 |        |         |         |
|        | -155.56 | 113.14 | 0.00000 | -162.63 |
| 106.07 | 0.00000 |        |         |         |
|        | -169.71 | 98.99  | 0.00000 | -176.78 |
| 91.92  | 0.00000 |        |         |         |
|        | -183.85 | 84.85  | 0.00000 | -190.92 |
| 77.78  | 0.00000 |        |         |         |
|        | -197.99 | 70.71  | 0.00000 | -205.06 |
| 63.64  | 0.00000 |        |         |         |
|        | -56.57  | 197.99 | 0.00001 | -63.64  |
| 190.92 | 0.00001 |        |         |         |
|        | -70.71  | 183.85 | 0.00001 | -77.78  |
| 176.78 | 0.00001 |        |         |         |
|        | -84.85  | 169.71 | 0.00001 | -91.92  |
| 162.63 | 0.00001 |        |         |         |
|        | -98.99  | 155.56 | 0.00001 | -106.07 |
| 148.49 | 0.00002 |        |         |         |
|        | -109.60 | 144.96 | 0.00002 | -113.14 |
| 141.42 | 0.00002 |        |         |         |
|        | -115.26 | 139.30 | 0.00002 | -116.67 |
| 137.89 | 0.00002 |        |         |         |
|        | -118.09 | 136.47 | 0.00002 | -119.50 |
| 135.06 | 0.00002 |        |         |         |
|        | -120.92 | 133.64 | 0.00002 | -133.64 |
| 120.92 | 0.00001 |        |         |         |
|        | -135.06 | 119.50 | 0.00001 | -136.47 |
| 118.09 | 0.00001 |        |         |         |
|        | -137.89 | 116.67 | 0.00001 | -139.30 |
| 115.26 | 0.00001 |        |         |         |
|        | -141.42 | 113.14 | 0.00001 | -144.96 |
| 109.60 | 0.00000 |        |         |         |
|        | -148.49 | 106.07 | 0.00000 | -155.56 |
| 98.99  | 0.00000 |        |         |         |
|        | -162.63 | 91.92  | 0.00000 | -169.71 |
| 84.85  | 0.00000 |        |         |         |
|        | -176.78 | 77.78  | 0.00000 | -183.85 |
| 70.71  | 0.00000 |        |         |         |
|        | -190.92 | 63.64  | 0.00000 | -197.99 |
| 56.57  | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08

Di recti on \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*MODELOPTs: 15:11:25

CONC PAGE 126  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DI SCRETE CARTESI AN RECEPTOR POINTS

\*\* CONC OF OTHER IN MICROGRAMS/M\*\*3  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 183.85      | -49.50      | 190.92      | 0.00001 | -56.57      |
|             | 0.00001     |             |         |             |
| 169.71      | -63.64      | 176.78      | 0.00001 | -70.71      |
|             | 0.00001     |             |         |             |
| 155.56      | -77.78      | 162.63      | 0.00001 | -84.85      |
|             | 0.00001     |             |         |             |
| 141.42      | -91.92      | 148.49      | 0.00001 | -98.99      |
|             | 0.00002     |             |         |             |
| 134.35      | -102.53     | 137.89      | 0.00002 | -106.07     |
|             | 0.00002     |             |         |             |
| 130.81      | -108.19     | 132.23      | 0.00002 | -109.60     |
|             | 0.00002     |             |         |             |
| 127.99      | -111.02     | 129.40      | 0.00002 | -112.43     |
|             | 0.00002     |             |         |             |
| 113.84      | -113.84     | 126.57      | 0.00002 | -126.57     |
|             | 0.00001     |             |         |             |
| 111.02      | -127.99     | 112.43      | 0.00001 | -129.40     |
|             | 0.00001     |             |         |             |
| 108.19      | -130.81     | 109.60      | 0.00001 | -132.23     |
|             | 0.00001     |             |         |             |
| 102.53      | -134.35     | 106.07      | 0.00001 | -137.89     |
|             | 0.00001     |             |         |             |
| 91.92       | -141.42     | 98.99       | 0.00000 | -148.49     |
|             | 0.00000     |             |         |             |
| 77.78       | -155.56     | 84.85       | 0.00000 | -162.63     |
|             | 0.00000     |             |         |             |
| 63.64       | -169.71     | 70.71       | 0.00000 | -176.78     |
|             | 0.00000     |             |         |             |
| 49.50       | -183.85     | 56.57       | 0.00000 | -190.92     |
|             | 0.00000     |             |         |             |
| 176.78      | -42.43      | 183.85      | 0.00001 | -49.50      |
|             | 0.00001     |             |         |             |
| 162.63      | -56.57      | 169.71      | 0.00001 | -63.64      |
|             | 0.00001     |             |         |             |
| 148.49      | -70.71      | 155.56      | 0.00001 | -77.78      |
|             | 0.00001     |             |         |             |
| 134.35      | -84.85      | 141.42      | 0.00001 | -91.92      |
|             | 0.00002     |             |         |             |
| 127.28      | -95.46      | 130.81      | 0.00002 | -98.99      |
|             | 0.00002     |             |         |             |
| 123.74      | -101.12     | 125.16      | 0.00002 | -102.53     |
|             | 0.00002     |             |         |             |
| 120.92      | -103.94     | 122.33      | 0.00002 | -105.36     |
|             | 0.00002     |             |         |             |
| 106.77      | -106.77     | 119.50      | 0.00002 | -119.50     |
|             | 0.00001     |             |         |             |
| 103.94      | -120.92     | 105.36      | 0.00001 | -122.33     |
|             | 0.00001     |             |         |             |
| 101.12      | -123.74     | 102.53      | 0.00001 | -125.16     |
|             | 0.00001     |             |         |             |
| 95.46       | -127.28     | 98.99       | 0.00001 | -130.81     |
|             | 0.00001     |             |         |             |
| 84.85       | -134.35     | 91.92       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 70.71       | -148.49     | 77.78       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
|             | -162.63     | 63.64       | 0.00000 | -169.71     |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 56.57  | 0.00000 |        |         |         |
|        | -176.78 | 49.50  | 0.00000 | -183.85 |
| 42.43  | 0.00000 |        |         |         |
|        | -35.36  | 176.78 | 0.00001 | -42.43  |
| 169.71 | 0.00001 |        |         |         |
|        | -49.50  | 162.63 | 0.00001 | -56.57  |
| 155.56 | 0.00001 |        |         |         |
|        | -63.64  | 148.49 | 0.00001 | -70.71  |
| 141.42 | 0.00001 |        |         |         |
|        | -77.78  | 134.35 | 0.00002 | -84.85  |
| 127.28 | 0.00002 |        |         |         |
|        | -88.39  | 123.74 | 0.00002 | -91.92  |
| 120.21 | 0.00002 |        |         |         |
|        | -94.05  | 118.09 | 0.00002 | -95.46  |
| 116.67 | 0.00002 |        |         |         |
|        | -96.87  | 115.26 | 0.00002 | -98.29  |
| 113.84 | 0.00002 |        |         |         |
|        | -99.70  | 112.43 | 0.00002 | -112.43 |
| 99.70  | 0.00001 |        |         |         |
|        | -113.84 | 98.29  | 0.00001 | -115.26 |
| 96.87  | 0.00001 |        |         |         |
|        | -116.67 | 95.46  | 0.00001 | -118.09 |
| 94.05  | 0.00001 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
|             | -120.21     | 91.92       | 0.00001 | -123.74     |
| 88.39       | 0.00001     |             |         |             |
|             | -127.28     | 84.85       | 0.00001 | -134.35     |
| 77.78       | 0.00000     |             |         |             |
|             | -141.42     | 70.71       | 0.00000 | -148.49     |
| 63.64       | 0.00000     |             |         |             |
|             | -155.56     | 56.57       | 0.00000 | -162.63     |
| 49.50       | 0.00000     |             |         |             |
|             | -169.71     | 42.43       | 0.00000 | -176.78     |
| 35.36       | 0.00000     |             |         |             |
|             | -28.28      | 169.71      | 0.00001 | -35.36      |
| 162.63      | 0.00001     |             |         |             |
|             | -42.43      | 155.56      | 0.00001 | -49.50      |
| 148.49      | 0.00001     |             |         |             |
|             | -56.57      | 141.42      | 0.00001 | -63.64      |
| 134.35      | 0.00001     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
|        | -70.71  | 127.28 | 0.00002 | -77.78  |
| 120.21 | 0.00002 |        |         |         |
|        | -81.32  | 116.67 | 0.00002 | -84.85  |
| 113.14 | 0.00002 |        |         |         |
|        | -86.97  | 111.02 | 0.00002 | -88.39  |
| 109.60 | 0.00002 |        |         |         |
|        | -89.80  | 108.19 | 0.00002 | -91.22  |
| 106.77 | 0.00002 |        |         |         |
|        | -92.63  | 105.36 | 0.00003 | -105.36 |
| 92.63  | 0.00001 |        |         |         |
|        | -106.77 | 91.22  | 0.00001 | -108.19 |
| 89.80  | 0.00001 |        |         |         |
|        | -109.60 | 88.39  | 0.00001 | -111.02 |
| 86.97  | 0.00001 |        |         |         |
|        | -113.14 | 84.85  | 0.00001 | -116.67 |
| 81.32  | 0.00001 |        |         |         |
|        | -120.21 | 77.78  | 0.00001 | -127.28 |
| 70.71  | 0.00000 |        |         |         |
|        | -134.35 | 63.64  | 0.00000 | -141.42 |
| 56.57  | 0.00000 |        |         |         |
|        | -148.49 | 49.50  | 0.00000 | -155.56 |
| 42.43  | 0.00000 |        |         |         |
|        | -162.63 | 35.36  | 0.00000 | -169.71 |
| 28.28  | 0.00000 |        |         |         |
|        | -21.21  | 162.63 | 0.00001 | -28.28  |
| 155.56 | 0.00001 |        |         |         |
|        | -35.36  | 148.49 | 0.00001 | -42.43  |
| 141.42 | 0.00001 |        |         |         |
|        | -49.50  | 134.35 | 0.00001 | -56.57  |
| 127.28 | 0.00001 |        |         |         |
|        | -63.64  | 120.21 | 0.00002 | -70.71  |
| 113.14 | 0.00002 |        |         |         |
|        | -74.25  | 109.60 | 0.00002 | -77.78  |
| 106.07 | 0.00002 |        |         |         |
|        | -79.90  | 103.94 | 0.00002 | -81.32  |
| 102.53 | 0.00002 |        |         |         |
|        | -82.73  | 101.12 | 0.00002 | -84.15  |
| 99.70  | 0.00002 |        |         |         |
|        | -85.56  | 98.29  | 0.00003 | -98.29  |
| 85.56  | 0.00001 |        |         |         |
|        | -99.70  | 84.15  | 0.00001 | -101.12 |
| 82.73  | 0.00001 |        |         |         |
|        | -102.53 | 81.32  | 0.00001 | -103.94 |
| 79.90  | 0.00001 |        |         |         |
|        | -106.07 | 77.78  | 0.00001 | -109.60 |
| 74.25  | 0.00001 |        |         |         |
|        | -113.14 | 70.71  | 0.00001 | -120.21 |
| 63.64  | 0.00000 |        |         |         |
|        | -127.28 | 56.57  | 0.00000 | -134.35 |
| 49.50  | 0.00000 |        |         |         |
|        | -141.42 | 42.43  | 0.00000 | -148.49 |
| 35.36  | 0.00000 |        |         |         |
|        | -155.56 | 28.28  | 0.00000 | -162.63 |
| 21.21  | 0.00000 |        |         |         |
|        | -14.14  | 155.56 | 0.00001 | -21.21  |
| 148.49 | 0.00001 |        |         |         |
|        | -28.28  | 141.42 | 0.00001 | -35.36  |
| 134.35 | 0.00001 |        |         |         |
|        | -42.43  | 127.28 | 0.00001 | -49.50  |
| 120.21 | 0.00001 |        |         |         |
|        | -56.57  | 113.14 | 0.00002 | -63.64  |
| 106.07 | 0.00002 |        |         |         |
|        | -67.18  | 102.53 | 0.00002 | -70.71  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

98.99 0.00002  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

PAGE 128  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 95.46       | -72.83      | 96.87       | 0.00002 | -74.25      |
|             | 0.00002     |             |         |             |
| 92.63       | -75.66      | 94.05       | 0.00002 | -77.07      |
|             | 0.00002     |             |         |             |
| 78.49       | -78.49      | 91.22       | 0.00003 | -91.22      |
|             | 0.00001     |             |         |             |
| 75.66       | -92.63      | 77.07       | 0.00001 | -94.05      |
|             | 0.00001     |             |         |             |
| 72.83       | -95.46      | 74.25       | 0.00001 | -96.87      |
|             | 0.00001     |             |         |             |
| 67.18       | -98.99      | 70.71       | 0.00001 | -102.53     |
|             | 0.00001     |             |         |             |
| 56.57       | -106.07     | 63.64       | 0.00001 | -113.14     |
|             | 0.00000     |             |         |             |
| 42.43       | -120.21     | 49.50       | 0.00000 | -127.28     |
|             | 0.00000     |             |         |             |
| 28.28       | -134.35     | 35.36       | 0.00000 | -141.42     |
|             | 0.00000     |             |         |             |
| 14.14       | -148.49     | 21.21       | 0.00000 | -155.56     |
|             | 0.00000     |             |         |             |
| 141.42      | -7.07       | 148.49      | 0.00001 | -14.14      |
|             | 0.00001     |             |         |             |
| 127.28      | -21.21      | 134.35      | 0.00001 | -28.28      |
|             | 0.00001     |             |         |             |
| 113.14      | -35.36      | 120.21      | 0.00001 | -42.43      |
|             | 0.00001     |             |         |             |
| 98.99       | -49.50      | 106.07      | 0.00002 | -56.57      |
|             | 0.00002     |             |         |             |
| 91.92       | -60.10      | 95.46       | 0.00002 | -63.64      |
|             | 0.00002     |             |         |             |
| 88.39       | -65.76      | 89.80       | 0.00002 | -67.18      |
|             | 0.00002     |             |         |             |
| 85.56       | -68.59      | 86.97       | 0.00002 | -70.00      |
|             | 0.00003     |             |         |             |
| 71.42       | -71.42      | 84.15       | 0.00003 | -84.15      |
|             | 0.00001     |             |         |             |
| 68.59       | -85.56      | 70.00       | 0.00001 | -86.97      |
|             | 0.00001     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 65.76  | -88.39  | 67.18  | 0.00001 | -89.80  |
|        | 0.00001 |        |         |         |
| 60.10  | -91.92  | 63.64  | 0.00001 | -95.46  |
|        | 0.00001 |        |         |         |
| 49.50  | -98.99  | 56.57  | 0.00001 | -106.07 |
|        | 0.00000 |        |         |         |
| 35.36  | -113.14 | 42.43  | 0.00000 | -120.21 |
|        | 0.00000 |        |         |         |
| 21.21  | -127.28 | 28.28  | 0.00000 | -134.35 |
|        | 0.00000 |        |         |         |
| 7.07   | -141.42 | 14.14  | 0.00000 | -148.49 |
|        | 0.00000 |        |         |         |
| 134.35 | 0.00    | 141.42 | 0.00001 | -7.07   |
|        | 0.00001 |        |         |         |
| 120.21 | -14.14  | 127.28 | 0.00001 | -21.21  |
|        | 0.00001 |        |         |         |
| 106.07 | -28.28  | 113.14 | 0.00001 | -35.36  |
|        | 0.00001 |        |         |         |
| 91.92  | -42.43  | 98.99  | 0.00002 | -49.50  |
|        | 0.00002 |        |         |         |
| 84.85  | -53.03  | 88.39  | 0.00002 | -56.57  |
|        | 0.00002 |        |         |         |
| 81.32  | -58.69  | 82.73  | 0.00002 | -60.10  |
|        | 0.00002 |        |         |         |
| 78.49  | -61.52  | 79.90  | 0.00002 | -62.93  |
|        | 0.00003 |        |         |         |
| 64.35  | -64.35  | 77.07  | 0.00003 | -77.07  |
|        | 0.00001 |        |         |         |
| 61.52  | -78.49  | 62.93  | 0.00001 | -79.90  |
|        | 0.00001 |        |         |         |
| 58.69  | -81.32  | 60.10  | 0.00001 | -82.73  |
|        | 0.00001 |        |         |         |
| 53.03  | -84.85  | 56.57  | 0.00001 | -88.39  |
|        | 0.00001 |        |         |         |
| 42.43  | -91.92  | 49.50  | 0.00001 | -98.99  |
|        | 0.00000 |        |         |         |
| 28.28  | -106.07 | 35.36  | 0.00000 | -113.14 |
|        | 0.00000 |        |         |         |
| 14.14  | -120.21 | 21.21  | 0.00000 | -127.28 |
|        | 0.00000 |        |         |         |
| 0.00   | -134.35 | 7.07   | 0.00000 | -141.42 |
|        | 0.00000 |        |         |         |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

Direction \*\*\* Maximum train overlap at SE/NW Bound  
\*\*MODELOPTs: 15:11:25

CONC PAGE 129  
URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
NCRA\_S3 , NCRA\_S4 , NCRA\_S5 , \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

X-COORD (M) Y-COORD (M) CONC X-COORD (M)  
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05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 CONC

Y-COORD (M)

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 127.28 | 7.07    | 134.35 | 0.00001 | 0.00    |
|        | 0.00001 |        |         |         |
|        | -7.07   | 120.21 | 0.00001 | -14.14  |
| 113.14 | 0.00001 |        |         |         |
|        | -21.21  | 106.07 | 0.00001 | -28.28  |
| 98.99  | 0.00001 |        |         |         |
|        | -35.36  | 91.92  | 0.00002 | -42.43  |
| 84.85  | 0.00002 |        |         |         |
|        | -45.96  | 81.32  | 0.00002 | -49.50  |
| 77.78  | 0.00002 |        |         |         |
|        | -51.62  | 75.66  | 0.00002 | -53.03  |
| 74.25  | 0.00002 |        |         |         |
|        | -54.45  | 72.83  | 0.00002 | -55.86  |
| 71.42  | 0.00003 |        |         |         |
|        | -57.28  | 70.00  | 0.00003 | -70.00  |
| 57.28  | 0.00001 |        |         |         |
|        | -71.42  | 55.86  | 0.00001 | -72.83  |
| 54.45  | 0.00001 |        |         |         |
|        | -74.25  | 53.03  | 0.00001 | -75.66  |
| 51.62  | 0.00001 |        |         |         |
|        | -77.78  | 49.50  | 0.00001 | -81.32  |
| 45.96  | 0.00001 |        |         |         |
|        | -84.85  | 42.43  | 0.00001 | -91.92  |
| 35.36  | 0.00000 |        |         |         |
|        | -98.99  | 28.28  | 0.00000 | -106.07 |
| 21.21  | 0.00000 |        |         |         |
|        | -113.14 | 14.14  | 0.00000 | -120.21 |
| 7.07   | 0.00000 |        |         |         |
|        | -127.28 | 0.00   | 0.00000 | -134.35 |
| -7.07  | 0.00000 |        |         |         |
|        | 14.14   | 127.28 | 0.00001 | 7.07    |
| 120.21 | 0.00001 |        |         |         |
|        | 0.00    | 113.14 | 0.00001 | -7.07   |
| 106.07 | 0.00001 |        |         |         |
|        | -14.14  | 98.99  | 0.00001 | -21.21  |
| 91.92  | 0.00001 |        |         |         |
|        | -28.28  | 84.85  | 0.00002 | -35.36  |
| 77.78  | 0.00002 |        |         |         |
|        | -38.89  | 74.25  | 0.00002 | -42.43  |
| 70.71  | 0.00002 |        |         |         |
|        | -44.55  | 68.59  | 0.00002 | -45.96  |
| 67.18  | 0.00002 |        |         |         |
|        | -47.38  | 65.76  | 0.00002 | -48.79  |
| 64.35  | 0.00003 |        |         |         |
|        | -50.20  | 62.93  | 0.00003 | -62.93  |
| 50.20  | 0.00001 |        |         |         |
|        | -64.35  | 48.79  | 0.00001 | -65.76  |
| 47.38  | 0.00001 |        |         |         |
|        | -67.18  | 45.96  | 0.00001 | -68.59  |
| 44.55  | 0.00001 |        |         |         |
|        | -70.71  | 42.43  | 0.00001 | -74.25  |
| 38.89  | 0.00001 |        |         |         |
|        | -77.78  | 35.36  | 0.00001 | -84.85  |
| 28.28  | 0.00000 |        |         |         |
|        | -91.92  | 21.21  | 0.00000 | -98.99  |
| 14.14  | 0.00000 |        |         |         |
|        | -106.07 | 7.07   | 0.00000 | -113.14 |
| 0.00   | 0.00000 |        |         |         |
|        | -120.21 | -7.07  | 0.00000 | -127.28 |
| -14.14 | 0.00000 |        |         |         |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 113.14 | 21.21   | 120.21 | 0.00001 | 14.14  |
|        | 0.00001 |        |         |        |
| 98.99  | 7.07    | 106.07 | 0.00001 | 0.00   |
|        | 0.00001 |        |         |        |
| 84.85  | -7.07   | 91.92  | 0.00001 | -14.14 |
|        | 0.00001 |        |         |        |
| 70.71  | -21.21  | 77.78  | 0.00002 | -28.28 |
|        | 0.00002 |        |         |        |
| 63.64  | -31.82  | 67.18  | 0.00002 | -35.36 |
|        | 0.00002 |        |         |        |
| 60.10  | -37.48  | 61.52  | 0.00002 | -38.89 |
|        | 0.00002 |        |         |        |
| 57.28  | -40.31  | 58.69  | 0.00002 | -41.72 |
|        | 0.00003 |        |         |        |
| 43.13  | -43.13  | 55.86  | 0.00003 | -55.86 |
|        | 0.00001 |        |         |        |
| 40.31  | -57.28  | 41.72  | 0.00001 | -58.69 |
|        | 0.00001 |        |         |        |
| 37.48  | -60.10  | 38.89  | 0.00001 | -61.52 |
|        | 0.00001 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

CONC

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 31.82       | -63.64      | 35.36       | 0.00001 | -67.18      |
|             | 0.00001     |             |         |             |
| 21.21       | -70.71      | 28.28       | 0.00001 | -77.78      |
|             | 0.00001     |             |         |             |
| 7.07        | -84.85      | 14.14       | 0.00000 | -91.92      |
|             | 0.00000     |             |         |             |
| -7.07       | -98.99      | 0.00        | 0.00000 | -106.07     |
|             | 0.00000     |             |         |             |
| -21.21      | -113.14     | -14.14      | 0.00000 | -120.21     |
|             | 0.00000     |             |         |             |
| 106.07      | 28.28       | 113.14      | 0.00001 | 21.21       |
|             | 0.00001     |             |         |             |
| 91.92       | 14.14       | 98.99       | 0.00001 | 7.07        |
|             | 0.00001     |             |         |             |
| 77.78       | 0.00        | 84.85       | 0.00001 | -7.07       |
|             | 0.00001     |             |         |             |
| 63.64       | -14.14      | 70.71       | 0.00002 | -21.21      |
|             | 0.00002     |             |         |             |
|             | -24.75      | 60.10       | 0.00002 | -28.28      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |         |
|--------|---------|--------|---------|---------|
| 56.57  | 0.00002 |        |         |         |
|        | -30.41  | 54.45  | 0.00002 | -31.82  |
| 53.03  | 0.00002 |        |         |         |
|        | -33.23  | 51.62  | 0.00002 | -34.65  |
| 50.20  | 0.00003 |        |         |         |
|        | -36.06  | 48.79  | 0.00003 | -48.79  |
| 36.06  | 0.00001 |        |         |         |
|        | -50.20  | 34.65  | 0.00001 | -51.62  |
| 33.23  | 0.00001 |        |         |         |
|        | -53.03  | 31.82  | 0.00001 | -54.45  |
| 30.41  | 0.00001 |        |         |         |
|        | -56.57  | 28.28  | 0.00001 | -60.10  |
| 24.75  | 0.00001 |        |         |         |
|        | -63.64  | 21.21  | 0.00001 | -70.71  |
| 14.14  | 0.00001 |        |         |         |
|        | -77.78  | 7.07   | 0.00000 | -84.85  |
| 0.00   | 0.00000 |        |         |         |
|        | -91.92  | -7.07  | 0.00000 | -98.99  |
| -14.14 | 0.00000 |        |         |         |
|        | -106.07 | -21.21 | 0.00000 | -113.14 |
| -28.28 | 0.00000 |        |         |         |
|        | 35.36   | 106.07 | 0.00001 | 28.28   |
| 98.99  | 0.00001 |        |         |         |
|        | 21.21   | 91.92  | 0.00001 | 14.14   |
| 84.85  | 0.00001 |        |         |         |
|        | 7.07    | 77.78  | 0.00001 | 0.00    |
| 70.71  | 0.00001 |        |         |         |
|        | -7.07   | 63.64  | 0.00002 | -14.14  |
| 56.57  | 0.00002 |        |         |         |
|        | -17.68  | 53.03  | 0.00002 | -21.21  |
| 49.50  | 0.00002 |        |         |         |
|        | -23.33  | 47.38  | 0.00002 | -24.75  |
| 45.96  | 0.00002 |        |         |         |
|        | -26.16  | 44.55  | 0.00003 | -27.58  |
| 43.13  | 0.00003 |        |         |         |
|        | -28.99  | 41.72  | 0.00003 | -41.72  |
| 28.99  | 0.00001 |        |         |         |
|        | -43.13  | 27.58  | 0.00001 | -44.55  |
| 26.16  | 0.00001 |        |         |         |
|        | -45.96  | 24.75  | 0.00001 | -47.38  |
| 23.33  | 0.00001 |        |         |         |
|        | -49.50  | 21.21  | 0.00001 | -53.03  |
| 17.68  | 0.00001 |        |         |         |
|        | -56.57  | 14.14  | 0.00001 | -63.64  |
| 7.07   | 0.00001 |        |         |         |
|        | -70.71  | 0.00   | 0.00000 | -77.78  |
| -7.07  | 0.00000 |        |         |         |
|        | -84.85  | -14.14 | 0.00000 | -91.92  |
| -21.21 | 0.00000 |        |         |         |
|        | -98.99  | -28.28 | 0.00000 | -106.07 |
| -35.36 | 0.00000 |        |         |         |
|        | 42.43   | 98.99  | 0.00001 | 35.36   |
| 91.92  | 0.00001 |        |         |         |
|        | 28.28   | 84.85  | 0.00001 | 21.21   |
| 77.78  | 0.00001 |        |         |         |
|        | 14.14   | 70.71  | 0.00001 | 7.07    |
| 63.64  | 0.00001 |        |         |         |
|        | 0.00    | 56.57  | 0.00002 | -7.07   |
| 49.50  | 0.00002 |        |         |         |
|        | -10.61  | 45.96  | 0.00002 | -14.14  |
| 42.43  | 0.00002 |        |         |         |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*

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\*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08



Direction  
\*\*MODELOPTs:

\*\*\*

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CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
\*\*\*  
INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| 38.89       | -16.26      | 40.31       | 0.00002 | -17.68      |
|             | 0.00002     |             |         |             |
| 36.06       | -19.09      | 37.48       | 0.00003 | -20.51      |
|             | 0.00003     |             |         |             |
| 21.92       | -21.92      | 34.65       | 0.00003 | -34.65      |
|             | 0.00001     |             |         |             |
| 19.09       | -36.06      | 20.51       | 0.00001 | -37.48      |
|             | 0.00001     |             |         |             |
| 16.26       | -38.89      | 17.68       | 0.00001 | -40.31      |
|             | 0.00001     |             |         |             |
| 10.61       | -42.43      | 14.14       | 0.00001 | -45.96      |
|             | 0.00001     |             |         |             |
| 0.00        | -49.50      | 7.07        | 0.00001 | -56.57      |
|             | 0.00001     |             |         |             |
| -14.14      | -63.64      | -7.07       | 0.00000 | -70.71      |
|             | 0.00000     |             |         |             |
| -28.28      | -77.78      | -21.21      | 0.00000 | -84.85      |
|             | 0.00000     |             |         |             |
| -42.43      | -91.92      | -35.36      | 0.00000 | -98.99      |
|             | 0.00000     |             |         |             |
| 84.85       | 49.50       | 91.92       | 0.00001 | 42.43       |
|             | 0.00001     |             |         |             |
| 70.71       | 35.36       | 77.78       | 0.00001 | 28.28       |
|             | 0.00001     |             |         |             |
| 56.57       | 21.21       | 63.64       | 0.00001 | 14.14       |
|             | 0.00001     |             |         |             |
| 42.43       | 7.07        | 49.50       | 0.00002 | 0.00        |
|             | 0.00002     |             |         |             |
| 35.36       | -3.54       | 38.89       | 0.00002 | -7.07       |
|             | 0.00002     |             |         |             |
| 31.82       | -9.19       | 33.23       | 0.00002 | -10.61      |
|             | 0.00002     |             |         |             |
| 28.99       | -12.02      | 30.41       | 0.00003 | -13.44      |
|             | 0.00003     |             |         |             |
| 14.85       | -14.85      | 27.58       | 0.00003 | -27.58      |
|             | 0.00001     |             |         |             |
| 12.02       | -28.99      | 13.44       | 0.00001 | -30.41      |
|             | 0.00001     |             |         |             |
| 9.19        | -31.82      | 10.61       | 0.00001 | -33.23      |
|             | 0.00001     |             |         |             |
|             | -35.36      | 7.07        | 0.00001 | -38.89      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 3.54   | 0.00001 |        |         |        |
|        | -42.43  | 0.00   | 0.00001 | -49.50 |
| -7.07  | 0.00001 |        |         |        |
|        | -56.57  | -14.14 | 0.00000 | -63.64 |
| -21.21 | 0.00000 |        |         |        |
|        | -70.71  | -28.28 | 0.00000 | -77.78 |
| -35.36 | 0.00000 |        |         |        |
|        | -84.85  | -42.43 | 0.00000 | -91.92 |
| -49.50 | 0.00000 |        |         |        |
|        | 56.57   | 84.85  | 0.00001 | 49.50  |
| 77.78  | 0.00001 |        |         |        |
|        | 42.43   | 70.71  | 0.00001 | 35.36  |
| 63.64  | 0.00001 |        |         |        |
|        | 28.28   | 56.57  | 0.00001 | 21.21  |
| 49.50  | 0.00001 |        |         |        |
|        | 14.14   | 42.43  | 0.00002 | 7.07   |
| 35.36  | 0.00002 |        |         |        |
|        | 3.54    | 31.82  | 0.00002 | 0.00   |
| 28.28  | 0.00002 |        |         |        |
|        | -2.12   | 26.16  | 0.00002 | -3.54  |
| 24.75  | 0.00002 |        |         |        |
|        | -4.95   | 23.33  | 0.00003 | -6.36  |
| 21.92  | 0.00003 |        |         |        |
|        | -7.78   | 20.51  | 0.00003 | -20.51 |
| 7.78   | 0.00001 |        |         |        |
|        | -21.92  | 6.36   | 0.00001 | -23.33 |
| 4.95   | 0.00001 |        |         |        |
|        | -24.75  | 3.54   | 0.00001 | -26.16 |
| 2.12   | 0.00001 |        |         |        |
|        | -28.28  | 0.00   | 0.00001 | -31.82 |
| -3.54  | 0.00001 |        |         |        |
|        | -35.36  | -7.07  | 0.00001 | -42.43 |
| -14.14 | 0.00001 |        |         |        |
|        | -49.50  | -21.21 | 0.00000 | -56.57 |
| -28.28 | 0.00000 |        |         |        |
|        | -63.64  | -35.36 | 0.00000 | -70.71 |
| -42.43 | 0.00000 |        |         |        |
|        | -77.78  | -49.50 | 0.00000 | -84.85 |
| -56.57 | 0.00000 |        |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , 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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| 70.71  | 63.64   | 77.78  | 0.00001 | 56.57  |
|        | 0.00001 |        |         |        |
| 56.57  | 49.50   | 63.64  | 0.00001 | 42.43  |
|        | 0.00001 |        |         |        |
| 42.43  | 35.36   | 49.50  | 0.00001 | 28.28  |
|        | 0.00001 |        |         |        |
| 28.28  | 21.21   | 35.36  | 0.00002 | 14.14  |
|        | 0.00002 |        |         |        |
| 21.21  | 10.61   | 24.75  | 0.00002 | 7.07   |
|        | 0.00002 |        |         |        |
| 17.68  | 4.95    | 19.09  | 0.00002 | 3.54   |
|        | 0.00002 |        |         |        |
| 14.85  | 2.12    | 16.26  | 0.00003 | 0.71   |
|        | 0.00003 |        |         |        |
| 0.71   | -0.71   | 13.44  | 0.00003 | -13.44 |
|        | 0.00001 |        |         |        |
| -2.12  | -14.85  | -0.71  | 0.00001 | -16.26 |
|        | 0.00001 |        |         |        |
| -4.95  | -17.68  | -3.54  | 0.00001 | -19.09 |
|        | 0.00001 |        |         |        |
| -10.61 | -21.21  | -7.07  | 0.00001 | -24.75 |
|        | 0.00001 |        |         |        |
| -21.21 | -28.28  | -14.14 | 0.00001 | -35.36 |
|        | 0.00001 |        |         |        |
| -35.36 | -42.43  | -28.28 | 0.00000 | -49.50 |
|        | 0.00000 |        |         |        |
| -49.50 | -56.57  | -42.43 | 0.00000 | -63.64 |
|        | 0.00000 |        |         |        |
| -63.64 | -70.71  | -56.57 | 0.00000 | -77.78 |
|        | 0.00000 |        |         |        |
| 63.64  | 70.71   | 70.71  | 0.00001 | 63.64  |
|        | 0.00001 |        |         |        |
| 49.50  | 56.57   | 56.57  | 0.00001 | 49.50  |
|        | 0.00001 |        |         |        |
| 35.36  | 42.43   | 42.43  | 0.00001 | 35.36  |
|        | 0.00001 |        |         |        |
| 21.21  | 28.28   | 28.28  | 0.00002 | 21.21  |
|        | 0.00002 |        |         |        |
| 14.14  | 17.68   | 17.68  | 0.00002 | 14.14  |
|        | 0.00002 |        |         |        |
| 10.61  | 12.02   | 12.02  | 0.00002 | 10.61  |
|        | 0.00002 |        |         |        |
| 7.78   | 9.19    | 9.19   | 0.00003 | 7.78   |
|        | 0.00003 |        |         |        |
| -6.36  | 6.36    | 6.36   | 0.00003 | -6.36  |
|        | 0.00001 |        |         |        |
| -9.19  | -7.78   | -7.78  | 0.00001 | -9.19  |
|        | 0.00001 |        |         |        |
| -12.02 | -10.61  | -10.61 | 0.00001 | -12.02 |
|        | 0.00001 |        |         |        |
| -17.68 | -14.14  | -14.14 | 0.00001 | -17.68 |
|        | 0.00001 |        |         |        |
| -28.28 | -21.21  | -21.21 | 0.00001 | -28.28 |
|        | 0.00001 |        |         |        |
| -42.43 | -35.36  | -35.36 | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -56.57 | -49.50  | -49.50 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| -70.71 | -63.64  | -63.64 | 0.00000 | -70.71 |
|        | 0.00000 |        |         |        |
| 56.57  | 77.78   | 63.64  | 0.00001 | 70.71  |
|        | 0.00001 |        |         |        |
|        | 63.64   | 49.50  | 0.00001 | 56.57  |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |  |       |
|--------|---------|--------|---------|--|-------|
| 42.43  | 0.00001 |        |         |  |       |
|        | 49.50   | 35.36  | 0.00001 |  | 42.43 |
| 28.28  | 0.00001 |        |         |  |       |
|        | 35.36   | 21.21  | 0.00002 |  | 28.28 |
| 14.14  | 0.00002 |        |         |  |       |
|        | 24.75   | 10.61  | 0.00002 |  | 21.21 |
| 7.07   | 0.00002 |        |         |  |       |
|        | 19.09   | 4.95   | 0.00002 |  | 17.68 |
| 3.54   | 0.00002 |        |         |  |       |
|        | 16.26   | 2.12   | 0.00003 |  | 14.85 |
| 0.71   | 0.00003 |        |         |  |       |
|        | 13.44   | -0.71  | 0.00003 |  | 0.71  |
| -13.44 | 0.00001 |        |         |  |       |
|        | -0.71   | -14.85 | 0.00001 |  | -2.12 |
| -16.26 | 0.00001 |        |         |  |       |
|        | -3.54   | -17.68 | 0.00001 |  | -4.95 |
| -19.09 | 0.00001 |        |         |  |       |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| X-COORD (M) |         | Y-COORD (M) |         | CONC | X-COORD (M) |
|-------------|---------|-------------|---------|------|-------------|
| Y-COORD (M) | CONC    |             | CONC    |      |             |
| -24.75      | -7.07   | -21.21      | 0.00001 |      | -10.61      |
|             | 0.00001 |             |         |      |             |
| -35.36      | -14.14  | -28.28      | 0.00001 |      | -21.21      |
|             | 0.00001 |             |         |      |             |
| -49.50      | -28.28  | -42.43      | 0.00000 |      | -35.36      |
|             | 0.00000 |             |         |      |             |
| -63.64      | -42.43  | -56.57      | 0.00000 |      | -49.50      |
|             | 0.00000 |             |         |      |             |
| -77.78      | -56.57  | -70.71      | 0.00000 |      | -63.64      |
|             | 0.00000 |             |         |      |             |
| 49.50       | 84.85   | 56.57       | 0.00001 |      | 77.78       |
|             | 0.00001 |             |         |      |             |
| 35.36       | 70.71   | 42.43       | 0.00001 |      | 63.64       |
|             | 0.00001 |             |         |      |             |
| 21.21       | 56.57   | 28.28       | 0.00001 |      | 49.50       |
|             | 0.00001 |             |         |      |             |
| 7.07        | 42.43   | 14.14       | 0.00002 |      | 35.36       |
|             | 0.00002 |             |         |      |             |
| 0.00        | 31.82   | 3.54        | 0.00002 |      | 28.28       |
|             | 0.00002 |             |         |      |             |
| -3.54       | 26.16   | -2.12       | 0.00002 |      | 24.75       |
|             | 0.00002 |             |         |      |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|        |         |        |         |        |
|--------|---------|--------|---------|--------|
| -6.36  | 23.33   | -4.95  | 0.00003 | 21.92  |
|        | 0.00003 |        |         |        |
| -20.51 | 20.51   | -7.78  | 0.00003 | 7.78   |
|        | 0.00001 |        |         |        |
| -23.33 | 6.36    | -21.92 | 0.00001 | 4.95   |
|        | 0.00001 |        |         |        |
| -26.16 | 3.54    | -24.75 | 0.00001 | 2.12   |
|        | 0.00001 |        |         |        |
| -31.82 | 0.00    | -28.28 | 0.00001 | -3.54  |
|        | 0.00001 |        |         |        |
| -42.43 | -7.07   | -35.36 | 0.00001 | -14.14 |
|        | 0.00001 |        |         |        |
| -56.57 | -21.21  | -49.50 | 0.00000 | -28.28 |
|        | 0.00000 |        |         |        |
| -70.71 | -35.36  | -63.64 | 0.00000 | -42.43 |
|        | 0.00000 |        |         |        |
| -84.85 | -49.50  | -77.78 | 0.00000 | -56.57 |
|        | 0.00000 |        |         |        |
| 42.43  | 91.92   | 49.50  | 0.00001 | 84.85  |
|        | 0.00001 |        |         |        |
| 28.28  | 77.78   | 35.36  | 0.00001 | 70.71  |
|        | 0.00001 |        |         |        |
| 14.14  | 63.64   | 21.21  | 0.00001 | 56.57  |
|        | 0.00001 |        |         |        |
| 0.00   | 49.50   | 7.07   | 0.00002 | 42.43  |
|        | 0.00002 |        |         |        |
| -7.07  | 38.89   | -3.54  | 0.00002 | 35.36  |
|        | 0.00002 |        |         |        |
| -10.61 | 33.23   | -9.19  | 0.00002 | 31.82  |
|        | 0.00002 |        |         |        |
| -13.44 | 30.41   | -12.02 | 0.00003 | 28.99  |
|        | 0.00003 |        |         |        |
| -27.58 | 27.58   | -14.85 | 0.00003 | 14.85  |
|        | 0.00001 |        |         |        |
| -30.41 | 13.44   | -28.99 | 0.00001 | 12.02  |
|        | 0.00001 |        |         |        |
| -33.23 | 10.61   | -31.82 | 0.00001 | 9.19   |
|        | 0.00001 |        |         |        |
| -38.89 | 7.07    | -35.36 | 0.00001 | 3.54   |
|        | 0.00001 |        |         |        |
| -49.50 | 0.00    | -42.43 | 0.00001 | -7.07  |
|        | 0.00001 |        |         |        |
| -63.64 | -14.14  | -56.57 | 0.00000 | -21.21 |
|        | 0.00000 |        |         |        |
| -77.78 | -28.28  | -70.71 | 0.00000 | -35.36 |
|        | 0.00000 |        |         |        |
| -91.92 | -42.43  | -84.85 | 0.00000 | -49.50 |
|        | 0.00000 |        |         |        |
| 35.36  | 98.99   | 42.43  | 0.00001 | 91.92  |
|        | 0.00001 |        |         |        |
| 21.21  | 84.85   | 28.28  | 0.00001 | 77.78  |
|        | 0.00001 |        |         |        |
| 7.07   | 70.71   | 14.14  | 0.00001 | 63.64  |
|        | 0.00001 |        |         |        |
| -7.07  | 56.57   | 0.00   | 0.00002 | 49.50  |
|        | 0.00002 |        |         |        |
| -14.14 | 45.96   | -10.61 | 0.00002 | 42.43  |
|        | 0.00002 |        |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\*

\*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

CONC

URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\*

INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -17.68      | 40.31       | -16.26      | 0.00002 | 38.89       |
| -20.51      | 37.48       | -19.09      | 0.00003 | 36.06       |
| -34.65      | 34.65       | -21.92      | 0.00003 | 21.92       |
| -37.48      | 20.51       | -36.06      | 0.00001 | 19.09       |
| -40.31      | 17.68       | -38.89      | 0.00001 | 16.26       |
| -45.96      | 14.14       | -42.43      | 0.00001 | 10.61       |
| -56.57      | 7.07        | -49.50      | 0.00001 | 0.00        |
| -70.71      | -7.07       | -63.64      | 0.00000 | -14.14      |
| -84.85      | -21.21      | -77.78      | 0.00000 | -28.28      |
| -98.99      | -35.36      | -91.92      | 0.00000 | -42.43      |
| 28.28       | 106.07      | 35.36       | 0.00001 | 98.99       |
| 14.14       | 91.92       | 21.21       | 0.00001 | 84.85       |
| 0.00        | 77.78       | 7.07        | 0.00001 | 70.71       |
| -14.14      | 63.64       | -7.07       | 0.00002 | 56.57       |
| -21.21      | 53.03       | -17.68      | 0.00002 | 49.50       |
| -24.75      | 47.38       | -23.33      | 0.00002 | 45.96       |
| -27.58      | 44.55       | -26.16      | 0.00003 | 43.13       |
| -41.72      | 41.72       | -28.99      | 0.00003 | 28.99       |
| -44.55      | 27.58       | -43.13      | 0.00001 | 26.16       |
| -47.38      | 24.75       | -45.96      | 0.00001 | 23.33       |
| -53.03      | 21.21       | -49.50      | 0.00001 | 17.68       |
| -63.64      | 14.14       | -56.57      | 0.00001 | 7.07        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -77.78  | 0.00    | -70.71  | 0.00000 | -7.07  |
|         | 0.00000 |         |         |        |
| -91.92  | -14.14  | -84.85  | 0.00000 | -21.21 |
|         | 0.00000 |         |         |        |
| -106.07 | -28.28  | -98.99  | 0.00000 | -35.36 |
|         | 0.00000 |         |         |        |
| 21.21   | 113.14  | 28.28   | 0.00001 | 106.07 |
|         | 0.00001 |         |         |        |
| 7.07    | 98.99   | 14.14   | 0.00001 | 91.92  |
|         | 0.00001 |         |         |        |
| -7.07   | 84.85   | 0.00    | 0.00001 | 77.78  |
|         | 0.00001 |         |         |        |
| -21.21  | 70.71   | -14.14  | 0.00002 | 63.64  |
|         | 0.00002 |         |         |        |
| -28.28  | 60.10   | -24.75  | 0.00002 | 56.57  |
|         | 0.00002 |         |         |        |
| -31.82  | 54.45   | -30.41  | 0.00002 | 53.03  |
|         | 0.00002 |         |         |        |
| -34.65  | 51.62   | -33.23  | 0.00002 | 50.20  |
|         | 0.00003 |         |         |        |
| -48.79  | 48.79   | -36.06  | 0.00003 | 36.06  |
|         | 0.00001 |         |         |        |
| -51.62  | 34.65   | -50.20  | 0.00001 | 33.23  |
|         | 0.00001 |         |         |        |
| -54.45  | 31.82   | -53.03  | 0.00001 | 30.41  |
|         | 0.00001 |         |         |        |
| -60.10  | 28.28   | -56.57  | 0.00001 | 24.75  |
|         | 0.00001 |         |         |        |
| -70.71  | 21.21   | -63.64  | 0.00001 | 14.14  |
|         | 0.00001 |         |         |        |
| -84.85  | 7.07    | -77.78  | 0.00000 | 0.00   |
|         | 0.00000 |         |         |        |
| -98.99  | -7.07   | -91.92  | 0.00000 | -14.14 |
|         | 0.00000 |         |         |        |
| -113.14 | -21.21  | -106.07 | 0.00000 | -28.28 |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

| ** CONC OF OTHER IN MICROGRAMS/M**3 |             |
|-------------------------------------|-------------|
| X-COORD (M)                         | Y-COORD (M) |
| Y-COORD (M)                         | CONC        |
| 14.14                               | 120.21      |
|                                     | 0.00001     |
|                                     | 21.21       |
|                                     | 0.00001     |
|                                     | 113.14      |
|                                     | 106.07      |
|                                     | 7.07        |
|                                     | 0.00001     |
|                                     | 98.99       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| 0.00    | 0.00001 |         |         |        |
|         | 91.92   | -7.07   | 0.00001 | 84.85  |
| -14.14  | 0.00001 |         |         |        |
|         | 77.78   | -21.21  | 0.00002 | 70.71  |
| -28.28  | 0.00002 |         |         |        |
|         | 67.18   | -31.82  | 0.00002 | 63.64  |
| -35.36  | 0.00002 |         |         |        |
|         | 61.52   | -37.48  | 0.00002 | 60.10  |
| -38.89  | 0.00002 |         |         |        |
|         | 58.69   | -40.31  | 0.00002 | 57.28  |
| -41.72  | 0.00003 |         |         |        |
|         | 55.86   | -43.13  | 0.00003 | 43.13  |
| -55.86  | 0.00001 |         |         |        |
|         | 41.72   | -57.28  | 0.00001 | 40.31  |
| -58.69  | 0.00001 |         |         |        |
|         | 38.89   | -60.10  | 0.00001 | 37.48  |
| -61.52  | 0.00001 |         |         |        |
|         | 35.36   | -63.64  | 0.00001 | 31.82  |
| -67.18  | 0.00001 |         |         |        |
|         | 28.28   | -70.71  | 0.00001 | 21.21  |
| -77.78  | 0.00001 |         |         |        |
|         | 14.14   | -84.85  | 0.00000 | 7.07   |
| -91.92  | 0.00000 |         |         |        |
|         | 0.00    | -98.99  | 0.00000 | -7.07  |
| -106.07 | 0.00000 |         |         |        |
|         | -14.14  | -113.14 | 0.00000 | -21.21 |
| -120.21 | 0.00000 |         |         |        |
|         | 127.28  | 14.14   | 0.00001 | 120.21 |
| 7.07    | 0.00001 |         |         |        |
|         | 113.14  | 0.00    | 0.00001 | 106.07 |
| -7.07   | 0.00001 |         |         |        |
|         | 98.99   | -14.14  | 0.00001 | 91.92  |
| -21.21  | 0.00001 |         |         |        |
|         | 84.85   | -28.28  | 0.00002 | 77.78  |
| -35.36  | 0.00002 |         |         |        |
|         | 74.25   | -38.89  | 0.00002 | 70.71  |
| -42.43  | 0.00002 |         |         |        |
|         | 68.59   | -44.55  | 0.00002 | 67.18  |
| -45.96  | 0.00002 |         |         |        |
|         | 65.76   | -47.38  | 0.00002 | 64.35  |
| -48.79  | 0.00003 |         |         |        |
|         | 62.93   | -50.20  | 0.00003 | 50.20  |
| -62.93  | 0.00001 |         |         |        |
|         | 48.79   | -64.35  | 0.00001 | 47.38  |
| -65.76  | 0.00001 |         |         |        |
|         | 45.96   | -67.18  | 0.00001 | 44.55  |
| -68.59  | 0.00001 |         |         |        |
|         | 42.43   | -70.71  | 0.00001 | 38.89  |
| -74.25  | 0.00001 |         |         |        |
|         | 35.36   | -77.78  | 0.00001 | 28.28  |
| -84.85  | 0.00001 |         |         |        |
|         | 21.21   | -91.92  | 0.00000 | 14.14  |
| -98.99  | 0.00000 |         |         |        |
|         | 7.07    | -106.07 | 0.00000 | 0.00   |
| -113.14 | 0.00000 |         |         |        |
|         | -7.07   | -120.21 | 0.00000 | -14.14 |
| -127.28 | 0.00000 |         |         |        |
|         | 134.35  | 7.07    | 0.00001 | 127.28 |
| 0.00    | 0.00001 |         |         |        |
|         | 120.21  | -7.07   | 0.00001 | 113.14 |
| -14.14  | 0.00001 |         |         |        |
|         | 106.07  | -21.21  | 0.00001 | 98.99  |
| -28.28  | 0.00001 |         |         |        |



| 05_13NCRA_SR03-300_ACROLEIN_TRAV_ANN_SE-NW_BOUND_CORRECTED |         |        |         |       |
|--|---------|--------|---------|-------|
| -42.43   | 91.92   | -35.36 | 0.00002 | 84.85 |
|  | 0.00002 |        |         |       |
| -49.50   | 81.32   | -45.96 | 0.00002 | 77.78 |
|  | 0.00002 |        |         |       |
| -53.03   | 75.66   | -51.62 | 0.00002 | 74.25 |
|  | 0.00002 |        |         |       |
| -55.86   | 72.83   | -54.45 | 0.00002 | 71.42 |
|  | 0.00003 |        |         |       |
| -70.00   | 70.00   | -57.28 | 0.00003 | 57.28 |
|  | 0.00001 |        |         |       |
| -72.83   | 55.86   | -71.42 | 0.00001 | 54.45 |
|  | 0.00001 |        |         |       |
| -75.66   | 53.03   | -74.25 | 0.00001 | 51.62 |
|  | 0.00001 |        |         |       |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
06/13/08

\*\*\* Maximum train overlap at SE/NW Bound  
15:11:25

Direction  
\*\*MODELOPTs:

\*\*\*

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URBAN FLAT FLGPOL DFAULT

CONC

VALUES FOR SOURCE GROUP: ALL \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
\*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -81.32      | 49.50       | -77.78      | 0.00001 | 45.96       |
|             | 0.00001     |             |         |             |
| -91.92      | 42.43       | -84.85      | 0.00001 | 35.36       |
|             | 0.00001     |             |         |             |
| -106.07     | 28.28       | -98.99      | 0.00000 | 21.21       |
|             | 0.00000     |             |         |             |
| -120.21     | 14.14       | -113.14     | 0.00000 | 7.07        |
|             | 0.00000     |             |         |             |
| -134.35     | 0.00        | -127.28     | 0.00000 | -7.07       |
|             | 0.00000     |             |         |             |
| -7.07       | 141.42      | 0.00        | 0.00001 | 134.35      |
|             | 0.00001     |             |         |             |
| -21.21      | 127.28      | -14.14      | 0.00001 | 120.21      |
|             | 0.00001     |             |         |             |
| -35.36      | 113.14      | -28.28      | 0.00001 | 106.07      |
|             | 0.00001     |             |         |             |
| -49.50      | 98.99       | -42.43      | 0.00002 | 91.92       |
|             | 0.00002     |             |         |             |
| -56.57      | 88.39       | -53.03      | 0.00002 | 84.85       |
|             | 0.00002     |             |         |             |
| -60.10      | 82.73       | -58.69      | 0.00002 | 81.32       |
|             | 0.00002     |             |         |             |
| -62.93      | 79.90       | -61.52      | 0.00002 | 78.49       |
|             | 0.00003     |             |         |             |
|             | 77.07       | -64.35      | 0.00003 | 64.35       |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -77.07  | 0.00001 |         |         |        |
|         | 62.93   | -78.49  | 0.00001 | 61.52  |
| -79.90  | 0.00001 |         |         |        |
|         | 60.10   | -81.32  | 0.00001 | 58.69  |
| -82.73  | 0.00001 |         |         |        |
|         | 56.57   | -84.85  | 0.00001 | 53.03  |
| -88.39  | 0.00001 |         |         |        |
|         | 49.50   | -91.92  | 0.00001 | 42.43  |
| -98.99  | 0.00001 |         |         |        |
|         | 35.36   | -106.07 | 0.00000 | 28.28  |
| -113.14 | 0.00000 |         |         |        |
|         | 21.21   | -120.21 | 0.00000 | 14.14  |
| -127.28 | 0.00000 |         |         |        |
|         | 7.07    | -134.35 | 0.00000 | 0.00   |
| -141.42 | 0.00000 |         |         |        |
|         | 148.49  | -7.07   | 0.00001 | 141.42 |
| -14.14  | 0.00001 |         |         |        |
|         | 134.35  | -21.21  | 0.00001 | 127.28 |
| -28.28  | 0.00001 |         |         |        |
|         | 120.21  | -35.36  | 0.00001 | 113.14 |
| -42.43  | 0.00001 |         |         |        |
|         | 106.07  | -49.50  | 0.00002 | 98.99  |
| -56.57  | 0.00002 |         |         |        |
|         | 95.46   | -60.10  | 0.00002 | 91.92  |
| -63.64  | 0.00002 |         |         |        |
|         | 89.80   | -65.76  | 0.00002 | 88.39  |
| -67.18  | 0.00002 |         |         |        |
|         | 86.97   | -68.59  | 0.00002 | 85.56  |
| -70.00  | 0.00003 |         |         |        |
|         | 84.15   | -71.42  | 0.00003 | 71.42  |
| -84.15  | 0.00001 |         |         |        |
|         | 70.00   | -85.56  | 0.00001 | 68.59  |
| -86.97  | 0.00001 |         |         |        |
|         | 67.18   | -88.39  | 0.00001 | 65.76  |
| -89.80  | 0.00001 |         |         |        |
|         | 63.64   | -91.92  | 0.00001 | 60.10  |
| -95.46  | 0.00001 |         |         |        |
|         | 56.57   | -98.99  | 0.00001 | 49.50  |
| -106.07 | 0.00001 |         |         |        |
|         | 42.43   | -113.14 | 0.00000 | 35.36  |
| -120.21 | 0.00000 |         |         |        |
|         | 28.28   | -127.28 | 0.00000 | 21.21  |
| -134.35 | 0.00000 |         |         |        |
|         | 14.14   | -141.42 | 0.00000 | 7.07   |
| -148.49 | 0.00000 |         |         |        |
|         | 155.56  | -14.14  | 0.00001 | 148.49 |
| -21.21  | 0.00001 |         |         |        |
|         | 141.42  | -28.28  | 0.00001 | 134.35 |
| -35.36  | 0.00001 |         |         |        |
|         | 127.28  | -42.43  | 0.00001 | 120.21 |
| -49.50  | 0.00001 |         |         |        |
|         | 113.14  | -56.57  | 0.00001 | 106.07 |
| -63.64  | 0.00002 |         |         |        |
|         | 102.53  | -67.18  | 0.00002 | 98.99  |
| -70.71  | 0.00002 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 \*\*\* 15:11:25

Direction  
 \*\*MODELOPTS:

CONC

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 URBAN FLAT FLGPOL DFAULT

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

VALUES FOR SOURCE GROUP: ALL \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 , \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DI SCRETE CARTESIAN RECEPTOR POINTS

| **          |             | ** CONC OF OTHER |         | IN MICROGRAMS/M**3 |         |
|-------------|-------------|------------------|---------|--------------------|---------|
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)      | CONC    | X-COORD (M)        | CONC    |
| -74.25      | 96.87       | -72.83           | 0.00002 | 95.46              | 0.00002 |
| -77.07      | 94.05       | -75.66           | 0.00002 | 92.63              | 0.00002 |
| -91.22      | 91.22       | -78.49           | 0.00003 | 78.49              | 0.00003 |
| -94.05      | 77.07       | -92.63           | 0.00001 | 75.66              | 0.00001 |
| -96.87      | 74.25       | -95.46           | 0.00001 | 72.83              | 0.00001 |
| -102.53     | 70.71       | -98.99           | 0.00001 | 67.18              | 0.00001 |
| -113.14     | 63.64       | -106.07          | 0.00001 | 56.57              | 0.00001 |
| -127.28     | 49.50       | -120.21          | 0.00000 | 42.43              | 0.00000 |
| -141.42     | 35.36       | -134.35          | 0.00000 | 28.28              | 0.00000 |
| -155.56     | 21.21       | -148.49          | 0.00000 | 14.14              | 0.00000 |
| -28.28      | 162.63      | -21.21           | 0.00001 | 155.56             | 0.00001 |
| -42.43      | 148.49      | -35.36           | 0.00001 | 141.42             | 0.00001 |
| -56.57      | 134.35      | -49.50           | 0.00001 | 127.28             | 0.00001 |
| -70.71      | 120.21      | -63.64           | 0.00001 | 113.14             | 0.00001 |
| -77.78      | 109.60      | -74.25           | 0.00002 | 106.07             | 0.00002 |
| -81.32      | 103.94      | -79.90           | 0.00002 | 102.53             | 0.00002 |
| -84.15      | 101.12      | -82.73           | 0.00002 | 99.70              | 0.00002 |
| -98.29      | 98.29       | -85.56           | 0.00003 | 85.56              | 0.00003 |
| -101.12     | 84.15       | -99.70           | 0.00001 | 82.73              | 0.00001 |
| -103.94     | 81.32       | -102.53          | 0.00001 | 79.90              | 0.00001 |
| -109.60     | 77.78       | -106.07          | 0.00001 | 74.25              | 0.00001 |
| -120.21     | 70.71       | -113.14          | 0.00001 | 63.64              | 0.00001 |
| -134.35     | 56.57       | -127.28          | 0.00000 | 49.50              | 0.00000 |
|             | 42.43       | -141.42          | 0.00000 | 35.36              | 0.00000 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -148.49 | 0.00000 |         |         |        |
|         | 28.28   | -155.56 | 0.00000 | 21.21  |
| -162.63 | 0.00000 |         |         |        |
|         | 169.71  | -28.28  | 0.00001 | 162.63 |
| -35.36  | 0.00001 |         |         |        |
|         | 155.56  | -42.43  | 0.00001 | 148.49 |
| -49.50  | 0.00001 |         |         |        |
|         | 141.42  | -56.57  | 0.00001 | 134.35 |
| -63.64  | 0.00001 |         |         |        |
|         | 127.28  | -70.71  | 0.00001 | 120.21 |
| -77.78  | 0.00002 |         |         |        |
|         | 116.67  | -81.32  | 0.00002 | 113.14 |
| -84.85  | 0.00002 |         |         |        |
|         | 111.02  | -86.97  | 0.00002 | 109.60 |
| -88.39  | 0.00002 |         |         |        |
|         | 108.19  | -89.80  | 0.00002 | 106.77 |
| -91.22  | 0.00002 |         |         |        |
|         | 105.36  | -92.63  | 0.00003 | 92.63  |
| -105.36 | 0.00001 |         |         |        |
|         | 91.22   | -106.77 | 0.00001 | 89.80  |
| -108.19 | 0.00001 |         |         |        |
|         | 88.39   | -109.60 | 0.00001 | 86.97  |
| -111.02 | 0.00001 |         |         |        |
|         | 84.85   | -113.14 | 0.00001 | 81.32  |
| -116.67 | 0.00001 |         |         |        |
|         | 77.78   | -120.21 | 0.00001 | 70.71  |
| -127.28 | 0.00001 |         |         |        |
|         | 63.64   | -134.35 | 0.00000 | 56.57  |
| -141.42 | 0.00000 |         |         |        |
|         | 49.50   | -148.49 | 0.00000 | 42.43  |
| -155.56 | 0.00000 |         |         |        |
|         | 35.36   | -162.63 | 0.00000 | 28.28  |
| -169.71 | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -42.43      | 176.78      | -35.36      | 0.00001 | 169.71      |
|             | 0.00001     |             |         |             |
| -56.57      | 162.63      | -49.50      | 0.00001 | 155.56      |
|             | 0.00001     |             |         |             |
| -70.71      | 148.49      | -63.64      | 0.00001 | 141.42      |
|             | 0.00001     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -84.85  | 134.35  | -77.78  | 0.00001 | 127.28 |
|         | 0.00002 |         |         |        |
| -91.92  | 123.74  | -88.39  | 0.00002 | 120.21 |
|         | 0.00002 |         |         |        |
| -95.46  | 118.09  | -94.05  | 0.00002 | 116.67 |
|         | 0.00002 |         |         |        |
| -98.29  | 115.26  | -96.87  | 0.00002 | 113.84 |
|         | 0.00002 |         |         |        |
| -112.43 | 112.43  | -99.70  | 0.00002 | 99.70  |
|         | 0.00001 |         |         |        |
| -115.26 | 98.29   | -113.84 | 0.00001 | 96.87  |
|         | 0.00001 |         |         |        |
| -118.09 | 95.46   | -116.67 | 0.00001 | 94.05  |
|         | 0.00001 |         |         |        |
| -123.74 | 91.92   | -120.21 | 0.00001 | 88.39  |
|         | 0.00001 |         |         |        |
| -134.35 | 84.85   | -127.28 | 0.00001 | 77.78  |
|         | 0.00001 |         |         |        |
| -148.49 | 70.71   | -141.42 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -162.63 | 56.57   | -155.56 | 0.00000 | 49.50  |
|         | 0.00000 |         |         |        |
| -176.78 | 42.43   | -169.71 | 0.00000 | 35.36  |
|         | 0.00000 |         |         |        |
| -49.50  | 183.85  | -42.43  | 0.00000 | 176.78 |
|         | 0.00001 |         |         |        |
| -63.64  | 169.71  | -56.57  | 0.00001 | 162.63 |
|         | 0.00001 |         |         |        |
| -77.78  | 155.56  | -70.71  | 0.00001 | 148.49 |
|         | 0.00001 |         |         |        |
| -91.92  | 141.42  | -84.85  | 0.00001 | 134.35 |
|         | 0.00002 |         |         |        |
| -98.99  | 130.81  | -95.46  | 0.00002 | 127.28 |
|         | 0.00002 |         |         |        |
| -102.53 | 125.16  | -101.12 | 0.00002 | 123.74 |
|         | 0.00002 |         |         |        |
| -105.36 | 122.33  | -103.94 | 0.00002 | 120.92 |
|         | 0.00002 |         |         |        |
| -119.50 | 119.50  | -106.77 | 0.00002 | 106.77 |
|         | 0.00001 |         |         |        |
| -122.33 | 105.36  | -120.92 | 0.00001 | 103.94 |
|         | 0.00001 |         |         |        |
| -125.16 | 102.53  | -123.74 | 0.00001 | 101.12 |
|         | 0.00001 |         |         |        |
| -130.81 | 98.99   | -127.28 | 0.00001 | 95.46  |
|         | 0.00001 |         |         |        |
| -141.42 | 91.92   | -134.35 | 0.00001 | 84.85  |
|         | 0.00001 |         |         |        |
| -155.56 | 77.78   | -148.49 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -169.71 | 63.64   | -162.63 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -183.85 | 49.50   | -176.78 | 0.00000 | 42.43  |
|         | 0.00000 |         |         |        |
| -56.57  | 190.92  | -49.50  | 0.00000 | 183.85 |
|         | 0.00001 |         |         |        |
| -70.71  | 176.78  | -63.64  | 0.00001 | 169.71 |
|         | 0.00001 |         |         |        |
| -84.85  | 162.63  | -77.78  | 0.00001 | 155.56 |
|         | 0.00001 |         |         |        |
| -98.99  | 148.49  | -91.92  | 0.00001 | 141.42 |
|         | 0.00001 |         |         |        |
|         | 137.89  | -102.53 | 0.00002 | 134.35 |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -106.07 | 0.00002 |         |         |        |
|         | 132.23  | -108.19 | 0.00002 | 130.81 |
| -109.60 | 0.00002 |         |         |        |
|         | 129.40  | -111.02 | 0.00002 | 127.99 |
| -112.43 | 0.00002 |         |         |        |
|         | 126.57  | -113.84 | 0.00002 | 113.84 |
| -126.57 | 0.00001 |         |         |        |
|         | 112.43  | -127.99 | 0.00001 | 111.02 |
| -129.40 | 0.00001 |         |         |        |
|         | 109.60  | -130.81 | 0.00001 | 108.19 |
| -132.23 | 0.00001 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTS:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -137.89     | 106.07      | -134.35     | 0.00001 | 102.53      |
|             | 0.00001     |             |         |             |
| -148.49     | 98.99       | -141.42     | 0.00001 | 91.92       |
|             | 0.00001     |             |         |             |
| -162.63     | 84.85       | -155.56     | 0.00000 | 77.78       |
|             | 0.00000     |             |         |             |
| -176.78     | 70.71       | -169.71     | 0.00000 | 63.64       |
|             | 0.00000     |             |         |             |
| -190.92     | 56.57       | -183.85     | 0.00000 | 49.50       |
|             | 0.00000     |             |         |             |
| -63.64      | 197.99      | -56.57      | 0.00000 | 190.92      |
|             | 0.00000     |             |         |             |
| -77.78      | 183.85      | -70.71      | 0.00001 | 176.78      |
|             | 0.00001     |             |         |             |
| -91.92      | 169.71      | -84.85      | 0.00001 | 162.63      |
|             | 0.00001     |             |         |             |
| -106.07     | 155.56      | -98.99      | 0.00001 | 148.49      |
|             | 0.00001     |             |         |             |
| -113.14     | 144.96      | -109.60     | 0.00002 | 141.42      |
|             | 0.00002     |             |         |             |
| -116.67     | 139.30      | -115.26     | 0.00002 | 137.89      |
|             | 0.00002     |             |         |             |
| -119.50     | 136.47      | -118.09     | 0.00002 | 135.06      |
|             | 0.00002     |             |         |             |
| -133.64     | 133.64      | -120.92     | 0.00002 | 120.92      |
|             | 0.00001     |             |         |             |
| -136.47     | 119.50      | -135.06     | 0.00001 | 118.09      |
|             | 0.00001     |             |         |             |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -139.30 | 116.67  | -137.89 | 0.00001 | 115.26 |
|         | 0.00001 |         |         |        |
| -144.96 | 113.14  | -141.42 | 0.00001 | 109.60 |
|         | 0.00001 |         |         |        |
| -155.56 | 106.07  | -148.49 | 0.00001 | 98.99  |
|         | 0.00000 |         |         |        |
| -169.71 | 91.92   | -162.63 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |
| -183.85 | 77.78   | -176.78 | 0.00000 | 70.71  |
|         | 0.00000 |         |         |        |
| -197.99 | 63.64   | -190.92 | 0.00000 | 56.57  |
|         | 0.00000 |         |         |        |
| -70.71  | 205.06  | -63.64  | 0.00000 | 197.99 |
|         | 0.00000 |         |         |        |
| -84.85  | 190.92  | -77.78  | 0.00001 | 183.85 |
|         | 0.00001 |         |         |        |
| -98.99  | 176.78  | -91.92  | 0.00001 | 169.71 |
|         | 0.00001 |         |         |        |
| -113.14 | 162.63  | -106.07 | 0.00001 | 155.56 |
|         | 0.00001 |         |         |        |
| -120.21 | 152.03  | -116.67 | 0.00001 | 148.49 |
|         | 0.00002 |         |         |        |
| -123.74 | 146.37  | -122.33 | 0.00002 | 144.96 |
|         | 0.00002 |         |         |        |
| -126.57 | 143.54  | -125.16 | 0.00002 | 142.13 |
|         | 0.00002 |         |         |        |
| -140.71 | 140.71  | -127.99 | 0.00002 | 127.99 |
|         | 0.00001 |         |         |        |
| -143.54 | 126.57  | -142.13 | 0.00001 | 125.16 |
|         | 0.00001 |         |         |        |
| -146.37 | 123.74  | -144.96 | 0.00001 | 122.33 |
|         | 0.00001 |         |         |        |
| -152.03 | 120.21  | -148.49 | 0.00001 | 116.67 |
|         | 0.00001 |         |         |        |
| -162.63 | 113.14  | -155.56 | 0.00001 | 106.07 |
|         | 0.00000 |         |         |        |
| -176.78 | 98.99   | -169.71 | 0.00000 | 91.92  |
|         | 0.00000 |         |         |        |
| -190.92 | 84.85   | -183.85 | 0.00000 | 77.78  |
|         | 0.00000 |         |         |        |
| -205.06 | 70.71   | -197.99 | 0.00000 | 63.64  |
|         | 0.00000 |         |         |        |
| -77.78  | 212.13  | -70.71  | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -91.92  | 197.99  | -84.85  | 0.00000 | 190.92 |
|         | 0.00001 |         |         |        |
| -106.07 | 183.85  | -98.99  | 0.00001 | 176.78 |
|         | 0.00001 |         |         |        |
| -120.21 | 169.71  | -113.14 | 0.00001 | 162.63 |
|         | 0.00001 |         |         |        |
| -127.28 | 159.10  | -123.74 | 0.00001 | 155.56 |
|         | 0.00001 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

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 URBAN FLAT FLGPOL DFAULT

CONC

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

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED  
 INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

|             |             | ** CONC OF OTHER IN MICROGRAMS/M**3 |         |             |
|-------------|-------------|-------------------------------------|---------|-------------|
|             |             | **                                  |         |             |
| Y-COORD (M) | X-COORD (M) | Y-COORD (M)                         | CONC    | X-COORD (M) |
| -130.81     | 153.44      | -129.40                             | 0.00002 | 152.03      |
|             | 0.00002     |                                     |         |             |
| -133.64     | 150.61      | -132.23                             | 0.00002 | 149.20      |
|             | 0.00002     |                                     |         |             |
| -147.79     | 147.79      | -135.06                             | 0.00002 | 135.06      |
|             | 0.00001     |                                     |         |             |
| -150.61     | 133.64      | -149.20                             | 0.00001 | 132.23      |
|             | 0.00001     |                                     |         |             |
| -153.44     | 130.81      | -152.03                             | 0.00001 | 129.40      |
|             | 0.00001     |                                     |         |             |
| -159.10     | 127.28      | -155.56                             | 0.00001 | 123.74      |
|             | 0.00001     |                                     |         |             |
| -169.71     | 120.21      | -162.63                             | 0.00001 | 113.14      |
|             | 0.00000     |                                     |         |             |
| -183.85     | 106.07      | -176.78                             | 0.00000 | 98.99       |
|             | 0.00000     |                                     |         |             |
| -197.99     | 91.92       | -190.92                             | 0.00000 | 84.85       |
|             | 0.00000     |                                     |         |             |
| -212.13     | 77.78       | -205.06                             | 0.00000 | 70.71       |
|             | 0.00000     |                                     |         |             |
| -84.85      | 219.20      | -77.78                              | 0.00000 | 212.13      |
|             | 0.00000     |                                     |         |             |
| -98.99      | 205.06      | -91.92                              | 0.00000 | 197.99      |
|             | 0.00001     |                                     |         |             |
| -113.14     | 190.92      | -106.07                             | 0.00001 | 183.85      |
|             | 0.00001     |                                     |         |             |
| -127.28     | 176.78      | -120.21                             | 0.00001 | 169.71      |
|             | 0.00001     |                                     |         |             |
| -134.35     | 166.17      | -130.81                             | 0.00001 | 162.63      |
|             | 0.00001     |                                     |         |             |
| -137.89     | 160.51      | -136.47                             | 0.00001 | 159.10      |
|             | 0.00001     |                                     |         |             |
| -140.71     | 157.68      | -139.30                             | 0.00001 | 156.27      |
|             | 0.00002     |                                     |         |             |
| -154.86     | 154.86      | -142.13                             | 0.00002 | 142.13      |
|             | 0.00001     |                                     |         |             |
| -157.68     | 140.71      | -156.27                             | 0.00001 | 139.30      |
|             | 0.00001     |                                     |         |             |
| -160.51     | 137.89      | -159.10                             | 0.00001 | 136.47      |
|             | 0.00001     |                                     |         |             |
| -166.17     | 134.35      | -162.63                             | 0.00001 | 130.81      |
|             | 0.00001     |                                     |         |             |
| -176.78     | 127.28      | -169.71                             | 0.00001 | 120.21      |
|             | 0.00000     |                                     |         |             |
| -190.92     | 113.14      | -183.85                             | 0.00000 | 106.07      |
|             | 0.00000     |                                     |         |             |
| -205.06     | 98.99       | -197.99                             | 0.00000 | 91.92       |
|             | 0.00000     |                                     |         |             |
| -219.20     | 84.85       | -212.13                             | 0.00000 | 77.78       |
|             | 0.00000     |                                     |         |             |



05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -91.92  | 226.27  | -84.85  | 0.00000 | 219.20 |
|         | 0.00000 |         |         |        |
| -106.07 | 212.13  | -98.99  | 0.00000 | 205.06 |
|         | 0.00000 |         |         |        |
| -120.21 | 197.99  | -113.14 | 0.00001 | 190.92 |
|         | 0.00001 |         |         |        |
| -134.35 | 183.85  | -127.28 | 0.00001 | 176.78 |
|         | 0.00001 |         |         |        |
| -141.42 | 173.24  | -137.89 | 0.00001 | 169.71 |
|         | 0.00001 |         |         |        |
| -144.96 | 167.58  | -143.54 | 0.00001 | 166.17 |
|         | 0.00001 |         |         |        |
| -147.79 | 164.76  | -146.37 | 0.00001 | 163.34 |
|         | 0.00001 |         |         |        |
| -161.93 | 161.93  | -149.20 | 0.00001 | 149.20 |
|         | 0.00001 |         |         |        |
| -164.76 | 147.79  | -163.34 | 0.00001 | 146.37 |
|         | 0.00001 |         |         |        |
| -167.58 | 144.96  | -166.17 | 0.00001 | 143.54 |
|         | 0.00001 |         |         |        |
| -173.24 | 141.42  | -169.71 | 0.00001 | 137.89 |
|         | 0.00001 |         |         |        |
| -183.85 | 134.35  | -176.78 | 0.00001 | 127.28 |
|         | 0.00000 |         |         |        |
| -197.99 | 120.21  | -190.92 | 0.00000 | 113.14 |
|         | 0.00000 |         |         |        |
| -212.13 | 106.07  | -205.06 | 0.00000 | 98.99  |
|         | 0.00000 |         |         |        |
| -226.27 | 91.92   | -219.20 | 0.00000 | 84.85  |
|         | 0.00000 |         |         |        |

1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

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 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,  
 \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -98.99      | 233.35      | -91.92      | 0.00000 | 226.27      |
|             | 0.00000     |             |         |             |
| -113.14     | 219.20      | -106.07     | 0.00000 | 212.13      |
|             | 0.00000     |             |         |             |
| -127.28     | 205.06      | -120.21     | 0.00000 | 197.99      |
|             | 0.00001     |             |         |             |
| -141.42     | 190.92      | -134.35     | 0.00001 | 183.85      |
|             | 0.00001     |             |         |             |
|             | 180.31      | -144.96     | 0.00001 | 176.78      |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -148.49 | 0.00001 |         |         |        |
|         | 174.66  | -150.61 | 0.00001 | 173.24 |
| -152.03 | 0.00001 |         |         |        |
|         | 171.83  | -153.44 | 0.00001 | 170.41 |
| -154.86 | 0.00001 |         |         |        |
|         | 169.00  | -156.27 | 0.00001 | 156.27 |
| -169.00 | 0.00001 |         |         |        |
|         | 154.86  | -170.41 | 0.00001 | 153.44 |
| -171.83 | 0.00001 |         |         |        |
|         | 152.03  | -173.24 | 0.00001 | 150.61 |
| -174.66 | 0.00001 |         |         |        |
|         | 148.49  | -176.78 | 0.00001 | 144.96 |
| -180.31 | 0.00001 |         |         |        |
|         | 141.42  | -183.85 | 0.00001 | 134.35 |
| -190.92 | 0.00000 |         |         |        |
|         | 127.28  | -197.99 | 0.00000 | 120.21 |
| -205.06 | 0.00000 |         |         |        |
|         | 113.14  | -212.13 | 0.00000 | 106.07 |
| -219.20 | 0.00000 |         |         |        |
|         | 98.99   | -226.27 | 0.00000 | 91.92  |
| -233.35 | 0.00000 |         |         |        |
|         | 240.42  | -98.99  | 0.00000 | 233.35 |
| -106.07 | 0.00000 |         |         |        |
|         | 226.27  | -113.14 | 0.00000 | 219.20 |
| -120.21 | 0.00000 |         |         |        |
|         | 212.13  | -127.28 | 0.00000 | 205.06 |
| -134.35 | 0.00000 |         |         |        |
|         | 197.99  | -141.42 | 0.00001 | 190.92 |
| -148.49 | 0.00001 |         |         |        |
|         | 187.38  | -152.03 | 0.00001 | 183.85 |
| -155.56 | 0.00001 |         |         |        |
|         | 181.73  | -157.68 | 0.00001 | 180.31 |
| -159.10 | 0.00001 |         |         |        |
|         | 178.90  | -160.51 | 0.00001 | 177.48 |
| -161.93 | 0.00001 |         |         |        |
|         | 176.07  | -163.34 | 0.00001 | 163.34 |
| -176.07 | 0.00001 |         |         |        |
|         | 161.93  | -177.48 | 0.00001 | 160.51 |
| -178.90 | 0.00001 |         |         |        |
|         | 159.10  | -180.31 | 0.00001 | 157.68 |
| -181.73 | 0.00001 |         |         |        |
|         | 155.56  | -183.85 | 0.00001 | 152.03 |
| -187.38 | 0.00001 |         |         |        |
|         | 148.49  | -190.92 | 0.00001 | 141.42 |
| -197.99 | 0.00000 |         |         |        |
|         | 134.35  | -205.06 | 0.00000 | 127.28 |
| -212.13 | 0.00000 |         |         |        |
|         | 120.21  | -219.20 | 0.00000 | 113.14 |
| -226.27 | 0.00000 |         |         |        |
|         | 106.07  | -233.35 | 0.00000 | 98.99  |
| -240.42 | 0.00000 |         |         |        |
|         | 247.49  | -106.07 | 0.00000 | 240.42 |
| -113.14 | 0.00000 |         |         |        |
|         | 233.35  | -120.21 | 0.00000 | 226.27 |
| -127.28 | 0.00000 |         |         |        |
|         | 219.20  | -134.35 | 0.00000 | 212.13 |
| -141.42 | 0.00000 |         |         |        |
|         | 205.06  | -148.49 | 0.00000 | 197.99 |
| -155.56 | 0.00001 |         |         |        |
|         | 194.45  | -159.10 | 0.00001 | 190.92 |
| -162.63 | 0.00001 |         |         |        |
|         | 188.80  | -164.76 | 0.00001 | 187.38 |
| -166.17 | 0.00001 |         |         |        |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |         |         |         |        |
|---------|---------|---------|---------|--------|
| -169.00 | 185.97  | -167.58 | 0.00001 | 184.55 |
|         | 0.00001 |         |         |        |
| -183.14 | 183.14  | -170.41 | 0.00001 | 170.41 |
|         | 0.00001 |         |         |        |
| -185.97 | 169.00  | -184.55 | 0.00001 | 167.58 |
|         | 0.00001 |         |         |        |
| -188.80 | 166.17  | -187.38 | 0.00001 | 164.76 |
|         | 0.00001 |         |         |        |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

CONC PAGE 142  
 URBAN FLAT FLGPOL DFAULT

VALUES FOR SOURCE GROUP: ALL \*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION  
 \*\*\* INCLUDING SOURCE(S): NCRA\_S1 , NCRA\_S2 ,  
 NCRA\_S3 , NCRA\_S4 , NCRA\_S5 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS

\*\*\*

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

\*\*

| Y-COORD (M) | X-COORD (M) | Y-COORD (M) | CONC    | X-COORD (M) |
|-------------|-------------|-------------|---------|-------------|
| -194.45     | 162.63      | -190.92     | 0.00001 | 159.10      |
|             | 0.00001     |             |         |             |
| -205.06     | 155.56      | -197.99     | 0.00000 | 148.49      |
|             | 0.00000     |             |         |             |
| -219.20     | 141.42      | -212.13     | 0.00000 | 134.35      |
|             | 0.00000     |             |         |             |
| -233.35     | 127.28      | -226.27     | 0.00000 | 120.21      |
|             | 0.00000     |             |         |             |
| -247.49     | 113.14      | -240.42     | 0.00000 | 106.07      |
|             | 0.00000     |             |         |             |

1 \*\*\* I SCST3 - VERSION 02035 \*\*\* \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

\*\*\*

CONC PAGE 143  
 URBAN FLAT FLGPOL DFAULT

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

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

\*\*

| GROUP ID<br>ZFLAG) | NETWORK<br>OF TYPE | GRID-ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, |
|--------------------|--------------------|---------|--------------|--------------------------|
|--------------------|--------------------|---------|--------------|--------------------------|

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|         |                       |              |         |          |
|---------|-----------------------|--------------|---------|----------|
| NCRA_S1 | 1ST HIGHEST VALUE IS  | 0.00002 AT ( | 126.57, | -113.84, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 2ND HIGHEST VALUE IS  | 0.00002 AT ( | 119.50, | -106.77, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 3RD HIGHEST VALUE IS  | 0.00002 AT ( | 133.64, | -120.92, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 4TH HIGHEST VALUE IS  | 0.00002 AT ( | 112.43, | -99.70,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 5TH HIGHEST VALUE IS  | 0.00002 AT ( | 127.99, | -112.43, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 6TH HIGHEST VALUE IS  | 0.00002 AT ( | 140.71, | -127.99, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 7TH HIGHEST VALUE IS  | 0.00002 AT ( | 120.92, | -105.36, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 8TH HIGHEST VALUE IS  | 0.00002 AT ( | 135.06, | -119.50, |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 9TH HIGHEST VALUE IS  | 0.00002 AT ( | 113.84, | -98.29,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 10TH HIGHEST VALUE IS | 0.00002 AT ( | 129.40, | -111.02, |
| 0.00,   | 1.20) DC NA           |              |         |          |
| NCRA_S2 | 1ST HIGHEST VALUE IS  | 0.00002 AT ( | 62.93,  | -50.20,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 2ND HIGHEST VALUE IS  | 0.00002 AT ( | 55.86,  | -43.13,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 3RD HIGHEST VALUE IS  | 0.00002 AT ( | 70.00,  | -57.28,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 4TH HIGHEST VALUE IS  | 0.00002 AT ( | 48.79,  | -36.06,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 5TH HIGHEST VALUE IS  | 0.00002 AT ( | 64.35,  | -48.79,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 6TH HIGHEST VALUE IS  | 0.00002 AT ( | 77.07,  | -64.35,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 7TH HIGHEST VALUE IS  | 0.00002 AT ( | 57.28,  | -41.72,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 8TH HIGHEST VALUE IS  | 0.00002 AT ( | 71.42,  | -55.86,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 9TH HIGHEST VALUE IS  | 0.00002 AT ( | 50.20,  | -34.65,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 10TH HIGHEST VALUE IS | 0.00002 AT ( | 65.76,  | -47.38,  |
| 0.00,   | 1.20) DC NA           |              |         |          |
| NCRA_S3 | 1ST HIGHEST VALUE IS  | 0.00002 AT ( | -0.71,  | 13.44,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 2ND HIGHEST VALUE IS  | 0.00002 AT ( | -7.78,  | 20.51,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 3RD HIGHEST VALUE IS  | 0.00002 AT ( | 6.36,   | 6.36,    |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 4TH HIGHEST VALUE IS  | 0.00002 AT ( | -14.85, | 27.58,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 5TH HIGHEST VALUE IS  | 0.00002 AT ( | 0.71,   | 14.85,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 6TH HIGHEST VALUE IS  | 0.00002 AT ( | 13.44,  | -0.71,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 7TH HIGHEST VALUE IS  | 0.00002 AT ( | -6.36,  | 21.92,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 8TH HIGHEST VALUE IS  | 0.00002 AT ( | 7.78,   | 7.78,    |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 9TH HIGHEST VALUE IS  | 0.00002 AT ( | -13.44, | 28.99,   |
| 0.00,   | 1.20) DC NA           |              |         |          |
|         | 10TH HIGHEST VALUE IS | 0.00002 AT ( | 2.12,   | 16.26,   |
|         |                       |              |         |          |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED  
 0.00, 1.20) DC NA  
 1 \*\*\* ISCST3 - VERSION 02035 \*\*\*  
 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 15:11:25

Direction  
 \*\*MODELOPTs:

CONC PAGE 144  
 URBAN FLAT FLGPOL DFAULT

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

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

| GROUP ID<br>ZFLAG) | NETWORK<br>OF TYPE GRID-ID | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, |
|--------------------|----------------------------|--------------|--------------------------|
| NCRA_S4            | 1ST HIGHEST VALUE IS       | 0.00002 AT ( | -64.35, 77.07,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 2ND HIGHEST VALUE IS       | 0.00002 AT ( | -71.42, 84.15,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 3RD HIGHEST VALUE IS       | 0.00002 AT ( | -57.28, 70.00,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 4TH HIGHEST VALUE IS       | 0.00002 AT ( | -78.49, 91.22,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 5TH HIGHEST VALUE IS       | 0.00002 AT ( | -62.93, 78.49,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 6TH HIGHEST VALUE IS       | 0.00002 AT ( | -50.20, 62.93,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 7TH HIGHEST VALUE IS       | 0.00002 AT ( | -70.00, 85.56,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 8TH HIGHEST VALUE IS       | 0.00002 AT ( | -55.86, 71.42,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 9TH HIGHEST VALUE IS       | 0.00002 AT ( | -77.07, 92.63,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 10TH HIGHEST VALUE IS      | 0.00002 AT ( | -61.52, 79.90,           |
| 0.00,              | 1.20) DC NA                |              |                          |
| NCRA_S5            | 1ST HIGHEST VALUE IS       | 0.00002 AT ( | -127.99, 140.71,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 2ND HIGHEST VALUE IS       | 0.00002 AT ( | -135.06, 147.79,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 3RD HIGHEST VALUE IS       | 0.00002 AT ( | -120.92, 133.64,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 4TH HIGHEST VALUE IS       | 0.00002 AT ( | -142.13, 154.86,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 5TH HIGHEST VALUE IS       | 0.00002 AT ( | -126.57, 142.13,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 6TH HIGHEST VALUE IS       | 0.00002 AT ( | -113.84, 126.57,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 7TH HIGHEST VALUE IS       | 0.00002 AT ( | -133.64, 149.20,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 8TH HIGHEST VALUE IS       | 0.00002 AT ( | -119.50, 135.06,         |
| 0.00,              | 1.20) DC NA                |              |                          |
| 0.00,              | 9TH HIGHEST VALUE IS       | 0.00002 AT ( | -140.71, 156.27,         |
| 0.00,              | 1.20) DC NA                |              |                          |

05\_13NCRA\_SR03-300\_ACROLEIN\_TRAV\_ANN\_SE-NW\_BOUND\_CORRECTED

|       |                       |              |          |         |
|-------|-----------------------|--------------|----------|---------|
| 0.00, | 10TH HIGHEST VALUE IS | 0.00002 AT ( | -125.16, | 143.54, |
|       | 1.20) DC NA           |              |          |         |
| ALL   | 1ST HIGHEST VALUE IS  | 0.00003 AT ( | -14.85,  | 27.58,  |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 2ND HIGHEST VALUE IS  | 0.00003 AT ( | -7.78,   | 20.51,  |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 3RD HIGHEST VALUE IS  | 0.00003 AT ( | -21.92,  | 34.65,  |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 4TH HIGHEST VALUE IS  | 0.00003 AT ( | -0.71,   | 13.44,  |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 5TH HIGHEST VALUE IS  | 0.00003 AT ( | 41.72,   | -28.99, |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 6TH HIGHEST VALUE IS  | 0.00003 AT ( | 6.36,    | 6.36,   |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 7TH HIGHEST VALUE IS  | 0.00003 AT ( | 34.65,   | -21.92, |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 8TH HIGHEST VALUE IS  | 0.00003 AT ( | 13.44,   | -0.71,  |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 9TH HIGHEST VALUE IS  | 0.00003 AT ( | 20.51,   | -7.78,  |
| 0.00, | 1.20) DC NA           |              |          |         |
|       | 10TH HIGHEST VALUE IS | 0.00003 AT ( | 27.58,   | -14.85, |
| 0.00, | 1.20) DC NA           |              |          |         |

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

1 \*\*\* ISCST3 - VERSION 02035 \*\*\* NCRA Cumulative Annual Acrolein Impacts  
 \*\*\* 06/13/08  
 \*\*\* Maximum train overlap at SE/NW Bound  
 Direction \*\*\* 15:11:25

\*\*MODELOPTs:

PAGE 145  
 CONC URBAN FLAT FLGPOL DFAULT

\*\*\* Message Summary : ISCST3 Model Execution \*\*\*

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)  
 A Total of 0 Warning Message(s)  
 A Total of 13 Informational Message(s)  
 A Total of 13 Calm Hours Identified

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

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

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