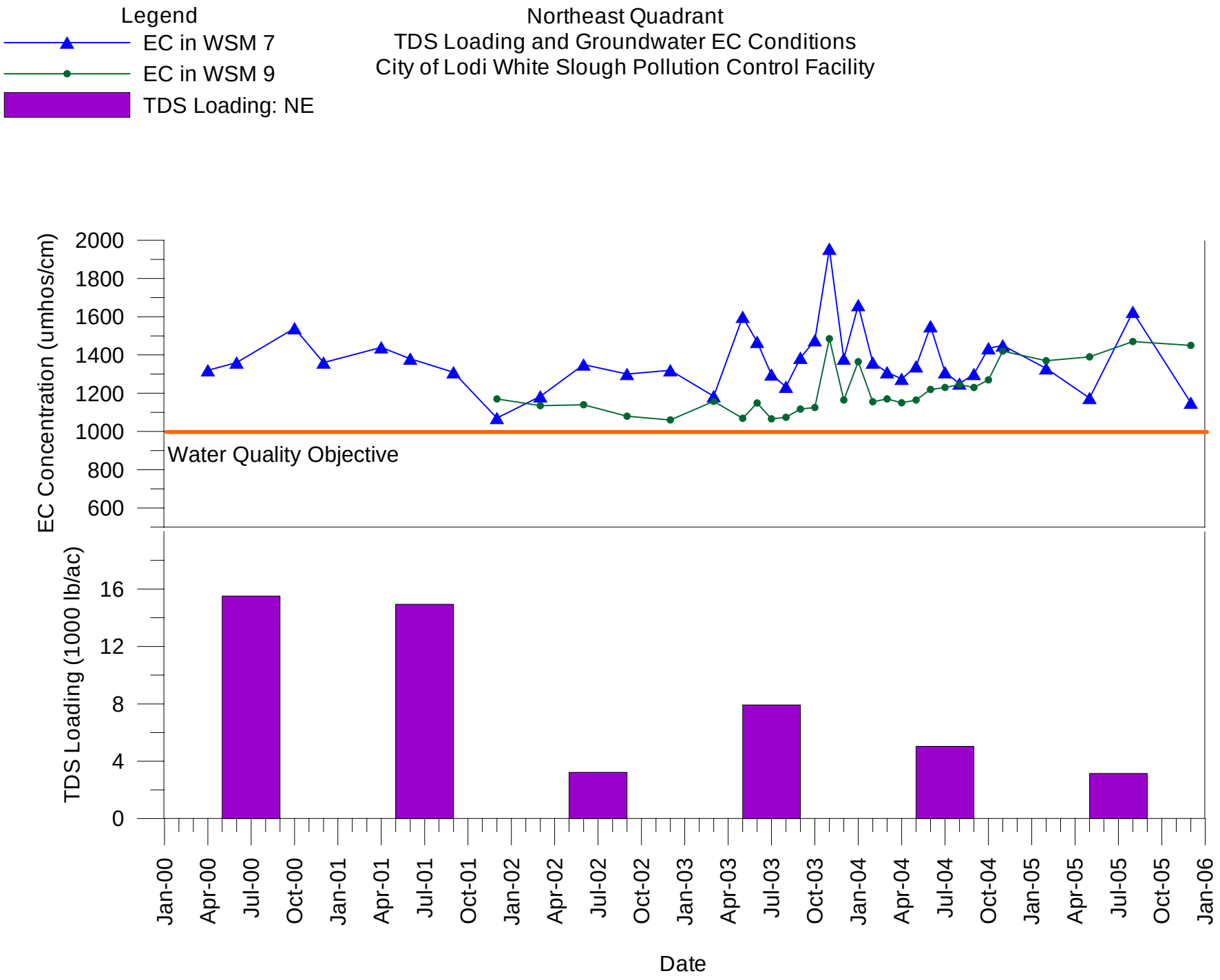
APPENDIX H

Historic WPCF Total Dissolved Solids Field Loadings


Legend
EC in WSM 7
EC in WSM 9
TDS Loading: NE
Northeast Quadrant
TDS Loading and Groundwater EC Conditions
City of Lodi White Slough Pollution Control Facility
EC Concentration (umhos/cm)
2000
1800
1600
1400
1200
1000
800
600
Water Quality Objective
TDS Loading (1000 lb/ac)
16
12
8
4
0
Jan-00
Apr-00
Jul-00
Oct-00
Jan-01
Apr-01
Jul-01
Oct-01
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
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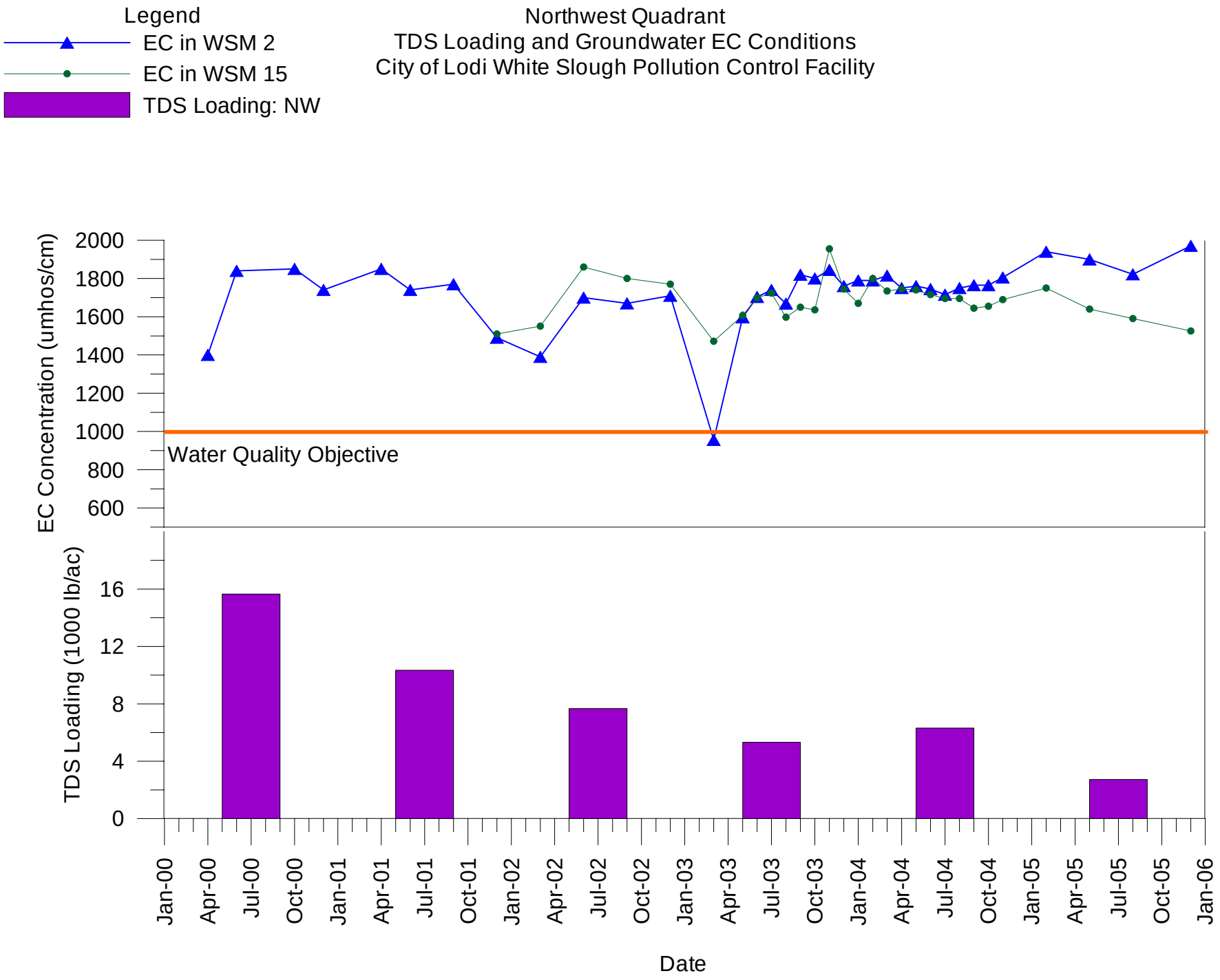
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Date


Legend
EC in WSM 2
EC in WSM 15
TDS Loading: NW
Northwest Quadrant
TDS Loading and Groundwater EC Conditions
City of Lodi White Slough Pollution Control Facility
EC Concentration (umhos/cm)
2000
1800
1600
1400
1200
1000
800
600
Water Quality Objective
TDS Loading (1000 lb/ac)
16
12
8
4
0
Jan-00
Apr-00
Jul-00
Oct-00
Jan-01
Apr-01
Jul-01
Oct-01
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
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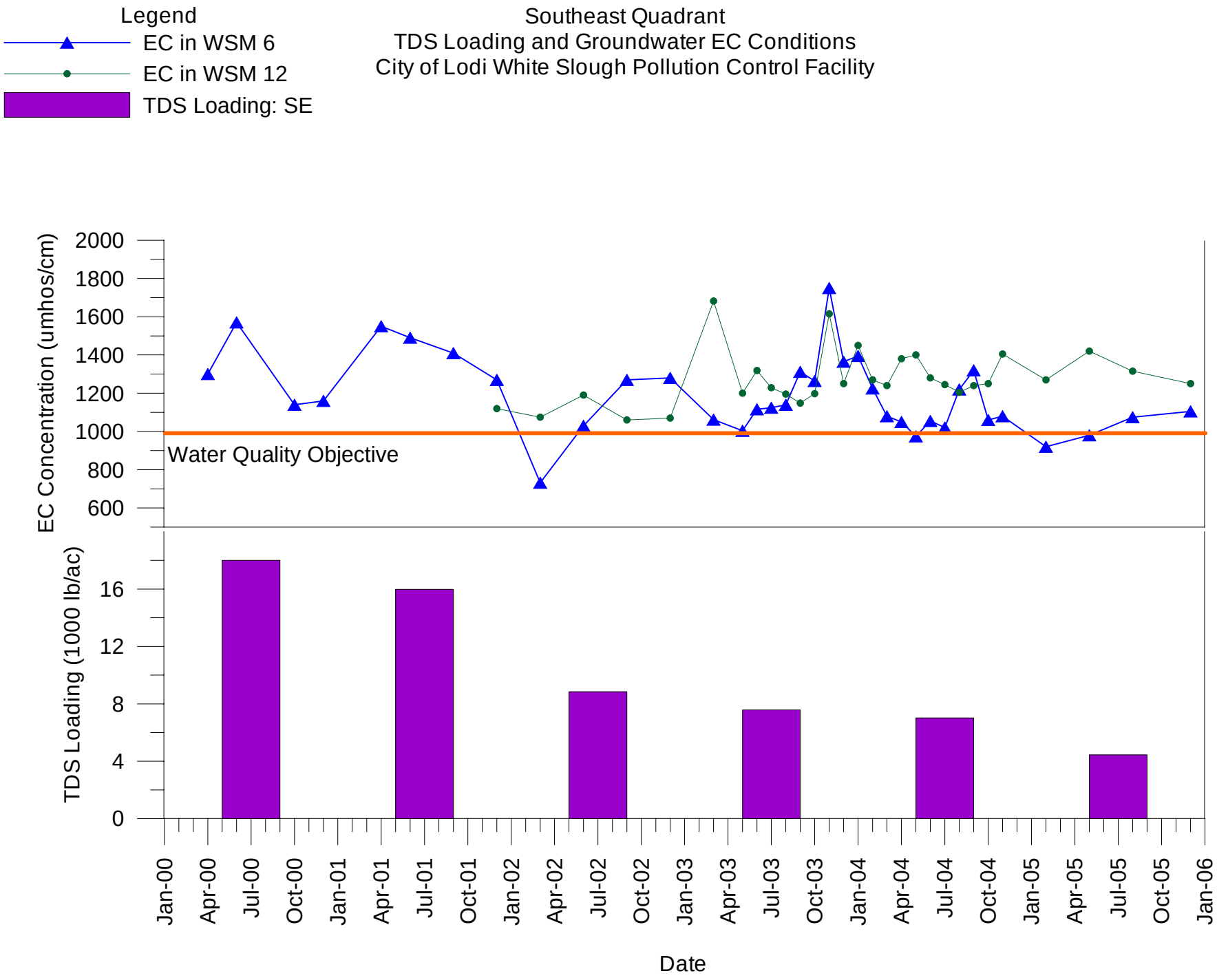
Jul-05
Oct-05
Jan-06
Date


Legend
EC in WSM 6
EC in WSM 12
TDS Loading: SE
Southeast Quadrant
TDS Loading and Groundwater EC Conditions
City of Lodi White Slough Pollution Control Facility
EC Concentration (umhos/cm)
2000
1800
1600
1400
1200
1000
800
600
Water Quality Objective
TDS Loading (1000 lb/ac)
16
12
8
4
0
Jan-00
Apr-00
Jul-00
Oct-00
Jan-01
Apr-01
Jul-01
Oct-01
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
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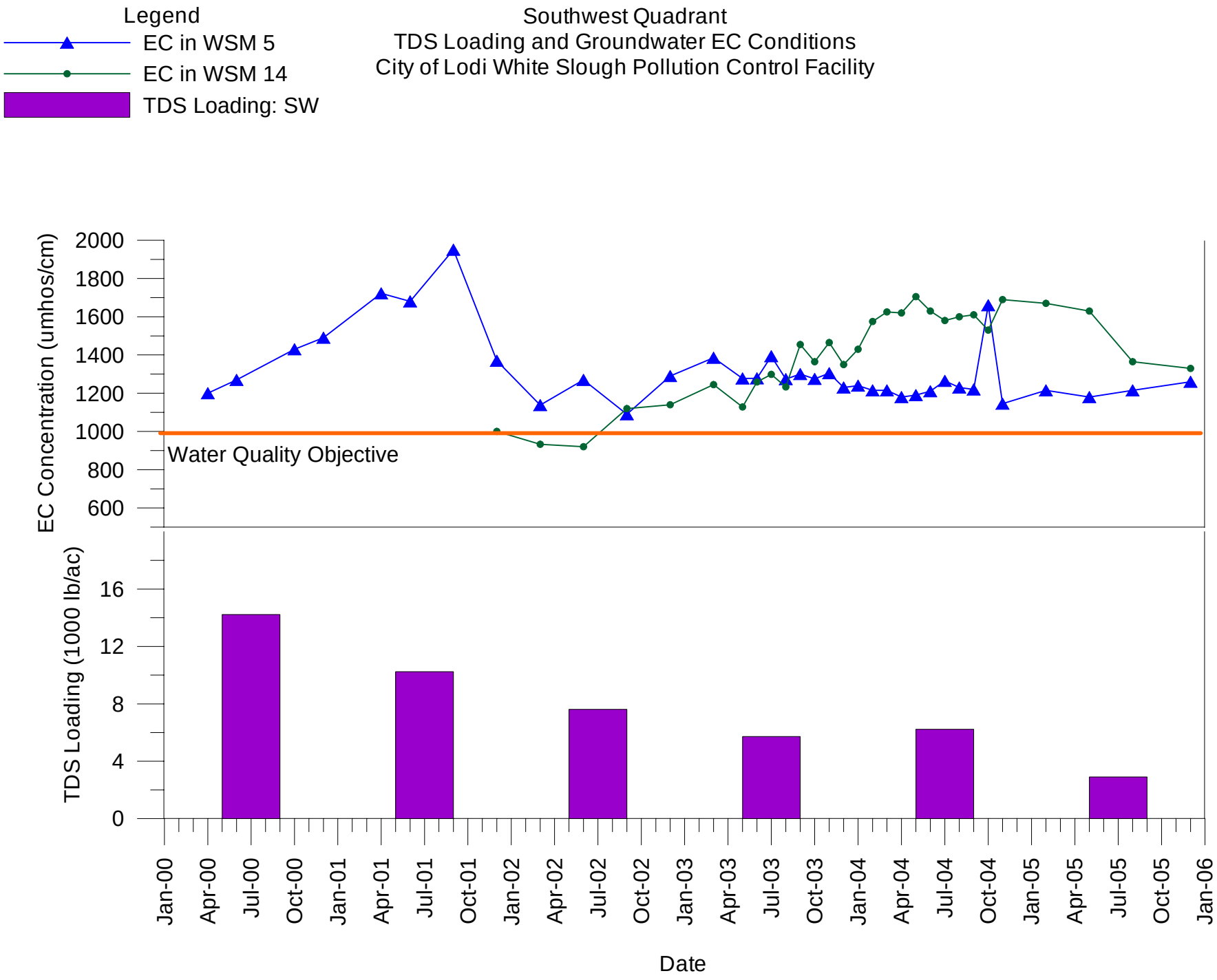
Jul-05
Oct-05
Jan-06
Date


Legend
EC in WSM 5
EC in WSM 14
TDS Loading: SW
Southwest Quadrant
TDS Loading and Groundwater EC Conditions
City of Lodi White Slough Pollution Control Facility
EC Concentration (umhos/cm)
2000
1800
1600
1400
1200
1000
800
600
Water Quality Objective
TDS Loading (1000 lb/ac)
16
12
8
4
0
Jan-00
Apr-00
Jul-00
Oct-00
Jan-01
Apr-01
Jul-01
Oct-01
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
Jul-03
Oct-03
Jan-04
Apr-04
Jul-04
Oct-04
Jan-05
Apr-05
Jul-05
Oct-05
Jan-06
Date

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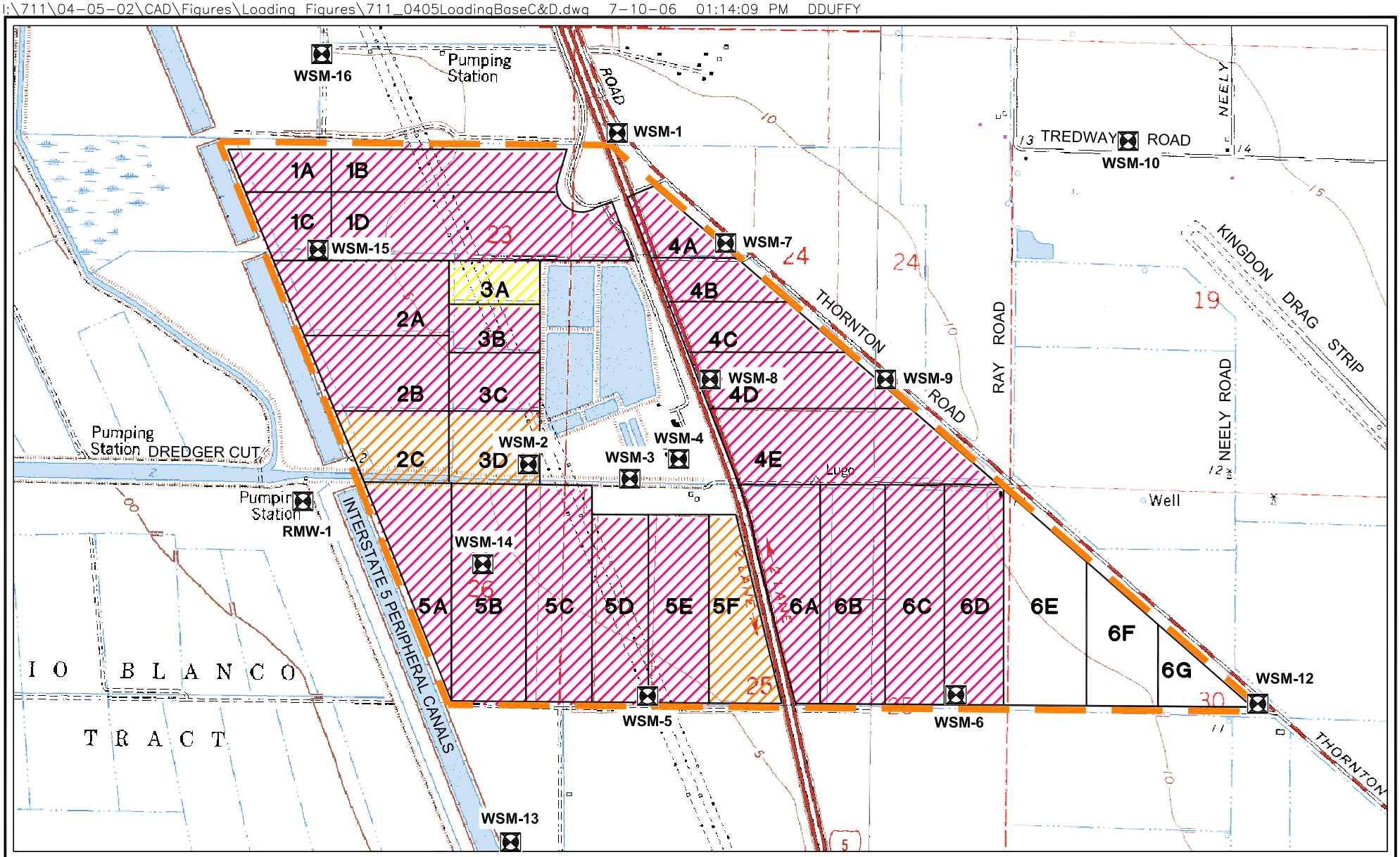

LEGEND

BOUNDARY OF CITY-OWNED LAND

WSM-4 WELLS

<2500 LB/ACRE TDS PER YEAR

2500-5000 LB/ACRE TDS PER YEAR

5000-7500 LB/ACRE TDS PER YEAR

7500-10000 LB/ACRE TDS PER YEAR

>10000 LB/ACRE TDS PER YEAR

N

0 800 1600

SCALE IN FEET

City of Lodi
Water Pollution Control Facility
Groundwater Assessment
TDS Loading from Reclaimed Water 2000

WEST YOST ASSOCIATES
Consulting Engineers

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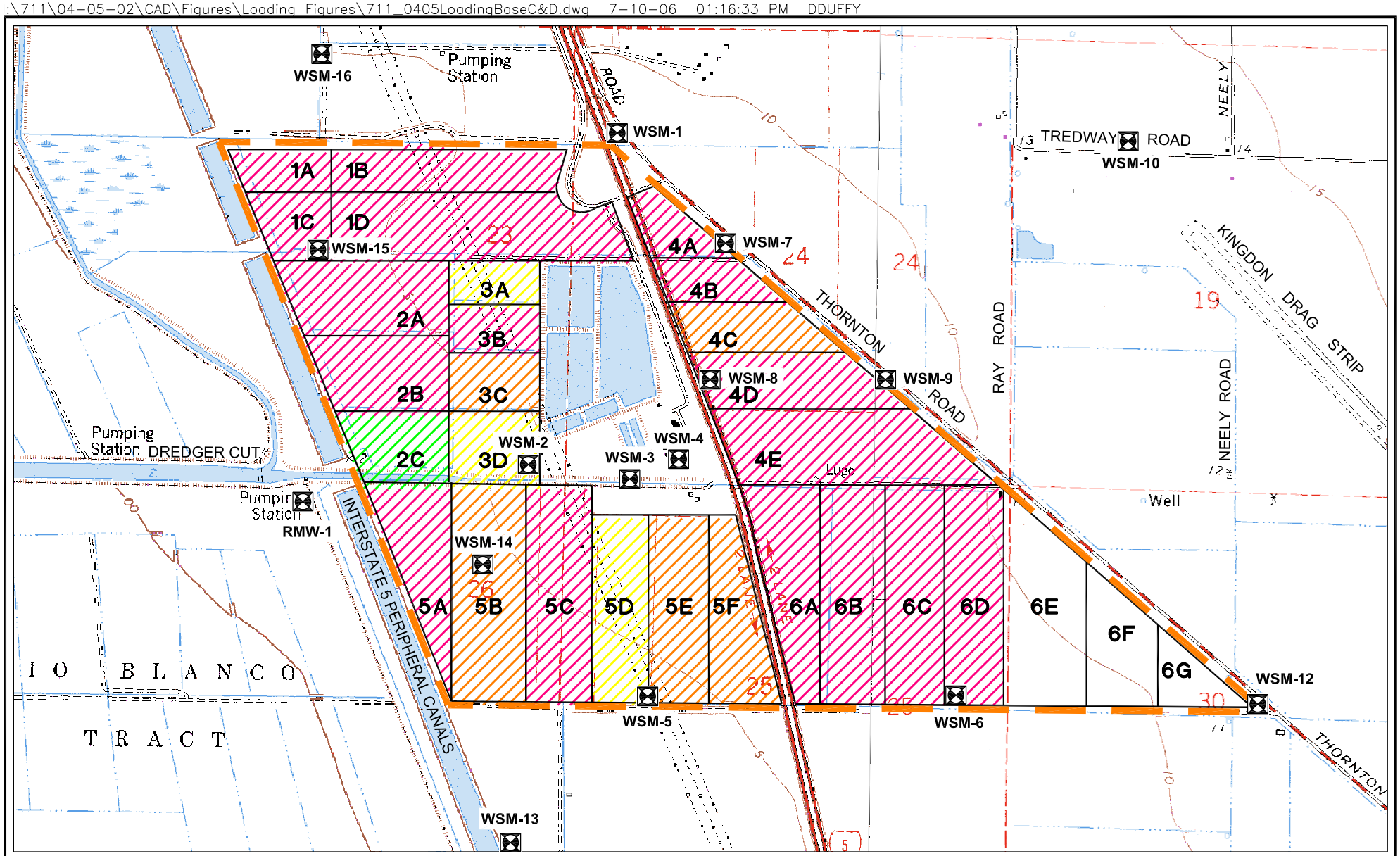

LEGEND

BOUNDARY OF CITY-OWNED LAND

WSM-4 WELLS

<2500 LB/ACRE TDS PER YEAR

2500-5000 LB/ACRE TDS PER YEAR

5000-7500 LB/ACRE TDS PER YEAR

7500-10000 LB/ACRE TDS PER YEAR

>10000 LB/ACRE TDS PER YEAR

N

0 800 1600

SCALE IN FEET

City of Lodi
Water Pollution Control Facility
Groundwater Assessment
TDS Loading from Reclaimed Water 2001

WEST YOST ASSOCIATES
Consulting Engineers

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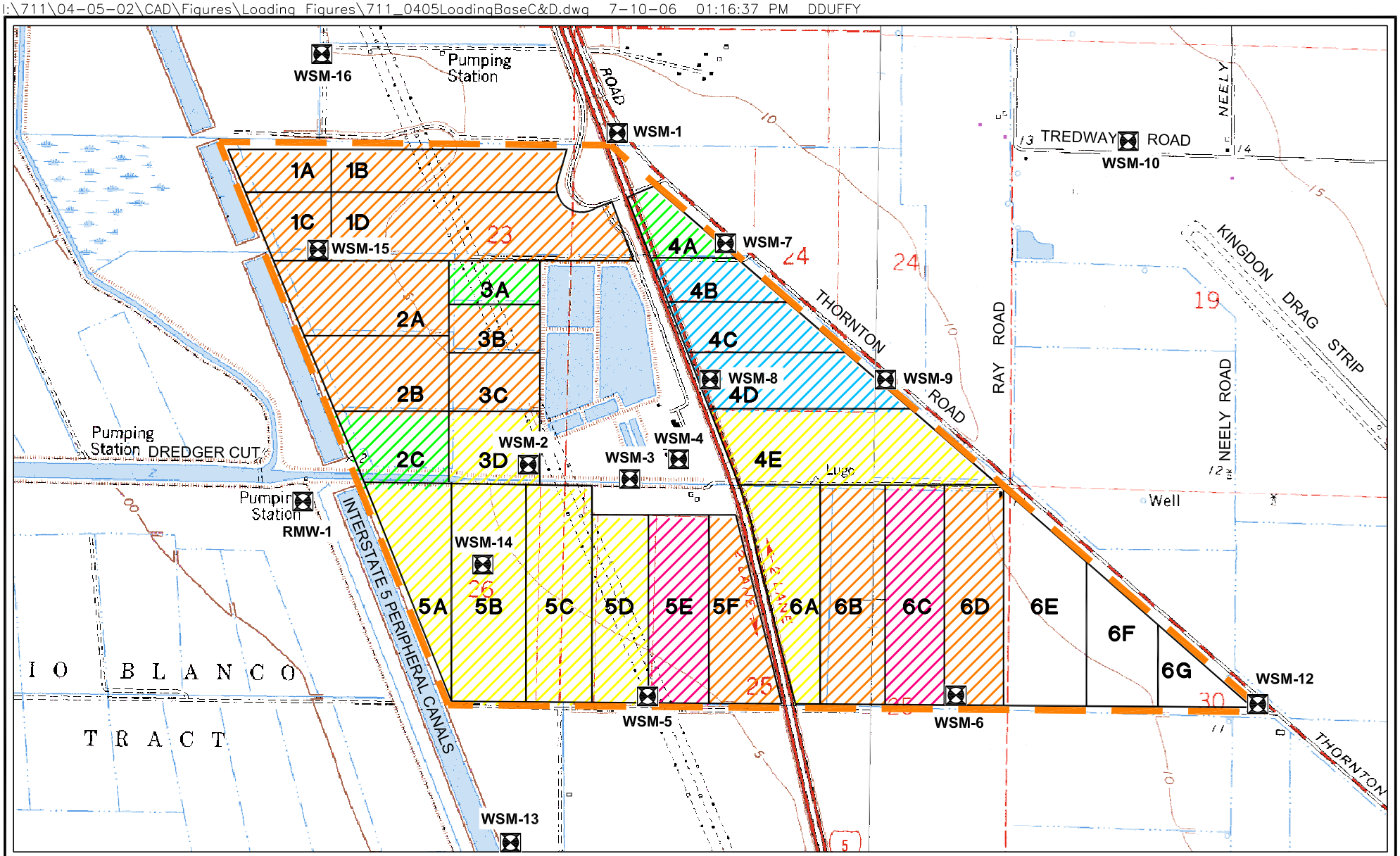

LEGEND

BOUNDARY OF CITY-OWNED LAND

WSM-4 WELLS

<2500 LB/ACRE TDS PER YEAR

2500-5000 LB/ACRE TDS PER YEAR

5000-7500 LB/ACRE TDS PER YEAR

7500-10000 LB/ACRE TDS PER YEAR

>10000 LB/ACRE TDS PER YEAR

N

0 800 1600

SCALE IN FEET

City of Lodi
Water Pollution Control Facility
Groundwater Assessment
TDS Loading from Reclaimed Water 2002

WEST YOST ASSOCIATES
Consulting Engineers

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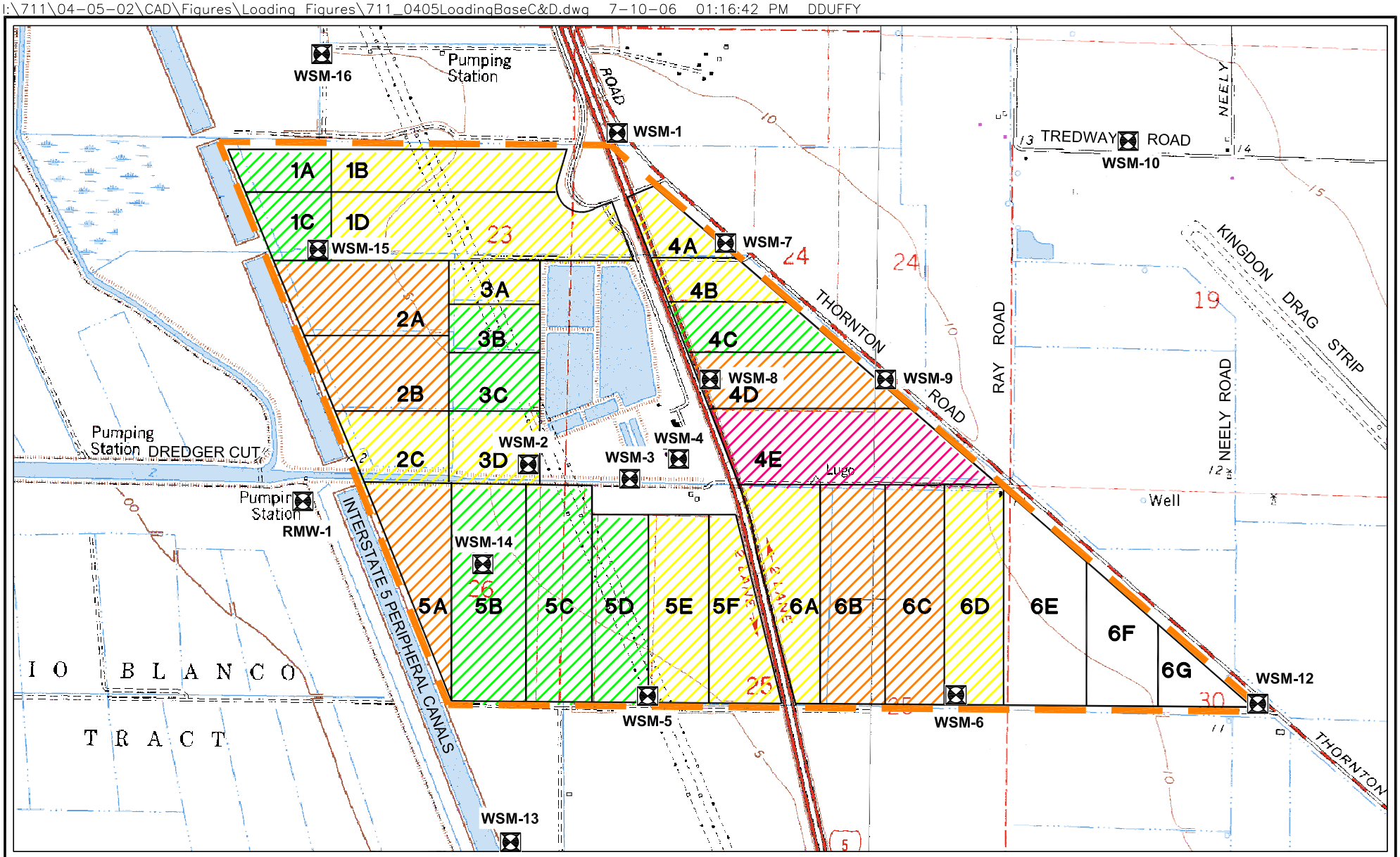

LEGEND

BOUNDARY OF CITY-OWNED LAND

WSM-4 WELLS

<2500 LB/ACRE TDS PER YEAR

2500-5000 LB/ACRE TDS PER YEAR

5000-7500 LB/ACRE TDS PER YEAR

7500-10000 LB/ACRE TDS PER YEAR

>10000 LB/ACRE TDS PER YEAR

N

0 800 1600

SCALE IN FEET

City of Lodi
Water Pollution Control Facility
Groundwater Assessment
TDS Loadings from Reclaimed Water 2003

WEST YOST ASSOCIATES
Consulting Engineers

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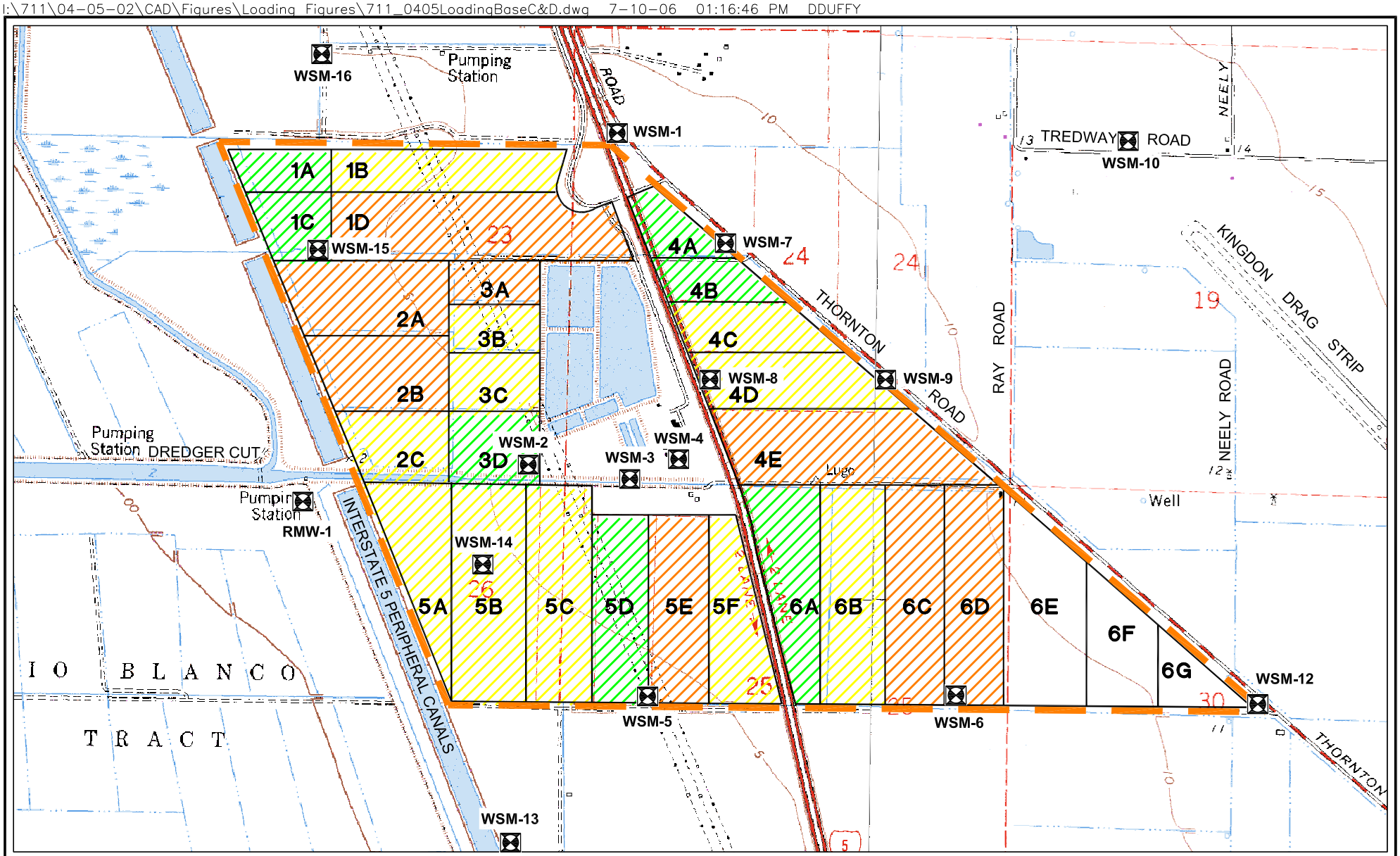

LEGEND

- BOUNDARY OF CITY-OWNED LAND
- WSM-4 WELLS
- <2500 LB/ACRE TDS PER YEAR
- 2500-5000 LB/ACRE TDS PER YEAR
- 5000-7500 LB/ACRE TDS PER YEAR
- 7500-10000 LB/ACRE TDS PER YEAR
- >10000 LB/ACRE TDS PER YEAR

N

0 800 1600
SCALE IN FEET

City of Lodi
Water Pollution Control Facility
Groundwater Assessment
TDS Loading from Reclaimed Water 2004

WEST YOST ASSOCIATES
Consulting Engineers

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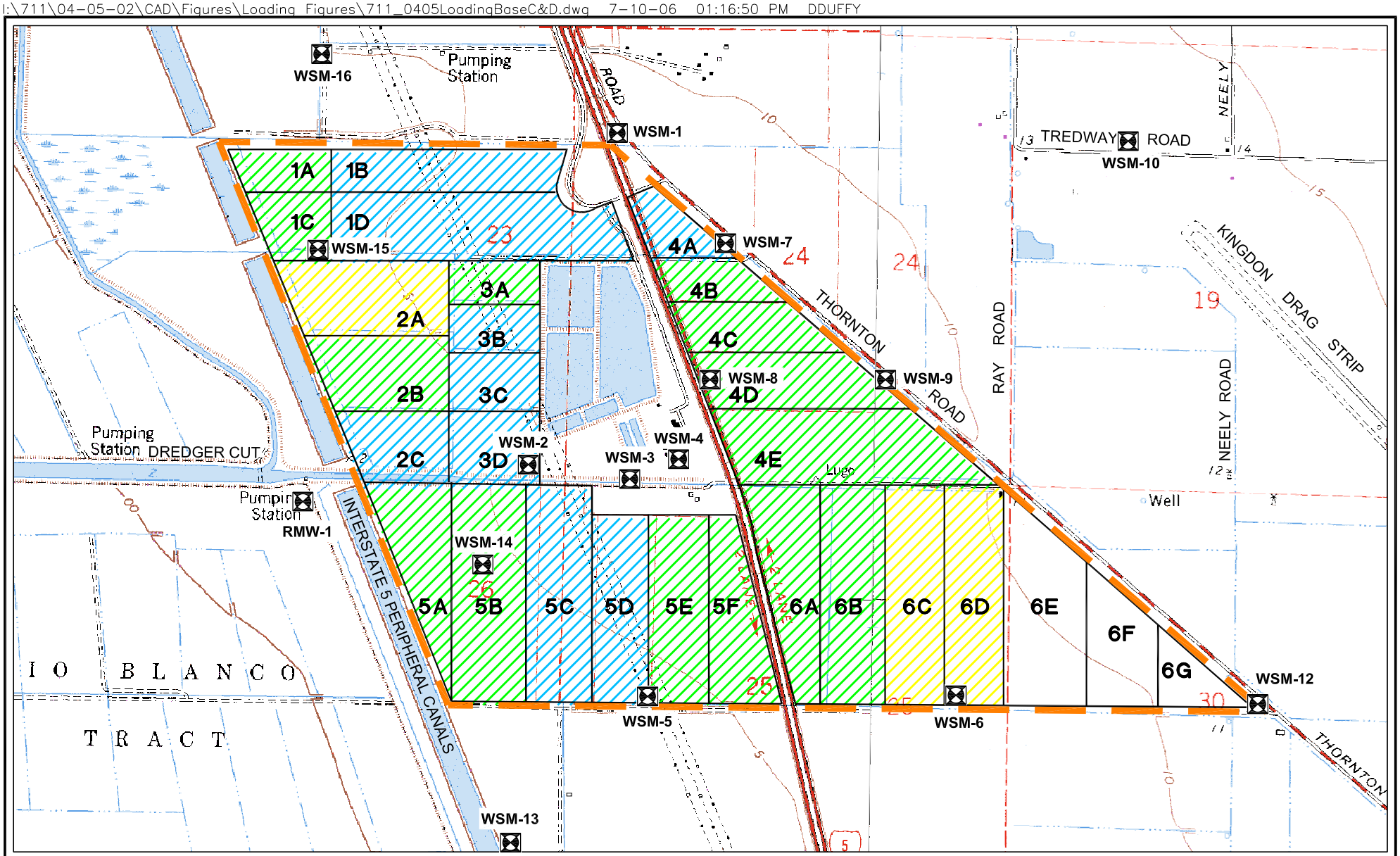

LEGEND

- BOUNDARY OF CITY-OWNED LAND
- WSM-4 WELLS
- <2500 LB/ACRE TDS PER YEAR
- 2500-5000 LB/ACRE TDS PER YEAR
- 5000-7500 LB/ACRE TDS PER YEAR
- 7500-10000 LB/ACRE TDS PER YEAR
- >10000 LB/ACRE TDS PER YEAR

N

0 800 1600
SCALE IN FEET

City of Lodi
Water Pollution Control Facility
Groundwater Assessment
TDS Loading from Reclaimed Water 2005

WEST YOST ASSOCIATES
Consulting Engineers