

Attachment 4  
Air Quality Modeling Results  
and Monitoring Data

# SFE\_DEIR\_MIN\_17K DU'S

URBEMIS 7G For Windows 5.1.0

File Name: C:\Program Files\URBEMIS 7G For Windows\Projects\SFE\_2030\_MIN.ur  
 Project Name: SFE\_2030\_MIN  
 Project Location: San Diego County

SUMMARY REPORT (Tons/Year)					
<b>CONSTRUCTION EMISSION ESTIMATES</b>					
	ROG	NOx	CO	PM10	SOX
TOTALS (tpy, unmitigated)	367.21	8.91	16.83	207.50	0.00
TOTALS (tpy, mitigated)	367.21	8.91	16.83	207.50	0.00
<b>AREA SOURCE EMISSION ESTIMATES</b>					
	ROG	NOx	CO	PM10	SOX
TOTALS (tpy, unmitigated)	1,116.70	60.87	2,332.69	356.39	6.13
TOTALS (tpy, mitigated)	1,116.66	60.87	2,332.69	356.39	6.13
<b>OPERATIONAL (VEHICLE) EMISSION ESTIMATES</b>					
	ROG	NOx	CO	PM10	
TOTALS (tpy, unmitigated)	108.20	285.73	991.51	171.19	
TOTALS (tpy, mitigated)	97.88	250.00	866.66	149.73	

URBEMIS 7G For Windows 5.1.0

File Name: C:\Program Files\URBEMIS 7G For Windows\Projects\SFE\_2030\_MIN.ur  
 Project Name: SFE\_2030\_MIN  
 Project Location: San Diego County

### DETAIL REPORT (Tons/Year)

Total Land Use Area to be Developed (Estimated): 850 acres  
 Retail/Office/Institutional Square Footage: 0  
 Single Family Units: 0 Multi-family Units: 17000

#### CONSTRUCTION EMISSION ESTIMATES

Source	ROG	NOx	CO	PM10	SOX
Demolition	-	-	-	205.80	-
Site Grading	0.00	0.00	-	0.00	0.00
Const. Worker Trips	6.27	8.87	16.83	1.70	-
Stationary Equip	0.04	0.03	-	0.00	0.00
Mobile Equip. - Gas	0.00	0.00	-	0.00	0.00
Mobile Equip. - Diesel	0.00	0.00	-	0.00	0.00
Architectural Coatings	360.89	-	-	-	-
Asphalt Offgassing	0.00	-	-	-	-
<b>TOTALS (tpy, unmitigated)</b>	<b>367.21</b>	<b>8.91</b>	<b>16.83</b>	<b>207.50</b>	<b>0.00</b>

#### AREA SOURCE EMISSION ESTIMATES

Source	ROG	NOx	CO	PM10	SOX
Natural Gas	1.81	23.40	9.96	0.04	-
Wood Stoves	182.36	28.61	1,461.29	238.38	4.77
Fireplaces	780.70	8.86	861.16	117.96	1.36
Landscaping	0.04	0.00	0.28	0.00	0.00
Consumer Prdcts	151.78	-	-	-	-
<b>TOTALS (tpy, unmitigated)</b>	<b>1,116.70</b>	<b>60.87</b>	<b>2,332.69</b>	<b>356.39</b>	<b>6.13</b>

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Apartments low rise	27.05	71.43	247.88	42.80
Apartments high rise	27.05	71.43	247.88	42.80
Condo/townhouse general	27.05	71.43	247.88	42.80
Condo/townhouse high rise	27.05	71.43	247.88	42.80
TOTAL EMISSIONS (tons/year)	108.20	285.73	991.51	171.19

Includes correction for passby trips.  
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Annual

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Apartments low rise	6.00 trips / dwelling units	4,250.00	25,500.00
Apartments high rise	6.00 trips / dwelling units	4,250.00	25,500.00
Condo/townhouse general	6.00 trips / dwelling units	4,250.00	25,500.00
Condo/townhouse high rise	6.00 trips / dwelling units	4,250.00	25,500.00

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Duty Autos	75.00	1.16	98.58	0.26
Light Duty Trucks	10.00	0.13	99.54	0.33
Medium Duty Trucks	3.00	1.44	98.56	-
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Med.-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Heavy-Heavy Trucks	5.00	-	-	100.00
Urban Buses	2.00	-	-	100.00
Motorcycles	3.00	100.00%	all fuels	

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			

MITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Apartments low rise	24.47	62.50	216.66	37.43
Apartments high rise	24.47	62.50	216.66	37.43
Condo/townhouse general	24.47	62.50	216.66	37.43
Condo/townhouse high rise	24.47	62.50	216.66	37.43
TOTAL EMISSIONS (tons/year)	97.88	250.00	866.66	149.73

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Annual

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Apartments low rise	6.00 trips / dwelling units	4,250.00	25,500.00
Apartments high rise	6.00 trips / dwelling units	4,250.00	25,500.00
Condo/townhouse general	6.00 trips / dwelling units	4,250.00	25,500.00
Condo/townhouse high rise	6.00 trips / dwelling units	4,250.00	25,500.00

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Duty Autos	75.00	1.16	98.58	0.26
Light Duty Trucks	10.00	0.13	99.54	0.33
Medium Duty Trucks	3.00	1.44	98.56	-
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Med.-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Heavy-Heavy Trucks	5.00	-	-	100.00
Urban Buses	2.00	-	-	100.00
Motorcycles	3.00	100.00% all fuels		

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			

ENVIRONMENTAL FACTORS APPLICABLE TO THE PROJECT

Pedestrian Environment

3.0 Side Walks/Paths: Complete Coverage  
2.0 Street Trees Provide Shade: Complete Coverage  
3.0 Pedestrian Circulation Access: Most Destinations  
5.0 Visually Interesting Uses: Large Number and Variety  
2.0 Street System Enhances Safety: Most Streets  
2.0 Pedestrian Safety from Crime: High Degree of Safety  
2.0 Visually Interesting Walking Routes: High Level  
19.0 <- Pedestrian Environmental Credit  
19.0 /19 = 1.0 <- Pedestrian Effectiveness Factor

Transit Service

40.0 Transit Service: <15 Minute Bus within 1/4 Mile  
40.0 <- Transit Effectiveness Credit  
19.0 <- Pedestrian Factor  
59.0 <-Total  
59.0 /110 = 0.5 <-Transit Effectiveness Factor

Bicycle Environment

5.0 Interconnected Bikeways: High Coverage  
3.0 Bike Routes Provide Paved Shoulders: Most Major Destinations  
1.0 Safe Vehicle Speed Limits: Some Destinations  
2.0 Safe School Routes: Primary and Secondary Schools  
3.0 Uses w/in Cycling Distance: Large Number and Variety  
1.0 Bike Parking Ordinance: Requires Unprotected Bike Racks  
15.0 <- Bike Environmental Credit  
15.0 /20 = 0.8 <- Bike Effectiveness Factor

MITIGATION MEASURES SELECTED FOR THIS PROJECT  
(All mitigation measures are printed, even if  
the selected land uses do not constitute a mixed use.)

Transit Infrastructure Measures

% Trips Reduced	Measure
15.0	Credit for Existing or Planned Community Transit Service
15.0	<- Totals

Pedestrian Enhancing Infrastructure Measures (Residential)

% Trips Reduced	Measure
2.0	Credit for Surrounding Pedestrian Environment
3.0	Mixed Use Project (Residential Oriented)
5.0	<- Totals

Pedestrian Enhancing Infrastructure Measures (Non-Residential)

% Trips Reduced	Measure
2.0	Credit for Surrounding Pedestrian Environment
2.0	<- Totals

Bicycle Enhancing Infrastructure Measures (Residential)

% Trips Reduced	Measure
7.0	Credit for Surrounding Bicycle Environment
2.0	Provide Bike Lanes/Paths Connecting to Bikeway System
9.0	<- Totals

Bike Enhancing Infrastructure Measures (Non-Residential)

% Trips Reduced	Measure
5.0	Credit for Surrounding Area Bike Environment
5.0	<- Totals

Operational Measures (Applying to Commute Trips)

% Trips Reduced	Measure
0.0	<- Totals

Operational Measures (Applying to Employee Non-Commute Trips)

% Trips Reduced	Measure
0.0	<- Totals

Operational Measures (Applying to Customer Trips)

% Trips Reduced	Measure
0.0	<- Totals

Measures Reducing VMT (Non-Residential)

VMT Reduced	Measure
0.0	<- Totals

Measures Reducing VMT (Residential)

VMT Reduced	Measure
0.0	<- Totals

Total Percentage Trip Reduction with Environmental Factors and Mitigation Measures				
Travel Mode	Home-Work Trips	Home-Shop Trips	Home-Other Trips	
Pedestrian	0.55	2.20	2.20	
Transit	8.05	1.77	2.17	
Bicycle	6.75	6.75	6.75	
Totals	0.00	0.00	0.00	
Travel Mode	Work Trips	Employee Trips	Customer Trips	
Pedestrian	0.22	2.00	2.00	
Transit	8.05	0.16	8.05	
Bicycle	3.75	3.75	3.75	
Other	0.00	0.00	0.00	
Totals	0.00	0.00	0.00	

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#### Changes made to the default values for Construction

The demolition option switch changed from off to on.  
 The demolition total width in total volume changed from to 7000.  
 The demolition total length in total volume changed from to 7000.  
 The demolition total height in total volume changed from to 20.  
 The demolition total width in maximum daily volume changed from to 444.  
 The demolition total length in maximum daily volume changed from to 444.  
 The demolition total height in maximum daily volume changed from to 20.  
 The demolition days required changed from 10 to 249.  
 Changes made to the default values for Area

#### Changes made to the default values for Operations

The operational emission year changed from 2000 to 2020.  
 The operational winter temperature changed from 40 to 50.  
 The operational summer temperature changed from 85 to 75.  
 The operational summer selection item changed from 7 to 5.  
 The default/noddefault travel setting changed from noddefault to: noddefault  
 Side Walks/Paths: No Sidewalks  
 changed to: Side Walks/Paths: Complete Coverage  
 Street Trees Provide Shade: No Coverage  
 changed to: Street Trees Provide Shade: Complete Coverage  
 Pedestrian Circulation Access: No Destinations  
 changed to: Pedestrian Circulation Access: Most Destinations  
 Visually Interesting Uses: No Uses Within Walking Distance  
 changed to: Visually Interesting Uses: Large Number and Variety  
 Street System Enhances Safety: No Streets  
 changed to: Street System Enhances Safety: Most Streets  
 Pedestrian Safety from Crime: No Degree of Safety  
 changed to: Pedestrian Safety from Crime: High Degree of Safety  
 Visually Interesting Walking Routes: No Visual Interest  
 changed to: Visually Interesting Walking Routes: High Level  
 Transit Service: Dial-A-Ride or No Transit Service  
 changed to: Transit Service: <15 Minute Bus within 1/4 Mile  
 Interconnected Bikeways: No Bikeway Coverage  
 changed to: Interconnected Bikeways: High Coverage  
 Bike Routes Provide Paved Shoulders: No Routes  
 changed to: Bike Routes Provide Paved Shoulders: Most Major Destinations  
 Safe Vehicle Speed Limits: No Routes Provided  
 changed to: Safe Vehicle Speed Limits: Some Destinations  
 Safe School Routes: No Schools  
 changed to: Safe School Routes: Primary and Secondary Schools  
 Uses w/in Cycling Distance: No Uses w/in Cycling Distance  
 changed to: Uses w/in Cycling Distance: Large Number and Variety  
 Bike Parking Ordinance: No Ordinance or Unenforceable  
 changed to: Bike Parking Ordinance: Requires Unprotected Bike Racks  
 Mitigation measure Mixed Use Project (Residential Oriented):3  
 has been changed from off to on.  
 Mitigation measure Provide Bike Lanes/Paths Connecting to Bikeway System:2  
 has been changed from off to on.

# SFE\_DEIR\_MAX\_37K DU'S

URBEMIS 7G For Windows 5.1.0

File Name: C:\Program Files\URBEMIS 7G For Windows\Projects\SFE\_2030\_MAX.ur  
 Project Name: SFE\_2030\_MAX  
 Project Location: San Diego County

SUMMARY REPORT (Tons/Year)					
CONSTRUCTION EMISSION ESTIMATES					
	ROG	NOx	CO	PM10	SOX
TOTALS (tpy, unmitigated)	799.16	19.35	36.63	454.93	0.00
TOTALS (tpy, mitigated)	799.16	19.35	36.63	454.93	0.00
AREA SOURCE EMISSION ESTIMATES					
	ROG	NOx	CO	PM10	SOX
TOTALS (tpy, unmitigated)	2,430.41	132.48	5,076.69	775.66	13.34
TOTALS (tpy, mitigated)	2,430.37	132.48	5,076.69	775.66	13.34
OPERATIONAL (VEHICLE) EMISSION ESTIMATES					
	ROG	NOx	CO	PM10	
TOTALS (tpy, unmitigated)	235.48	621.89	2,158.00	372.60	
TOTALS (tpy, mitigated)	213.04	544.13	1,886.26	325.89	

URBEMIS 7G For Windows 5.1.0

File Name: C:\Program Files\URBEMIS 7G For Windows\Projects\SFE\_2030\_MAX.ur  
 Project Name: SFE\_2030\_MAX  
 Project Location: San Diego County

## DETAIL REPORT (Tons/Year)

Total Land Use Area to be Developed (Estimated): 1850 acres  
 Retail/Office/Institutional Square Footage: 0  
 Single Family Units: 0 Multi-family Units: 37000

### CONSTRUCTION EMISSION ESTIMATES

Source	ROG	NOx	CO	PM10	SOX
Demolition	-	-	-	451.22	-
Site Grading	0.00	0.00	-	0.00	0.00
Const. Worker Trips	13.65	19.31	36.63	3.70	-
Stationary Equip	0.04	0.03	-	0.00	0.00
Mobile Equip. - Gas	0.00	0.00	-	0.00	0.00
Mobile Equip. - Diesel	0.00	0.00	-	0.00	0.00
Architectural Coatings	785.46	-	-	-	-
Asphalt Offgassing	0.00	-	-	-	-
TOTALS (tpy, unmitigated)	799.16	19.35	36.63	454.93	0.00

### AREA SOURCE EMISSION ESTIMATES

Source	ROG	NOx	CO	PM10	SOX
Natural Gas	3.93	50.92	21.67	0.10	-
Wood Stoves	396.91	62.26	3,180.45	518.83	10.38
Fireplaces	1,699.18	19.29	1,874.29	256.73	2.97
Landscaping	0.04	0.00	0.28	0.00	0.00
Consumer Prdcts	330.35	-	-	-	-
TOTALS (tpy, unmitigated)	2,430.41	132.48	5,076.69	775.66	13.34

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Apartments low rise	58.87	155.47	539.50	93.15
Apartments high rise	58.87	155.47	539.50	93.15
Condo/townhouse general	58.87	155.47	539.50	93.15
Condo/townhouse high rise	58.87	155.47	539.50	93.15
TOTAL EMISSIONS (tons/year)	235.48	621.89	2,158.00	372.60

Includes correction for passby trips.  
Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Annual

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Apartments low rise	6.00 trips / dwelling units	9,250.00	55,500.00
Apartments high rise	6.00 trips / dwelling units	9,250.00	55,500.00
Condo/townhouse general	6.00 trips / dwelling units	9,250.00	55,500.00
Condo/townhouse high rise	6.00 trips / dwelling units	9,250.00	55,500.00

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Duty Autos	75.00	1.16	98.58	0.26
Light Duty Trucks	10.00	0.13	99.54	0.33
Medium Duty Trucks	3.00	1.44	98.56	-
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Med.-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Heavy-Heavy Trucks	5.00	-	-	100.00
Urban Buses	2.00	-	-	100.00
Motorcycles	3.00	100.00% all fuels		

Travel Conditions	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			

MITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Apartments low rise	53.26	136.03	471.56	81.47
Apartments high rise	53.26	136.03	471.56	81.47
Condo/townhouse general	53.26	136.03	471.56	81.47
Condo/townhouse high rise	53.26	136.03	471.56	81.47
TOTAL EMISSIONS (tons/year)	213.04	544.13	1,886.26	325.89

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Annual

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Apartments low rise	6.00 trips / dwelling units	9,250.00	55,500.00
Apartments high rise	6.00 trips / dwelling units	9,250.00	55,500.00
Condo/townhouse general	6.00 trips / dwelling units	9,250.00	55,500.00
Condo/townhouse high rise	6.00 trips / dwelling units	9,250.00	55,500.00

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel		
Light Duty Autos	75.00	1.16	98.58	0.26		
Light Duty Trucks	10.00	0.13	99.54	0.33		
Medium Duty Trucks	3.00	1.44	98.56	-		
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44		
Med.-Heavy Duty Trucks	1.00	19.56	40.00	40.44		
Heavy-Heavy Trucks	5.00	-	-	100.00		
Urban Buses	2.00	-	-	100.00		
Motorcycles	3.00	100.00% all fuels				
Travel Conditions						
		Residential		Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			

ENVIRONMENTAL FACTORS APPLICABLE TO THE PROJECT

Pedestrian Environment

3.0 Side Walks/Paths: Complete Coverage  
2.0 Street Trees Provide Shade: Complete Coverage  
3.0 Pedestrian Circulation Access: Most Destinations  
5.0 Visually Interesting Uses: Large Number and Variety  
2.0 Street System Enhances Safety: Most Streets  
2.0 Pedestrian Safety from Crime: High Degree of Safety  
2.0 Visually Interesting Walking Routes: High Level  
  
19.0 <- Pedestrian Environmental Credit  
19.0 /19 = 1.0 <- Pedestrian Effectiveness Factor

Transit Service

40.0 Transit Service: Light Rail/Trolley w/in 1/2 mile  
  
40.0 <- Transit Effectiveness Credit  
19.0 <- Pedestrian Factor  
59.0 <-Total  
59.0 /110 = 0.5 <-Transit Effectiveness Factor

Bicycle Environment

5.0 Interconnected Bikeways: High Coverage  
3.0 Bike Routes Provide Paved Shoulders: Most Major Destinations  
1.0 Safe Vehicle Speed Limits: Some Destinations  
2.0 Safe School Routes: Primary and Secondary Schools  
3.0 Uses w/in Cycling Distance: Large Number and Variety  
1.0 Bike Parking Ordinance: Requires Unprotected Bike Racks  
  
15.0 <- Bike Environmental Credit  
15.0 /20 = 0.8 <- Bike Effectiveness Factor

MITIGATION MEASURES SELECTED FOR THIS PROJECT  
(All mitigation measures are printed, even if  
the selected land uses do not constitute a mixed use.)

Transit Infrastructure Measures

% Trips Reduced	Measure
15.0	Credit for Existing or Planned Community Transit Service
15.0	<- Totals

Pedestrian Enhancing Infrastructure Measures (Residential)

% Trips Reduced	Measure
2.0	Credit for Surrounding Pedestrian Environment
3.0	Mixed Use Project (Residential Oriented)
5.0	<- Totals

Pedestrian Enhancing Infrastructure Measures (Non-Residential)

% Trips Reduced	Measure
2.0	Credit for Surrounding Pedestrian Environment
2.0	<- Totals

Bicycle Enhancing Infrastructure Measures (Residential)

% Trips Reduced	Measure
7.0	Credit for Surrounding Bicycle Environment
2.0	Provide Bike Lanes/Paths Connecting to Bikeway System
9.0	<- Totals

Bike Enhancing Infrastructure Measures (Non-Residential)

% Trips Reduced	Measure
5.0	Credit for Surrounding Area Bike Environment
5.0	<- Totals

Operational Measures (Applying to Commute Trips)

% Trips Reduced	Measure
0.0	<- Totals

Operational Measures (Applying to Employee Non-Commute Trips)

% Trips Reduced	Measure
0.0	<- Totals

Operational Measures (Applying to Customer Trips)

% Trips Reduced	Measure
0.0	<- Totals

Measures Reducing VMT (Non-Residential)

VMT Reduced	Measure
0.0	<- Totals

Measures Reducing VMT (Residential)

VMT Reduced	Measure
0.0	<- Totals

Total Percentage Trip Reduction with Environmental Factors and Mitigation Measures				
Travel Mode	Home-Work Trips	Home-Shop Trips	Home-Other Trips	
Pedestrian	0.55	2.20	2.20	
Transit	8.05	1.77	2.17	
Bicycle	6.75	6.75	6.75	
Totals	0.00	0.00	0.00	
Travel Mode	Work Trips	Employee Trips	Customer Trips	
Pedestrian	0.22	2.00	2.00	
Transit	8.05	0.16	8.05	
Bicycle	3.75	3.75	3.75	
Other	0.00	0.00	0.00	
Totals	0.00	0.00	0.00	

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#### Changes made to the default values for Construction

The demolition option switch changed from off to on.  
 The demolition total width in total volume changed from to 10365.  
 The demolition total length in total volume changed from to 10365.  
 The demolition total height in total volume changed from to 20.  
 The demolition total width in maximum daily volume changed from to 655.  
 The demolition total length in maximum daily volume changed from to 655.  
 The demolition total height in maximum daily volume changed from to 20.  
 The demolition days required changed from 10 to 250.  
 Changes made to the default values for Area

#### Changes made to the default values for Operations

The operational emission year changed from 2000 to 2020.  
 The operational winter temperature changed from 40 to 50.  
 The operational summer temperature changed from 85 to 75.  
 The operational summer selection item changed from 7 to 5.  
 The travel mode environment settings changed from both to: residential  
 The default/noddefault travel setting changed from noddefault to: noddefault  
 Side Walks/Paths: No Sidewalks  
 changed to: Side Walks/Paths: Complete Coverage  
 Street Trees Provide Shade: No Coverage  
 changed to: Street Trees Provide Shade: Complete Coverage  
 Pedestrian Circulation Access: No Destinations  
 changed to: Pedestrian Circulation Access: Most Destinations  
 Visually Interesting Uses: No Uses Within Walking Distance  
 changed to: Visually Interesting Uses: Large Number and Variety  
 Street System Enhances Safety: No Streets  
 changed to: Street System Enhances Safety: Most Streets  
 Pedestrian Safety from Crime: No Degree of Safety  
 changed to: Pedestrian Safety from Crime: High Degree of Safety  
 Visually Interesting Walking Routes: No Visual Interest  
 changed to: Visually Interesting Walking Routes: High Level  
 Transit Service: Dial-A-Ride or No Transit Service  
 changed to: Transit Service: Light Rail/Trolley w/in 1/2 mile  
 Interconnected Bikeways: No Bikeway Coverage  
 changed to: Interconnected Bikeways: High Coverage  
 Bike Routes Provide Paved Shoulders: No Routes  
 changed to: Bike Routes Provide Paved Shoulders: Most Major Destinations  
 Safe Vehicle Speed Limits: No Routes Provided  
 changed to: Safe Vehicle Speed Limits: Some Destinations  
 Safe School Routes: No Schools  
 changed to: Safe School Routes: Primary and Secondary Schools  
 Uses w/in Cycling Distance: No Uses w/in Cycling Distance  
 changed to: Uses w/in Cycling Distance: Large Number and Variety  
 Bike Parking Ordinance: No Ordinance or Unenforceable  
 changed to: Bike Parking Ordinance: Requires Unprotected Bike Racks  
 Mitigation measure Mixed Use Project (Residential Oriented):3  
 has been changed from off to on.  
 Mitigation measure Provide Bike Lanes/Paths Connecting to Bikeway System:2  
 has been changed from off to on.

# SFE\_DEIR\_REDUCED ALT\_10 DU'S

URBEMIS 7G For Windows 5.1.0

File Name: C:\Program Files\URBEMIS 7G For Windows\Projects\SFE\_DEIR\_REDUCE  
 Project Name: SFE\_REDUCED  
 Project Location: San Diego County

SUMMARY REPORT (Tons/Year)					
<b>CONSTRUCTION EMISSION ESTIMATES</b>					
	ROG	NOx	CO	PM10	SOX
TOTALS (tpy, unmitigated)	216.02	5.25	9.90	123.02	0.00
TOTALS (tpy, mitigated)	216.02	5.25	9.90	123.02	0.00
<b>AREA SOURCE EMISSION ESTIMATES</b>					
	ROG	NOx	CO	PM10	SOX
TOTALS (tpy, unmitigated)	656.90	35.81	1,372.28	209.64	3.61
TOTALS (tpy, mitigated)	656.86	35.81	1,372.28	209.64	3.61
<b>OPERATIONAL (VEHICLE) EMISSION ESTIMATES</b>					
	ROG	NOx	CO	PM10	
TOTALS (tpy, unmitigated)	63.64	168.08	583.24	100.70	
TOTALS (tpy, mitigated)	57.58	147.06	509.80	88.08	

URBEMIS 7G For Windows 5.1.0

File Name: C:\Program Files\URBEMIS 7G For Windows\Projects\SFE\_DEIR\_REDUCE  
 Project Name: SFE\_REDUCED  
 Project Location: San Diego County

## DETAIL REPORT (Tons/Year)

Total Land Use Area to be Developed (Estimated): 500 acres  
 Retail/Office/Institutional Square Footage: 0  
 Single Family Units: 0 Multi-family Units: 10000

CONSTRUCTION EMISSION ESTIMATES					
Source	ROG	NOx	CO	PM10	SOX
Demolition	-	-	-	122.02	-
Site Grading	0.00	0.00	-	0.00	0.00
Const. Worker Trips	3.69	5.22	9.90	1.00	-
Stationary Equip	0.04	0.03	-	0.00	0.00
Mobile Equip. - Gas	0.00	0.00	-	0.00	0.00
Mobile Equip. - Diesel	0.00	0.00	-	0.00	0.00
Architectural Coatings	212.29	-	-	-	-
Asphalt Offgassing	0.00	-	-	-	-
TOTALS (tpy, unmitigated)	216.02	5.25	9.90	123.02	0.00

AREA SOURCE EMISSION ESTIMATES					
Source	ROG	NOx	CO	PM10	SOX
Natural Gas	1.06	13.76	5.86	0.03	-
Wood Stoves	107.27	16.83	859.58	140.23	2.80
Fireplaces	459.24	5.21	506.56	69.39	0.80
Landscaping	0.04	0.00	0.28	0.00	0.00
Consumer Prdcts	89.28	-	-	-	-
TOTALS (tpy, unmitigated)	656.90	35.81	1,372.28	209.64	3.61

UNMITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Apartments low rise	15.91	42.02	145.81	25.18
Apartments high rise	15.91	42.02	145.81	25.18
Condo/townhouse general	15.91	42.02	145.81	25.18
Condo/townhouse high rise	15.91	42.02	145.81	25.18
TOTAL EMISSIONS (tons/year)	63.64	168.08	583.24	100.70

Includes correction for passby trips.

Does not include double counting adjustment for internal trips.

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Annual

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Apartments low rise	6.00 trips / dwelling units	2,500.00	15,000.00
Apartments high rise	6.00 trips / dwelling units	2,500.00	15,000.00
Condo/townhouse general	6.00 trips / dwelling units	2,500.00	15,000.00
Condo/townhouse high rise	6.00 trips / dwelling units	2,500.00	15,000.00

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Duty Autos	75.00	1.16	98.58	0.26
Light Duty Trucks	10.00	0.13	99.54	0.33
Medium Duty Trucks	3.00	1.44	98.56	-
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Med.-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Heavy-Heavy Trucks	5.00	-	-	100.00
Urban Buses	2.00	-	-	100.00
Motorcycles	3.00	100.00% all fuels		

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			

MITIGATED OPERATIONAL EMISSIONS

	ROG	NOx	CO	PM10
Apartments low rise	14.39	36.77	127.45	22.02
Apartments high rise	14.39	36.77	127.45	22.02
Condo/townhouse general	14.39	36.77	127.45	22.02
Condo/townhouse high rise	14.39	36.77	127.45	22.02
<b>TOTAL EMISSIONS (tons/year)</b>	<b>57.58</b>	<b>147.06</b>	<b>509.80</b>	<b>88.08</b>

OPERATIONAL (Vehicle) EMISSION ESTIMATES

Analysis Year: 2020 Temperature (F): 75 Season: Annual

EMFAC Version: EMFAC7G (10/96)

Summary of Land Uses:

Unit Type	Trip Rate	Size	Total Trips
Apartments low rise	6.00 trips / dwelling units	2,500.00	15,000.00
Apartments high rise	6.00 trips / dwelling units	2,500.00	15,000.00
Condo/townhouse general	6.00 trips / dwelling units	2,500.00	15,000.00
Condo/townhouse high rise	6.00 trips / dwelling units	2,500.00	15,000.00

Vehicle Assumptions:

Fleet Mix:

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Duty Autos	75.00	1.16	98.58	0.26
Light Duty Trucks	10.00	0.13	99.54	0.33
Medium Duty Trucks	3.00	1.44	98.56	-
Lite-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Med.-Heavy Duty Trucks	1.00	19.56	40.00	40.44
Heavy-Heavy Trucks	5.00	-	-	100.00
Urban Buses	2.00	-	-	100.00
Motorcycles	3.00	100.00% all fuels		
Travel Conditions				

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.8	7.3	7.5	10.8	7.3	7.3
Rural Trip Length (miles)	15.0	10.0	10.0	15.0	10.0	10.0
Trip Speeds (mph)	35.0	35.0	35.0	35.0	35.0	35.0
% of Trips - Residential	27.3	21.2	51.5			

ENVIRONMENTAL FACTORS APPLICABLE TO THE PROJECT

Pedestrian Environment

3.0 Side Walks/Paths: Complete Coverage  
2.0 Street Trees Provide Shade: Complete Coverage  
3.0 Pedestrian Circulation Access: Most Destinations  
5.0 Visually Interesting Uses: Large Number and Variety  
2.0 Street System Enhances Safety: Most Streets  
2.0 Pedestrian Safety from Crime: High Degree of Safety  
2.0 Visually Interesting Walking Routes: High Level  
  
19.0 <- Pedestrian Environmental Credit  
19.0 /19 = 1.0 <- Pedestrian Effectiveness Factor

Transit Service

40.0 Transit Service: <15 Minute Bus within 1/4 Mile  
  
40.0 <- Transit Effectiveness Credit  
19.0 <- Pedestrian Factor  
59.0 <-Total  
59.0 /110 = 0.5 <-Transit Effectiveness Factor

Bicycle Environment

5.0 Interconnected Bikeways: High Coverage  
3.0 Bike Routes Provide Paved Shoulders: Most Major Destinations  
1.0 Safe Vehicle Speed Limits: Some Destinations  
2.0 Safe School Routes: Primary and Secondary Schools  
3.0 Uses w/in Cycling Distance: Large Number and Variety  
1.0 Bike Parking Ordinance: Requires Unprotected Bike Racks  
  
15.0 <- Bike Environmental Credit  
15.0 /20 = 0.8 <- Bike Effectiveness Factor

MITIGATION MEASURES SELECTED FOR THIS PROJECT  
(All mitigation measures are printed, even if  
the selected land uses do not constitute a mixed use.)

Transit Infrastructure Measures

% Trips Reduced	Measure
15.0	Credit for Existing or Planned Community Transit Service
15.0	<- Totals

Pedestrian Enhancing Infrastructure Measures (Residential)

% Trips Reduced	Measure
2.0	Credit for Surrounding Pedestrian Environment
3.0	Mixed Use Project (Residential Oriented)
5.0	<- Totals

Pedestrian Enhancing Infrastructure Measures (Non-Residential)

% Trips Reduced	Measure
2.0	Credit for Surrounding Pedestrian Environment
2.0	<- Totals

Bicycle Enhancing Infrastructure Measures (Residential)

% Trips Reduced	Measure
7.0	Credit for Surrounding Bicycle Environment
2.0	Provide Bike Lanes/Paths Connecting to Bikeway System
9.0	<- Totals

Bike Enhancing Infrastructure Measures (Non-Residential)

% Trips Reduced	Measure
5.0	Credit for Surrounding Area Bike Environment
5.0	<- Totals

Operational Measures (Applying to Commute Trips)

% Trips Reduced	Measure
0.0	<- Totals

Operational Measures (Applying to Employee Non-Commute Trips)

% Trips Reduced	Measure
0.0	<- Totals

Operational Measures (Applying to Customer Trips)

% Trips Reduced	Measure
0.0	<- Totals

Measures Reducing VMT (Non-Residential)

VMT Reduced	Measure
0.0	<- Totals

Measures Reducing VMT (Residential)

VMT Reduced	Measure
0.0	<- Totals

Total Percentage Trip Reduction with Environmental Factors and Mitigation Measures				
Travel Mode	Home-Work Trips	Home-Shop Trips	Home-Other Trips	
Pedestrian	0.55	2.20	2.20	
Transit	8.05	1.77	2.17	
Bicycle	6.75	6.75	6.75	
Totals	0.00	0.00	0.00	
Travel Mode	Work Trips	Employee Trips	Customer Trips	
Pedestrian	0.22	2.00	2.00	
Transit	8.05	0.16	8.05	
Bicycle	3.75	3.75	3.75	
Other	0.00	0.00	0.00	
Totals	0.00	0.00	0.00	

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#### Changes made to the default values for Construction

The demolition option switch changed from off to on.  
The demolition total width in total volume changed from to 5390.  
The demolition total length in total volume changed from to 5390.  
The demolition total height in total volume changed from to 20.  
The demolition total width in maximum daily volume changed from to 340.  
The demolition total length in maximum daily volume changed from to 340.  
The demolition total height in maximum daily volume changed from to 20.  
The demolition days required changed from 10 to 251.  
Changes made to the default values for Area

#### Changes made to the default values for Operations

The operational emission year changed from 2000 to 2020.  
The operational winter temperature changed from 40 to 50.  
The operational summer temperature changed from 85 to 75.  
The operational summer selection item changed from 7 to 5.  
The default/noddefault travel setting changed from nodefault to: nodefault  
Side Walks/Paths: No Sidewalks  
changed to: Side Walks/Paths: Complete Coverage  
Street Trees Provide Shade: No Coverage  
changed to: Street Trees Provide Shade: Complete Coverage  
Pedestrian Circulation Access: No Destinations  
changed to: Pedestrian Circulation Access: Most Destinations  
Visually Interesting Uses: No Uses Within Walking Distance  
changed to: Visually Interesting Uses: Large Number and Variety  
Street System Enhances Safety: No Streets  
changed to: Street System Enhances Safety: Most Streets  
Pedestrian Safety from Crime: No Degree of Safety  
changed to: Pedestrian Safety from Crime: High Degree of Safety  
Visually Interesting Walking Routes: No Visual Interest  
changed to: Visually Interesting Walking Routes: High Level  
Transit Service: Dial-A-Ride or No Transit Service  
changed to: Transit Service: <15 Minute Bus within 1/4 Mile  
Interconnected Bikeways: No Bikeway Coverage  
changed to: Interconnected Bikeways: High Coverage  
Bike Routes Provide Paved Shoulders: No Routes  
changed to: Bike Routes Provide Paved Shoulders: Most Major Destinations  
Safe Vehicle Speed Limits: No Routes Provided  
changed to: Safe Vehicle Speed Limits: Some Destinations  
Safe School Routes: No Schools  
changed to: Safe School Routes: Primary and Secondary Schools  
Uses w/in Cycling Distance: No Uses w/in Cycling Distance  
changed to: Uses w/in Cycling Distance: Large Number and Variety  
Bike Parking Ordinance: No Ordinance or Unenforceable  
changed to: Bike Parking Ordinance: Requires Unprotected Bike Racks  
Mitigation measure Mixed Use Project (Residential Oriented):3  
has been changed from off to on.  
Mitigation measure Provide Bike Lanes/Paths Connecting to Bikeway System:2  
has been changed from off to on.

**EMFAC7G MOTOR VEHICLE EMISSION FACTORS - AVERAGE PASSENGER CAR**

**Reactive Organic Gas (grams exhaust (ROG) pollutant per mile driven)**

<u>SPEED</u> <u>(miles/hour)</u>	<u>Year 2001</u>	<u>Year 2005</u>	<u>Year 2010</u>	<u>Year 2015</u>	<u>Year 2020</u>	<u>%CHANGE</u> <u>2001 to 2020</u>
5	0.90	0.55	0.31	0.16	0.11	-88%
25	0.24	0.15	0.08	0.04	0.03	-88%
45	0.15	0.09	0.05	0.03	0.02	-87%
55	0.14	0.09	0.05	0.03	0.02	-86%
65	0.55	0.33	0.18	0.07	0.04	-93%

**Reactive Organic Gas (grams exhaust (ROG) pollutant per engine startup)**

<u>TIME SINCE CAR</u> <u>ENGINE STOPPED</u>	<u>Year 2001</u>	<u>Year 2005</u>	<u>Year 2010</u>	<u>Year 2015</u>	<u>Year 2020</u>	<u>% CHANGE</u> <u>2001 to 2020</u>
20 minutes	0.74	0.47	0.26	0.14	0.08	-89%
1 hour	1.75	1.11	0.62	0.35	0.22	-87%
3 hours	2.30	1.67	0.88	0.60	0.38	-83%
8 hours	2.91	1.90	1.13	0.69	0.49	-83%
12 hours	3.32	2.18	1.30	0.80	0.58	-83%

**Carbon Monoxide (grams exhaust (CO) pollutant per mile driven)**

<u>SPEED</u> <u>(miles/hour)</u>	<u>Year 2001</u>	<u>Year 2005</u>	<u>Year 2010</u>	<u>Year 2015</u>	<u>Year 2020</u>	<u>%CHANGE</u> <u>2001 to 2020</u>
5	16.64	13.62	10.43	8.12	7.33	-56%
25	4.20	3.44	2.64	2.07	1.87	-55%
45	2.82	2.34	1.82	1.45	1.32	-53%
55	3.56	2.95	2.29	1.82	1.65	-54%
65	11.43	8.43	5.94	4.22	3.66	-68%

**Carbon Monoxide (grams exhaust (CO) pollutant per engine startup)**

<u>TIME SINCE CAR</u> <u>ENGINE STOPPED</u>	<u>Year 2001</u>	<u>Year 2005</u>	<u>Year 2010</u>	<u>Year 2015</u>	<u>Year 2020</u>	<u>% CHANGE</u> <u>2001 to 2020</u>
20 minutes	7.58	5.38	3.39	2.14	1.61	-79%
1 hour	18.86	13.50	8.67	5.60	4.32	-77%
3 hours	26.90	19.76	13.35	9.26	7.56	-72%
8 hours	31.36	23.44	16.38	11.83	9.97	-68%
12 hours	35.08	26.03	17.93	12.74	10.61	-70%

**Oxides of Nitrogen (grams exhaust (NOx) pollutant per mile driven)**

<u>SPEED</u> <u>(miles/hour)</u>	<u>Year 2001</u>	<u>Year 2005</u>	<u>Year 2010</u>	<u>Year 2015</u>	<u>Year 2020</u>	<u>%CHANGE</u> <u>2001 to 2020</u>
5	1.02	0.80	0.57	0.44	0.39	-62%
25	0.44	0.34	0.25	0.19	0.17	-61%
45	0.55	0.42	0.30	0.23	0.20	-64%
55	0.98	0.62	0.44	0.34	0.30	-69%
65	1.19	0.92	0.65	0.51	0.44	-63%

**Oxides of Nitrogen (grams exhaust (NOx) pollutant per engine startup)**

<u>TIME SINCE CAR</u> <u>ENGINE STOPPED</u>	<u>Year 2001</u>	<u>Year 2005</u>	<u>Year 2010</u>	<u>Year 2015</u>	<u>Year 2020</u>	<u>% CHANGE</u> <u>2001 to 2020</u>
20 minutes	1.00	0.82	0.68	0.59	0.55	-45%
1 hour	1.70	1.28	0.95	0.74	0.64	-62%
3 hours	1.71	1.32	0.99	0.80	0.71	-58%
8 hours	1.62	1.24	0.92	0.73	0.64	-60%
12 hours	1.48	1.10	0.80	0.61	0.52	-65%

# Ozone

## Number of Days Exceeding Federal and State Standards

San Diego County • 1996-2000

Station	Number of Days Exceeding Federal 1-Hour Standard Concentration > 12 pphm					Number of Days Exceeding State 1-Hour Standard Concentration > 9 pphm					Maximum 1-Hour Concentration (pphm)					Date of Maximum 1-Hour Concentration				
	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96
Chula Vista	0	0	0	0	0	0	4	2	10	1	9	11	10	12	10	4/30	4/19	7/26	11/1	6/30
El Cajon	0	0	1	0	0	5	3	14	7	8	11	10	13	11	11	4/25	2/28	8/30	7/3	6/30
Oceanside	0	0	0	0	0	1	0	3	6	4	10	9	11	11	11	3/14	4/18	7/6	10/31	5/11
Kearny Mesa	0	0	1	0	0	5	3	4	7	7	12	10	13	12	12	9/12	3/1	8/29	10/31	6/29
Del Mar	0	0	0	0	0	0	1	1	4	2	9	11	10	11	10	3/14	9/30	7/16	9/14	5/6
Escondido	0	0	0	0	0	6	1	9	5	12	12	10	12	11	12	9/16	8/25	7/26	10/31	6/30
Alpine	0	0	8	1	2	19	21	47	29	45	12	12	16	14	14	4/26	6/13	7/16	7/4	6/30
Downtown San Diego	0	0	0	0	0	1	0	1	5	1	12	9	10	12	11	9/12	2/28	8/29	5/28	4/30
Otay Mesa	0	0	0	0	0	2	1	0	10	6	11	10	9	12	11	3/14	4/15	7/16	8/1	4/30
Camp Pendleton	0	0	0	0	-	0	1	9	6	-	8	10	11	12	-	4/26	10/10	7/6	8/5	-
Basinwide	0	0	9	1	2	24	27	54	43	51	12	12	16	14	14	9/16	6/13	7/16	7/4	6/30

# Carbon Monoxide

## Maximum 1-Hour and 8-Hour Average Concentrations

San Diego County • 1996-2000

Station	Maximum 1-Hour Average Concentration (ppm) State Standard > 20 ppm Federal Standard > 35 ppm					Date of Maximum 1-Hour Average Concentration					Maximum 8-Hour Average Concentration (ppm) State Standard > 9.0 ppm Federal Standard > 9 ppm					Date of Maximum 8-Hour Average Concentration				
	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96
Chula Vista	5.8	5.4	4.1	5.4	5.7	11/28	9/29	12/11	12/29	11/12	3.1	3.0	2.7	3.8	3.4	12/31	11/30	11/26	12/29	1/11
El Cajon	-	5.8	5.2	5.6	6.3	-	1/6	2/18	1/8	12/2	-	-	4.1	4.3	4.0	-	1/7	12/25	12/30	12/25
Oceanside	-	2.8	3.2	6.1	4.0	-	1/2	12/8	9/17	12/19	-	-	2.3	2.9	2.6	-	1/2	12/28	1/1	1/10
Kearny Mesa	-	3.0	5.6	5.8	4.6	-	1/4	1/27	12/29	11/25	-	-	2.8	3.0	3.3	-	1/3	12/30	12/29	11/13
Curbside (Downtown SD)	6.9	7.1	7.0	7.7	10.0	1/14	12/18	1/8	10/15	1/11	4.4	6.0	4.6	5.3	6.3	1/15	12/18	12/12	11/2	11/9
Escondido	9.3	9.9	10.2	9.3	11.2	11/20	1/5	1/26	1/9	1/4	4.9	5.3	4.5	4.9	7.1	11/21	12/18	1/8	11/1	11/9
Downtown San Diego	7.2	7.1	7.7	7.5	7.9	1/14	11/29	12/17	12/30	1/12	4.6	4.6	4.8	5.4	5.4	1/14	12/18	12/27	11/1	12/15
Otay Mesa	8.8	9.0	5.4	7.7	12.4	1/13	1/4	12/8	11/14	1/12	5.9	4.9	4.0	4.6	5.8	1/14	12/19	11/26	12/16	11/13

- Monitoring discontinued

# Nitrogen Dioxide

## Annual Average and Maximum 1-Hour Concentration

San Diego County • 1996-2000

Station	Annual Average Federal Standard .053 ppm					Maximum 1-Hour Concentration (ppm) State Standard > .25 ppm					Date of Maximum 1-Hour Concentration				
	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96
Chula Vista	.017	.019	.018	.019	.019	.072	.100	.104	.109	.079	12/4	9/29	12/30	11/1	2/7
El Cajon	.022	.024	.020	.020	.021	.076	.091	.110	.111	.093	1/14	11/12	12/30	10/31	10/10
Oceanside	.017	.019	.016	.018	.017	.114	.133	.087	.106	.106	1/13	1/14	12/11	10/16	1/7
Kearny Mesa	.021	.020	.021	.022	.022	.098	.100	.080	.105	.124	1/13	10/21	12/29	3/19	11/12
Escondido	.021	.023	.018	.021	.020	.083	.100	.092	.121	.103	11/28	3/1	10/23	10/31	11/12
Alpine	.015	.015	.012	*	.012	.073	.079	.071	*	.095	1/5	11/29	7/17	1/10	1/9
Downtown San Diego	.024	.026	.023	.024	.022	.117	.122	.094	.142	.112	9/12	11/29	1/26	11/1	1/12
Camp Pendleton	.014	.014	.012	*	-	.117	.157	.085	.134	-	12/5	10/20	1/26	10/16	-
Otay Mesa	.020	.023	.021	.022	.022	.112	.172	.132	.107	.117	12/7	11/2	12/30	10/31	11/12

\* Data not representative of the year  
- Monitoring began at Camp Pendleton in 1997

# Sulfur Dioxide

San Diego County • 1996-2000

Station	Annual Average in pphm Federal Standard 3 pphm					Maximum 24-Hour Average Federal Standard 14 pphm State Standard 4 pphm					Maximum 3-Hour Average Federal Standard 50 pphm					Maximum 1-Hour Concentration in pphm State Standard 25 pphm				
	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96
Chula Vista	0.3	0.2	0.3	0.3	0.4	1.0	1.7	2.0	2.1	2.4	3.0	4.7	7.0	6.0	6.6	5	8	15	8	9
Downtown San Diego	0.4	0.2	0.3	0.3	0.3	1.0	.08	1.1	1.4	1.2	3.0	2.6	4.0	3.0	3.4	4	4	4	5	5
Otay Mesa	0.4	0.3	0.3	0.4	0.5	1.1	1.4	1.3	1.3	2.0	3.5	6.1	4.0	4.0	5.2	6	8	5	6	6

# Particulate Matter ( PM10 )

San Diego County • 1996-2000

Station	Annual Arithmetic Mean Federal Standard 50 µg/m <sup>3</sup>					Annual Geometric Mean State Standard 30 µg/m <sup>3</sup>					Maximum 24-Hour Sample Federal Standard 150 (µg/m <sup>3</sup> ) State Standard 50 (µg/m <sup>3</sup> )					Date of Maximum 24-Hour Sample				
	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96	00	99	98	97	96
Chula Vista	29	30	22	28	28	27	28	21	27	26	52	59	39	58	62	11/26	12/8	12/25	10/31	1/10
El Cajon	31	34	26	27	30	30	32	24	26	28	69	60	54	76	67	12/20	12/8	11/2	10/31	1/10
Oceanside	-	-	21	26	26	-	-	20	25	24	-	-	37	50	62	-	-	4/29	11/6	1/10
Kearny Mesa	27	28	22	25	25	25	26	21	23	23	55	56	37	47	50	5/12	7/13	7/16	4/24	1/18
Escondido	30	30	24	29	27	28	29	21	27	25	65	52	51	63	53	12/2	12/8	10/9	10/31	12/5
Downtown San Diego	34	33	26	31	27	32	31	25	29	25	65	69	46	74	92	12/2	1/6	11/20	7/3	6/14
Otay Mesa	45	52	43	47	43	42	47	39	42	39	139	121	90	125	93	11/26	2/23	7/16	10/31	8/31

- Monitoring discontinued

# Particulate Matter ( PM 2.5 )

San Diego County • 1996-2000

Station	Highest 24-Hour Concentration µg/m3					Annual Average µg/m3				
	00	99	98	97	96	00	99	98	97	96
Chula Vista	40.5	47.1	*	*	*	13.1	15.1	*	*	*
El Cajon	65.5	47.0	*	*	*	15.7	16.4	*	*	*
Kearny Mesa	48.5	43.4	*	*	*	12.4	14.1	*	*	*
Escondido	65.9	64.3	*	*	*	15.8	18.0	*	*	*
Downtown San Diego	66.3	46.9	*	*	*	15.6	17.7	*	*	*

\*Monitoring began in 1999

Attachment 5  
County Water Authority  
Draft Report on Regional  
Water Supply

## REGIONAL REPORT ON WATER SUPPLY AND INFRASTRUCTURE November 2001

### 1.0 INTRODUCTION

The purpose of this document is to present a summary of existing and projected regional water demands, supplies and facilities within the San Diego County Water Authority's (Authority's) service area. The information summarized in the report is derived from the Authority's 2000 Urban Water Management Plan (2000 UWMP) and Fiscal Year 2001-2002 Capital Improvement Program. Information contained in the report on the existing and future regional imported water supplies has been updated since adoption of the 2000 UWMP in November 2000.

### 1.1 San Diego County Water Authority and its Member Agencies

The Authority was established by the California State Legislature in 1944 to provide a supplemental supply of water as the region's civilian and military population expanded to meet wartime activities. The Authority now supplies 75 to 95% of the region's total supply. The remainder is from local supplies that are owned and operated by the local agencies within the region. The area within San Diego County, but outside the Authority's service area, is primarily rural lands and relies upon local supplies.

The Authority currently purchases imported water from Metropolitan Water District of Southern California for wholesale to its member agencies. The Authority is comprised of 23 member agencies that directly or indirectly purchase water for use at the retail level. **Figure 1** shows the Authority's service area, its member agencies, and aqueducts. A 34-member Board of Directors governs the Authority, which is comprised of representatives from each member agency. A member of the County of San Diego Board of Supervisors serves as a special representative to the Authority Board.

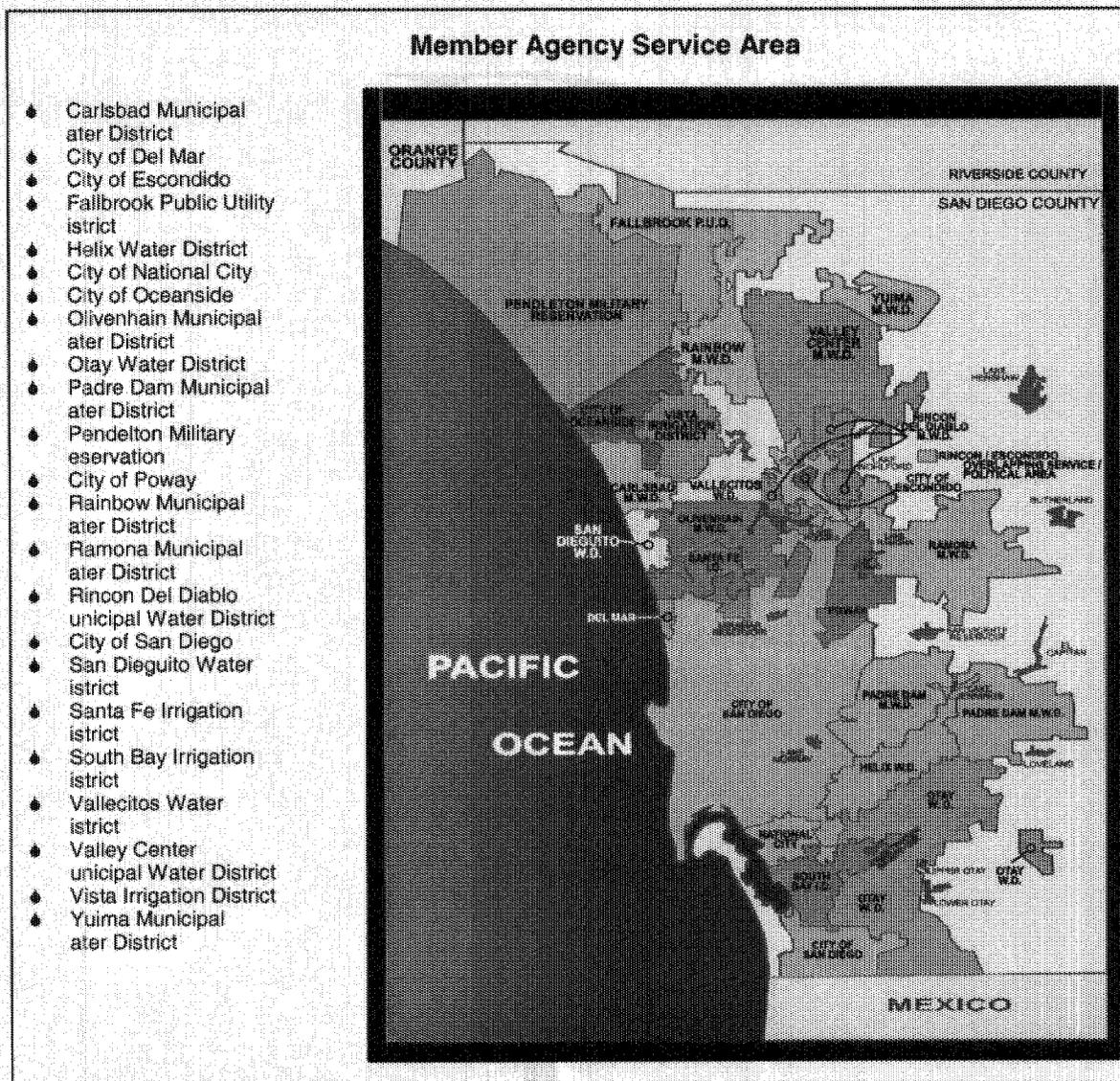
### 1.2 Historic Water Use

Water use in the San Diego area is closely linked to the local

Year	Water Use (AF)
1990	646,645
1991	585,619
1992	503,210
1993	548,673
1994	536,907
1995	526,053
1996	615,900
1997	621,739
1998	562,225
1999	619,409
2000	695,000
Source: Authority Annual Reports	

economy, population, and weather. **Table 1** shows the historic water demand within the Authority's service area. (One acre-

Figure 1



foot (AF) is equivalent to 325,850 gallons) Following the 1987-1992 drought, the Authority's service area experienced significant reductions in water use due to the economic recession, water conservation measures implemented as a result of the 1987-92 drought, and relatively plentiful rainfall.

**2.0 COOPERATIVE REGIONAL PLANNING**

## **2.1 SANDAG/San Diego County Water Authority Memorandum of Agreement**

In 1992, the Authority and San Diego Association of Governments (SANDAG) entered in a Memorandum of Agreement (MOA), which details how the two regional agencies coordinate in order to ensure the availability of water for future growth. The MOA implements the water supply component of Proposition C, approved by the voters in 1988. Proposition C required SANDAG to prepare a regional growth management strategy, including a water supply element. Under the MOA, the Authority uses SANDAG's most recent regional growth forecasts for water supply planning purposes and provides updated information on supply availability to SANDAG and its members. The MOA ensures that the water demand projections for the San Diego region are linked with SANDAG's growth forecasts and that water supply is a component of the overall growth management strategy.

## **2.2 SANDAG Regional Growth Forecast**

SANDAG's Regional Growth Forecast is done in two phases, the first being the 2020 Region-wide Forecast using the Demographic and Economic Forecasting Model. This Model produces the population, housing, employment, income and other growth related information for the entire San Diego region. The second is the 2020 Cities/County Forecast utilizing the Urban Development Model (UDM), which allocates the region wide growth to jurisdictions, communities, and other geographic areas within the region. Of the many outputs that the UDM model produces, the Authority uses the following to forecast the water needs of individual member agencies: occupied single family housing, occupied multifamily housing, total employment and employment by major industry group, persons per household, housing density, and household income.

## **3.0 WATER DEMAND FORECAST**

### **3.1 Authority Water Demand Forecast Methodology**

To forecast future Municipal and Industrial (M&I) water use, the Authority selected the IWR-MAIN (Institute for Water Resources - Municipal And Industrial Needs) computer model. M&I

demand includes residential demand and water used for commercial and industrial purposes. The Authority's version of the model, called "CWA-MAIN," utilizes demographic data from SANDAG, to generate a baseline M&I forecast. The baseline M&I forecast is then adjusted for estimated conservation savings.

In addition to the CWA-MAIN model, a new agricultural water use model has also been developed. The new model estimates agricultural demand met by Authority's member agencies based on agricultural acreage projections provided by SANDAG, crop distribution data derived from California Department of Water Resources (DWR) and California Avocado Commission, and average watering requirements.

### 3.2 Projected Water Demands

The Authority forecasts regional water demands through 2020, utilizing the SANDAG 2020 Cities/County forecast, which, in turn, is based on the Region 2020 Smart Growth Strategy.

**Table 2** shows the total projected water demand for the Authority through 2020.

**Table 2**  
**Normal Year Water Use Forecasts**  
**Adjusted for Water Conservation**  
**(2005-2020)**

YEAR	M&I BASELINE FORECAST (AF)	ESTIMATED CONSERVATION SAVINGS (AF)	M&I FORECAST REDUCED BY CONSERVATION <sup>1</sup> (AF)	AGRICULTURAL FORECAST (AF) <sup>2,3</sup>	TOTAL PROJECTE D DEMAND (AF)
2005	643,900	54,900	596,200	109,900	<b>706,100</b>
2010	693,600	74,400	628,100	105,200	<b>733,300</b>
2015	747,100	83,400	672,600	99,400	<b>772,000</b>
2020	805,800	93,200	721,500	91,500	<b>813,000</b>

Source: CWA-MAIN Forecast (July 2000)

<sup>1</sup> Includes M&I demands from Camp Pendleton Military Reservation (7,200 AF/YR in year 2005 and 8,900 AF/YR in years 2010, 2015 and 2020).

<sup>2</sup> Includes non-certified IAWP agricultural water.

<sup>3</sup> Includes agricultural demands from Camp Pendleton Military Reservation (1,600 AF/YR in year 2005 and 2,300 AF/YR in years 2010, 2015 and 2020).

### 4.0 PROJECTED SUPPLIES TO MEET DEMANDS

Following the forecast of future demands, the supplies necessary to reliably meet the existing and future demands are identified. Future supplies within the Authority's service area consist of

securing reliable imported water supplies and development of additional local supplies.

#### **4.1 Imported Water Supplies**

The Metropolitan Water District of Southern California (Metropolitan) is currently the sole source of imported water supply to the Authority. Metropolitan is a wholesale agency supplying water to its member public agencies that are located in Ventura, Los Angeles, Orange, San Bernardino, Riverside, and San Diego counties. Metropolitan obtains its water from two primary sources: Colorado River Aqueduct (CRA) and State Water Project (SWP).

##### **4.1.1 Colorado River**

Metropolitan was formed to import water from the Colorado River. During the 1930s, Metropolitan built the Colorado River Aqueduct (CRA) to convey this water. The first deliveries were made to Metropolitan member agencies in 1941.

Before 1964, Metropolitan had a firm allocation of 1.212 million acre-feet (MAF) of Colorado River water through contracts with the U.S. Department of the Interior, which was enough to keep Metropolitan's aqueduct full. However, as a result of the U.S. Supreme Court decision in Arizona vs. California, Metropolitan's firm supply fell to 550,000 AF. In recent years, Metropolitan has kept its aqueduct full through access to unused apportionments from other states or declarations of surplus water from the Department of Interior. This reduction in firm allocation is the most pressing issue Metropolitan faces regarding its Colorado River supplies.

Current Supplies. Metropolitan currently has a firm supply comprised of two sources, its 550,000 AF apportionment, and the yield of approximately 100,000 AF from a conservation program that Metropolitan completed with Imperial Irrigation District (IID) in 1988. The remaining 600,000 AF of water needed to fill the CRA must currently come from the unused apportionments of other states or from surplus water.

Future Supplies and California's Colorado River Use Plan. Metropolitan is working with other California agencies and other Colorado River Basin states to increase its river supplies and

improve its water reliability. The primary vehicle for this effort is California's Colorado Water Use Plan (Water Use Plan), which is designed to reduce California's demand on the river from an estimated 5.2 MAF to its 4.4 MAF apportionment when surplus water or other states' apportionment are not available. The Water Use Plan would provide Metropolitan additional surplus water while conservation and transfer programs are developed to reduce California demand.

One of the crucial new conservation programs identified in the Water Use Plan is the Authority's agreement with the IID for transfer of up to 200,000 AF of conserved water. (Refer to **Section 4.1.4.** on IID water transfer.) The Water Use Plan is expected to be completed by the end of 2002. It must be accepted by the other Colorado River Basin states and approved by the Department of Interior.

#### 4.1.2 State Water Project

Metropolitan's other water source, the SWP, is owned by the State of California and operated by the DWR. SWP water is pumped from the San Francisco Bay/Sacramento-San Joaquin River Delta (Bay-Delta) for delivery through the California Aqueduct. The California Aqueduct and CRA are shown on **Figure 2.**

The reliability of SWP supplies is limited by the level of SWP supply and facility development and, increasingly, by pumping restrictions due to state and federal environmental regulations. By the late 1980s, the SWP was unable to meet contractor demands during drought periods. In 1991, during the 1987-1992 drought, Metropolitan received 381,070 AF, or about 20 percent of its entitlement. SWP shortages are expected to become more frequent as demands on the system increase.



**Figure 2**  
Major Conveyance  
Facilities serving  
San Diego County

Current Supplies. Metropolitan estimates that existing SWP facilities will produce about 1.2 MAF in a dry year and 2.7 MAF a year on average. Metropolitan's proportionate share of dry year and average year SWP supplies is estimated at 600,000 AF and 1.35 MAF, respectively.

Future Supplies and CALFED Bay-Delta Program. Work being done by the CALFED Bay-Delta Program is expected to provide the greatest opportunity for SWP supply reliability and water quality improvements. The state and federal governments organized the CALFED Program in 1995 to develop a comprehensive long-term solution to the ecosystem, levee stability, water quality and water supply reliability problems affecting the Bay-Delta system. The CALFED Program began its transition from planning to implementation in June 2000 with the release of a document entitled, *California's Water Future: A Framework for Action* (Framework). The Framework, which focuses on the first seven years ("Stage 1") of what CALFED envisions to be a 30-year program, outlines a number of specific steps to improve the quality and reliability of Bay-Delta water supplies, increase the efficient use of water throughout the state, restore the Bay-Delta ecosystem, stabilize Delta levees, and foster the water transfer market. If CALFED succeeds in its mission of restoring stability to the Bay-Delta system, then the improvements called for in the CALFED Framework have the potential to increase Metropolitan's share of average SWP supplies by about 0.15 MAF, to a total of 1.5 MAF. If CALFED is not successful, and the Bay-Delta system continues to decline, then the improvements proposed in the Framework may produce little or no supply reliability or water quality improvement and Metropolitan's SWP supplies could even decrease relative to existing levels.

#### **4.1.3 Firm Water Supply from Metropolitan – Preferential Right to Water**

For many years, Metropolitan has been the sole provider of imported water to the Authority; however, circumstances have changed dramatically since the Authority joined Metropolitan in 1944. One of the key issues is the Authority's preferential right to water at Metropolitan. Under Section 135 of the Metropolitan Act, each member agency has a preferential right to water. As calculated by Metropolitan, the Authority has a preferential right to less than 15% of Metropolitan's water, but on average purchases an estimated 25% of Metropolitan's supplies. At any time under preferential rights rules, Metropolitan could allocate water without regard to

historic water use or dependence on Metropolitan. On January 30, 2001, the Authority filed a lawsuit in Superior Court to seek clarification regarding current application and legality of Section 135.

Until the preferential rights issue is resolved, the Authority must assume for planning purposes that its firm water supply from Metropolitan is limited to its preferential right to water as calculated by Metropolitan in accordance with their Act.

#### **4.1.4 The Authority-IID Water Conservation and Transfer Agreement**

On April 29, 1998, the Authority signed a historic agreement with the IID for the long-term transfer of conserved Colorado River water to San Diego County. The Authority-IID Water Conservation and Transfer Agreement will increase the reliability of the Authority's future imported water supplies.

Water transfers are typically defined as the purchase of water during a specified period from an agency or district that then reduces its water use by that amount. Under The Authority-IID Agreement, Colorado River water will be conserved by Imperial Valley farmers, who voluntarily participate in the program, and then transferred to the Authority for use in San Diego County. Imperial Valley farmers will conserve the water by employing extra-ordinary conservation measures. Deliveries into San Diego County from the transfer are expected to begin by 2003. The Authority will receive between 130,000 and 200,000 AF/YR after an initial 10-year ramp-up in the water deliveries.

The initial term of the agreement is for 45 years, with a provision that either agency may extend the agreement for an additional 30-year term. In the contract's first year, the price for the transfer water will be approximately \$250/AF. The price will be indexed to the Metropolitan rate at a discount. The discount is 25 percent for the first year, declining to a long-term value of five percent by year 17. The agreement allows for a "price redetermination" process to adjust the price to market values 10 years after the start of deliveries.

Before the transfer can be implemented, the Authority and IID must resolve a number of

contingencies. These contingencies are included in **Table 3** along with the status and estimated completion date. The estimated completion dates have been updated since adoption of the Authority's 2000 UWMP.

#### **4.1.6 Other Competitive Imported Water Sources**

Supplies from the IID water transfer and the Authority's preferential rights from Metropolitan are not sufficient to meet the initial imported water needs of the region. Therefore, the Authority must pursue additional supplies, either local and/or imported. Potential imported sources include various

**Table 3**  
**Status of Contingencies Associated with Authority-IID Agreement**

Contingency	Status	Date Complete
Secure transportation of transfer water to San Diego County.	The Authority and Metropolitan signed a water exchange agreement to allow delivery of transfer water through the CRA.	November 1998
Both agencies must complete required review and assessments of any potential environmental impacts of the water transfer.	A full environmental impact review is under way by the IID, the Authority, and USBR to assess any potential environmental impact associated with the agreement.	The EIR/EIS should be finalized and the environmental process completed by Spring 2002.
The two agencies must receive approval of the agreement from the appropriate state and federal authorities.	The Authority and the IID filed a petition for approval with the SWRCB on July 22, 1998.	SWRCB approval is expected by the end of 2002.
IID must reach voluntary agreements with Imperial Valley landowners to conserve at least 130,000 AF/YR for transfer.	IID notified the Authority that it had potential interest from landowners and tenants in conserving at least 134,000 AF of water. Additional landowners may participate upon completion of the environmental studies and development of on-farm guidelines for conservation.	October 1999

types of water transfers and/or Metropolitan supplies that may be available to the Authority.

In 1998, the Authority's Board of Directors authorized staff to prepare and distribute a request for proposal for additional transfers. The Authority has explored and will continue to explore transfer and water storage opportunities throughout California that have the potential to provide a reliable imported water supply to help meet the Authority's supplemental water needs.

In addition to transfer supplies, other imported supplies from Metropolitan may be available to the Authority. Metropolitan has recently adopted a rate structure proposal. This proposal may provide an opportunity to acquire additional supplies that could be considered firm. However, initial analysis indicates that there may be inconsistencies between supply availability promised by the rate structure proposal and preferential rights.

## 4.2 Local Water Supplies

Although imported water meets the majority of the region's needs, local resources are also an important component of the water resources mix. Local resources include demand management (water conservation) measures, surface supplies, recycled water, groundwater supplies, and in the future, desalinated seawater.

### 4.2.1 Demand Management

Demand management, or water conservation, is frequently the lowest-cost resource available to the Authority and its member agencies. The Authority and its member agencies continue to demonstrate a commitment to conserving water through implementation of the Urban Water Conservation Best Management Practices (BMPs) and Agricultural Efficient Water Management Practices (EWMPs).

Projected water savings through implementation of the BMPs are based on industry standard methodologies for calculating savings and updated demographic information from SANDAG. It is projected that the implementation of existing and proposed urban BMPs would produce water savings of approximately 93,000 AF/YR by the year 2020 within the Authority's service area.

(Table 4)

**Table 4**  
**Potential Water Conservation Savings through 2020 within Authority Service Area**

<b>Best Management Practices</b>	<b>2005 AF</b>	<b>2010 AF</b>	<b>2015 AF</b>	<b>2020 AF</b>
<b>Existing BMPs</b>				
Residential Surveys	1,100	1,100	1,100	1,100
Plumbing Retrofits	8,100	8,100	8,100	8,100
New Residential Construction	6,800	10,900	14,100	17,300
Main Line Leak Detection	13,230	18,320	18,360	19,310
Large Landscape Audits	1,400	1,600	1,900	2,200
Commercial, Industrial & Institutional	1,100	1,100	1,100	1,100
Residential Landscape	900	900	900	900
ULFT Incentives	20,800	28,280	31,240	31,240
Clothes Washer Incentives	1,000	3,000	4,000	5,000
<b>Subtotal</b>	<b>54,430</b>	<b>73,300</b>	<b>80,800</b>	<b>86,250</b>
<b>Proposed BMPs</b>				

Appliance Efficient Standards	200	560	2,060	6,400
Car Wash Retrofits	240	500	500	500
Greywater	30	40	40	50
<b>Subtotal</b>	<b>470</b>	<b>1,100</b>	<b>2,600</b>	<b>6,950</b>
<b>TOTAL</b>	<b>54,900</b>	<b>74,400</b>	<b>83,400</b>	<b>93,200</b>

#### 4.2.2 Surface Water

Seven major stream systems originate in the mountains of San Diego County and drain into the Pacific Ocean. Runoff within these watersheds has largely been developed over the last century. Twenty-four surface reservoirs are located within the Authority's service area, with a combined capacity of approximately 571,000 AF. The Sutherland Reservoir, which was completed in 1953, was the last major reservoir completed in the Authority's service area (**Section 6.0** describes work proceeding on construction of a new reservoir as part of the Emergency Storage Program). Surface water supplies represent the largest single local resource in the Authority's service area. However, annual surface water yields can vary substantially due to fluctuating hydrologic cycles. Since 1980, annual surface water yields have ranged from a low of 33,000 AF to a high of 174,000 AF. For planning purposes, local surface water supplies are assumed to have a dependable yield of 25,000 AF and a normal yield of 85,600 AF (based on a historic 24-year average).

#### 4.2.3 Water Recycling

Water recycling is defined as the treatment and disinfection of municipal wastewater to provide a water supply suitable for non-potable reuse. Non-potable reuse is the term applied to recycled water used for non-drinking water purposes. Examples range from landscape irrigation to recreational impoundments. Agencies in San Diego County use recycled water to fill lakes, ponds, and ornamental fountains; to irrigate parks, campgrounds, golf courses, freeway medians, community greenbelts, school athletic fields, food crops, and nursery stock; to control dust at construction sites; and to recharge groundwater basins. Recycled water can also be used in certain industrial processes and for flushing toilets and urinals in non-residential buildings.

There are a number of issues that local agencies have to consider when developing recycled water projects. These include economic and financial considerations, water quality, regulatory, institutional, and public acceptance. These issues, if left unresolved, can limit the amount of

wastewater that can be recycled in San Diego County.

Water recycling is an important component of the area's local water resources. A number of agencies in the San Diego region continue to implement and expand their water recycling projects.

San Diego agencies currently beneficially reuse about 13,700 AF/YR of recycled water, primarily for landscape irrigation and other industrial, and commercial uses. The region's supply of recycled water is projected to increase to about 45,100 AF/YR in 2010 and about 53,400 AF/YR in 2020. These projections were provided by the local agencies implementing the projects.

#### **4.2.4 Groundwater**

Agencies within the Authority's service area currently use about 24,000 AF of groundwater annually. In addition, private well owners also draw on local basins for their water supplies, which offset imported water demands. The amount of groundwater pumped by private wells is suspected to be significant, but has not to date been accurately quantified for the region.

Groundwater supplies in the Authority's service area are limited by both the geology and the semi-arid hydrologic conditions of the region. Additionally, irrigation with saline imported water and over pumping has led to excessive salinity in many of the most promising basins. Although groundwater supplies are less plentiful in the San Diego region than in some other areas of Southern California, such as the Los Angeles Basin, sufficient undeveloped supplies exist to help meet a portion of the region's future water needs. Because of the saline nature of the groundwater basins in San Diego County, the cost of groundwater development usually includes demineralization, which can be costly to construct and operate. However, because treated groundwater is suitable for all portable uses, groundwater recovery projects face less variation in demand than recycling projects and do not require the construction of separate distribution facilities.

Several agencies within the Authority's service area have identified potential projects that could provide an additional 35,000 AF/YR of groundwater production in the coming years. Agencies

within the Authority's service area are expected to develop close to 59,000 acre-feet of groundwater supply by the year 2020. The estimated yields from the projects that make-up this projection were provided by the local agencies implementing the projects.

#### **4.2.5 Sea Water Desalination**

Desalinated seawater is used throughout the world as a potable water supply and is sometimes described as the ultimate solution to Southern California's water supply needs. Until recently, the cost of seawater desalting has limited its large-scale application in the United States. Current projects being developed in Tampa, Florida and the island of Trinidad seem to indicate that the cost of seawater desalting may have decreased to a point where it could be considered a potential resource option for coastal areas such as San Diego County.

Processes commonly used for large-scale seawater desalination fall into two general categories: (1) thermal processes and (2) membrane processes. Thermal processes use heat to separate salt and other impurities from seawater. Membrane processes, such as RO, use pressure to force seawater through a semi-permeable membrane. As membrane technology continues to improve, RO is gaining popularity as a less costly, more energy-efficient desalination technique.

In light of this renewed interest, the Authority developed a three-part action plan. The plan consisted of examining partnership opportunities with the city of Carlsbad for implementation of a potential seawater desalination facility adjacent to the Encina Power Plant in Carlsbad; initiating discussions with interested parties on seawater desalination opportunities near the South Bay Power Plant in Chula Vista; and conducting a study of other potential locations where seawater desalination facilities could be developed on a regional scale. Since approval of the action plan, the Authority has executed a letter of intent with Poseidon Resources, Inc to evaluate the feasibility of developing a seawater desalination project near the South Bay Power Plant. Poseidon has also recently completed a feasibility study for the Carlsbad project, which showed the costs to be competitive with development of other local supplies. The Authority is evaluating the results and potential partnership opportunities.

While the Authority is cautiously optimistic about the potential of seawater desalination, there are issues and environmental obstacles that will affect the development of any project. First, most of the San Diego County coastline is protected by restrictions on land-use because of the coast's environmental sensitivity. Second, when siting a seawater desalination facility, consideration must be given to its proximity to existing pipelines and distribution systems. A large-scale coastal desalination plant would require a significant pipeline and pumping system to move the water inland to the Authority's aqueducts. And finally, brine concentrate, produced when fresh water is removed from seawater, must be disposed of in an environmentally sensitive manner. These issues, though not insurmountable, must be addressed before any large-scale desalination project can be considered. In order to take advantage of economies of scale, it is likely that the minimum anticipated size of a seawater desalination facility would be

approximately 25,000 AF and potentially on-line by 2020.

#### 4.3 Summary of Projected Water Supplies

In summary, development of the projected mix of imported and local resources to meet future demands was based on the following factors:

- Projected water demands forecasted utilizing SANDAG 2020 Cities/County Forecast
- Local agency input into future projected water recycling and groundwater supplies
- Authority staff technical evaluations of potential new supplies (i.e., seawater desalination)
- Previous actions taken by the Authority Board of Directors regarding imported supplies

**Table 5** provides the projected imported and local supplies in an average year. (Refer to the Authority's 2000 UWMP for additional and detailed information on derivation of the projected local and imported water supplies contained in the proposed resource mix.)

**Table 5**  
**Average/Normal Water Year Assessment (AF/YR)**

	2005	2010		2015		2020	
		Min. IID Transfer	Max. IID Transfer	Min. IID Transfer	Max. IID Transfer	Min. IID Transfer	Max. IID Transfer
<b>Local Supplies</b>							
Surface Water	85,600	85,600	85,600	85,600	85,600	85,600	85,600
Water Recycling	33,400	45,100	45,100	51,800	51,800	53,400	53,400
Groundwater	31,100	53,500	53,500	57,500	57,500	59,500	59,500
Seawater Desalination	0	0	0	0	0	25,000	25,000
<b>Imported Supplies</b>							
IID Water Transfer	60,000	130,000	160,000	130,000	200,000	130,000	200,000
Firm Supply from Metropolitan <sup>1</sup>	344,800	368,100	368,100	386,400	377,100	403,400	389,500
Other Competitive Imported Sources	151,200	51,000	21,000	60,700	0	56,100	0
<b>TOTAL PROJECTED SUPPLIES</b>	<b>706,100</b>	<b>733,300</b>		<b>772,000</b>		<b>813,000</b>	

<sup>1</sup>Firm supply from Metropolitan is based on the Authority's preferential right at Metropolitan and Metropolitan's total projected firm supply of 2.1 MAF/YR. Depending on the amount of IID transfer deliveries, firm supplies from Metropolitan can be up to the Authority's preferential right.

## **5.0 DROUGHT MANAGEMENT**

### **5.1 Background – 1987-1992 Drought**

The last major drought in California occurred between 1987 and 1992 and caused severe water supply shortages throughout the state. During early March 1991, at the peak of the drought, Metropolitan's SWP supplies were reduced by 90 percent. Subsequently, Metropolitan voted to impose a 50% reduction in imported deliveries to the Authority. The results of Metropolitan's cutback would have been devastating to the Authority's businesses and residents except for the "miracle" March rainfall that occurred later that month. These rains allowed the SWP to reduce its level of cutback to 80%, and Metropolitan later rolled back its call for reduction from 50% to 31%. Even at this level the Authority was impacted much more than other Metropolitan members, because of its high dependence upon imported supplies from Metropolitan. Other Metropolitan member agencies with more local supplies, particularly groundwater agencies faced retail cutbacks of only 10 to 20 percent.

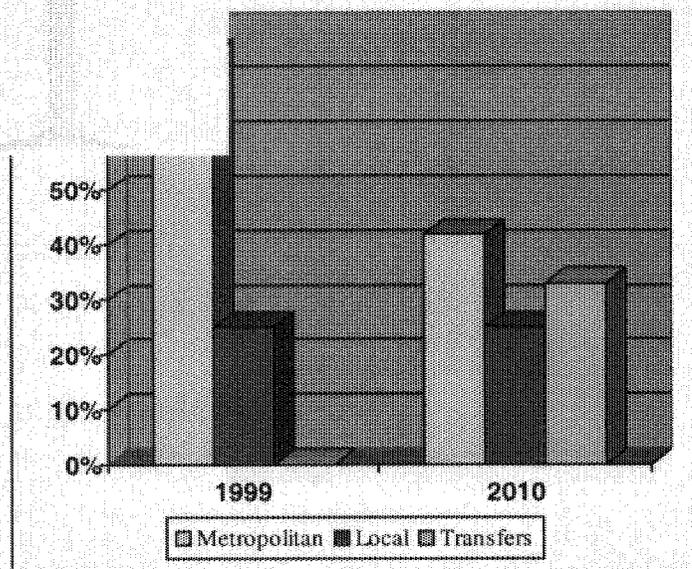
**5.2 Plan for Diversifying Supplies**

The Authority responded to the 1987-92 drought by developing a comprehensive plan to diversify the regions' water supply. The plan has been updated in recent years to reflect the expanded potential for transfers and development of local supplies.

The graph shown in **Figure 3** illustrates how the Authority plans to diversify the regions supply and reduce dependence upon Metropolitan through the development of potential local supplies and water transfers.

During dry years, when water availability is low, the conserved water from the Authority-IID transfer will be transferred under IID's Colorado River rights, which are among the most senior in the Lower Colorado River Basin. Water recycling projects also provide an excellent "drought-proof" supply of water that is available when other supplies may be reduced. In addition, the Authority is currently constructing an Emergency Storage Project that provide supplies that can be utilized in a prolonged drought situation or other catastrophic event. (Please refer to Section 6.1 for further details.) Combining transfers, water recycling, groundwater supplies, emergency storage yield, and potential seawater desalination, the region will have reduced dependence upon a single source and have a mix of supplies that will provide increased reliability in normal years and drought situations.

**Figure 3**  
**Diversification of Authority's Supply**  
**Current and Projected Sources**



### **5.3 Metropolitan Water Surplus and Drought Management Plan**

Over the next five to ten years, the Authority will continue to import the majority of its water supply from Metropolitan. In 1999, Metropolitan adopted a Water Surplus and Drought Management Plan (WSDM Plan). The guiding principle of the current WSDM Plan development is to manage Metropolitan's water resources and water management programs to minimize adverse impacts of water shortages to retail customers. The draft WSDM Plan states that in an extreme shortage situation, Metropolitan would implement an allocation plan. The methodology for allocating imported water supplies in an extreme shortage condition has not yet been adopted by the Metropolitan Board.

The Authority is obliged by statute to provide its member agencies with adequate supplies of water to meet their increasing and expanding needs. The Authority is engaged in planning to meet those needs as set forth in its 2000 UWMP. Currently the majority of supplies within the region are imported from Metropolitan. As Metropolitan supply reliability becomes clarified, the Authority will be able to better predict Metropolitan's actions in a shortage situation. The Authority will then be in a better position to develop a water shortage management plan following resolution of the preferential rights issue and Metropolitan's adoption of a new rate structure and WSDM allocation formula. Under the Authority Act, in a shortage, the Authority is responsible for allocating available supplies based on the greatest public interest and benefit.

## **6.0 AUTHORITY'S CAPITAL IMPROVEMENT PROGRAM**

The Authority's Capital Improvement Program's (CIP) projects will improve aqueduct operations and the reliability of water deliveries to member agencies. The projects can be categorized into four main areas: Emergency Storage Project, Aqueduct Systems Enhancement, Operations and Maintenance Projects, and Planning Studies.

### **6.1 Emergency Storage Project**

Approved by the Authority's Board of Directors in 1998, the Emergency Storage Project (ESP) encompasses a system of reservoirs, pipelines, and other facilities that will work together to store and move water around the county in the event of a natural disaster and extreme drought conditions. This will reduce the risk of potentially catastrophic damages that could result from a prolonged interruption of imported water. The additional reservoir capacity in the ESP is projected to meet the county's emergency storage needs through at least 2030.

The facilities that make up the ESP will be located throughout San Diego County and include:

- A new, 308-foot-high dam creating the 24,000 acre-foot Olivenhain Reservoir in inland North County. This project is being developed in cooperation with Olivenhain Municipal Water District, a one-sixth partner. Construction on the dam is expected to be complete by 2003.
- Large-diameter pipelines to connect the new Olivenhain Reservoir to both Lake Hodges and the Authority's Second Aqueduct. The pipelines will measure 5 miles combined. Construction began in 2000 and is expected to be complete by 2006.
- Modifications to the existing San Vicente Dam in East County, which will be raised 54 feet so that an additional 52,100 acre-feet of water can be stored in the San Vicente Reservoir. This project is scheduled for construction from 2008 to 2010.
- A large-diameter pipeline to connect San Vicente Reservoir to the Authority's Second Aqueduct, 12 miles away. Construction is expected to begin in 2002 and to be complete in 2005.
- Six additional pumping stations and other facilities that will move water within the system to meet emergency water needs. These facilities are expected to all be in place

by 2007.

In addition to these major facilities, the ESP includes environmental protection measures, recreational facilities, and enhanced water delivery control systems. All phases of the project are expected to be complete and operational by 2010. The total cost is currently estimated at three-quarters of a billion dollars.

### **6.2 Aqueduct Systems Enhancement**

Several projects will enable the Authority to delivery additional water, increase the flexibility of the aqueduct system, or relocate sections of existing pipeline from areas that have changed in ways that impact the pipeline. They include the following:

- The six-mile Moreno-Lakeside Pipeline will connect the Authority's First Aqueduct to the R.M. Levy Water Treatment Plant (Levy Plant). The Levy Plant, operated by the Helix Water District, will provide an additional 60 million gallons per day of untreated water for treatment at the Levy Plant. The pipeline is expected to be complete in 2002.
- The conversion of a 21-mile long section of Pipeline 4, beginning in Twin Oaks Valley north of San Marcos and ending in Mira Mesa, will convert an untreated pipeline to a treated pipeline. When complete, both pipelines 3 and 4 in this area will carry treated water, increasing the quantity of treated water that can be delivered to northern and central areas of the county. Construction is expected to be complete in 2001.
- The Twin Oaks Valley Diversion Structure, a covered reservoir north of San Marcos, will hold up to 22 million gallons of water, and will be connected to the Authority's Second Aqueduct. By storing water that backs up in the pipelines when member agencies decline water already in route, the reservoir will prevent undesirable water pressure surges. It will also enable Pipeline 5 to the south to operate as a pressurized pipeline so that the flow of water can be reversed if necessary. Construction began in 1999 and is expected to be complete in 2001.

- Approximately 1,000 feet of pipelines 3 and 4 will be relocated from Bradley Park, a municipal park developed on top of an abandoned landfill in San Marcos. This will simplify routine maintenance of the pipelines and extend their service life. Construction is slated for 2002.
- The planned Pipeline 6 will extend nearly 12 miles from the San Luis Rey River in North County south to the Twin Oaks Valley Diversion Structure north of San Marcos. It will increase the amount of untreated water delivered to the county. Metropolitan will construct a new pipeline that will connect the northern end of Pipeline 6 to Lake Skinner in Riverside County where imported water is stored. This project is currently scheduled for construction from 2005 to 2008.

### **6.3 Operation and Maintenance Projects**

For the next 10 years, numerous small facilities will be constructed to improve the operation of the aqueduct system. New flow control facilities are needed in some areas to deliver water from Authority pipelines to the distribution systems operated by member agencies. Pumping stations will be constructed in low-lying areas to maintain adequate flows to higher elevations, or to allow the flow of water to be reversed if needed. Pressure control facilities will be constructed to maintain adequate water pressure in the system. Additional valves will allow the Authority greater control over the flow of water. New meters will enable the Authority to record the amount of water received by member agencies more accurately. The new facilities include the following:

- Fallbrook 3 and Rainbow 1 Flow Control Facility Upgrade
- Fallbrook 6 and DeLuz 1 Flow Control Facility Throttling Valve Structure
- Miramar Pumping Station Rehabilitation
- Miramar Pumping Station Valve and Meter Vaults
- Ramona Reservoir Bypass
- Rancho Peñasquitos Pipeline Pressure Control Facility
- Vallecitos 9 Flow Control Facility Relocation
- Valley Center Pipeline Pumping Station

Ongoing preventive maintenance projects are also a part of the CIP, and are intended to prolong the service life of the aqueduct system. The projects include the Aqueduct Protect Program, the replacement/relining of existing prestressed concrete cylinder pipes, and other operational enhancements and system modifications.

#### **6.4 Planning Studies**

The Authority is actively planning for future water demand within its service territory. The Regional Water Facilities Master Plan identifies what regional water facilities will be needed to serve San Diego County through 2030. Facilities identified through this planning process may become part of the CIP when the CIP is updated to extend beyond 2010.

The Regional Colorado River Conveyance Feasibility Study, being undertaken by the Authority and the Mexican government, will provide technical data useful in assessing the cost-effectiveness of a binational aqueduct and related water treatment and storage facilities. If built, the aqueduct would deliver to San Diego County water transferred from the IID. The study is expected to be complete by the end of 2001.

Attachment 6  
Lists of City Mitigated  
Negative Declarations,  
Addendums to MND's and  
EIR's  
1991-2000

## ADDED ENVIRONMENTAL IMPACT REPORTS - EAS PARADOX LISTING

40-0212	DEL MAR MESA SUBAREA PLN AM		ADEIR	4/4/00
40-0259	EARL THOMAS RESERVOIR NA		ADEIR	11/22/00
40-0529	WEST CLUSTERS @ BLACK MT. RANCH BM		ADEIR	
40-0747	LA JOLLA COMMUNITY PLAN UPDATE LJ		ADEIR	
40-0803	MID-CITY (CITY-HTS)PLAN AMENDMENTS MC		ADEIR	10/2/00
41-0109	ROBINHOOD RIDGE OM		ADEIR	
89-1051	ADDEN.PT. LOMA SHORELINE PROTECTION PE		ADEIR	9/6/1989
89-1391-2	CORAL GATE		ADEIR	10/6/1992
90-1128	LA JOLLA PINES TECH CENTRE LOT 7 LJ		ADEIR	2/13/1992
91-0154	SCRIPPS MIRAMAR RANCH LIBRARY SR		ADEIR	3/8/1991
91-0619	RANCHO LA CRESTA /ADDENDUM SR		ADEIR	8/9/1991
91-0622	SEAWORLD MAIN GATE RELOCATION MP		ADEIR	3/30/1992
91-0665-2	SORRENTO VALLEY UTILITIES TP		ADEIR	7/7/1992
91-0791	REUBEN H FLEET SPACE THEATRE BP		ADEIR	11/12/1991
92-0138	EAST MESA/BALBOA PARK PRECISE PLAN BP		ADEIR	5/5/1992
92-0289-2	BAJA-MEX INSURANCE SERVICES SY		ADEIR	9/25/1992
92-0296	CREEKVIEW SOUTH PARCELS 23 THRU 27 SS		ADEIR	7/20/1992
92-0301	ALLRED-COLLINS WEST/AMENDMENT SM		ADEIR	4/30/1992
92-0305	OAK WEST PARKING OM		ADEIR	10/26/1992
92-0320	CREEKVIEW SO PARCELS 23-27 SS		ADEIR	7/20/1992
92-0327	THE NEUROSCIENCES INSTI/PARK LOT 2 UN		ADEIR	9/24/1992
92-0387	EAST SCHOOL & PARK SITES SWITCH MR		ADEIR	6/17/1992
92-0399	SCRIPPS NORTH PARKWAY WIDENING MR		ADEIR	7/31/1992
92-0471	DIXON AMENDMENT SY		ADEIR	11/1/1992
92-0496	SCRIPPS RANCH NORTH UNIT 4 LOT 119 MR		ADEIR	10/12/1992
92-0501	X SCRIPPS CHILD CARE CTR/PARKING UN		ADEIR	9/24/1992
92-0522	SCRIPPS NORTH PARKWAY (8A) SR		ADEIR	8/26/1992
92-0602	X LJ CANCER RESEARCH FOUN TEMP PKG UN		ADEIR	10/30/1992
92-0608	X PARK IN THE VALLEY MV		ADEIR	12/21/1992
92-0642	X MEX-CAL TRUCK LINE OM		ADEIR	10/26/1992
92-0651	SOLAR TURBINES REZONING KM		ADEIR	11/5/1992
92-0681	P.S. 65 (CARMEL VALLEY TRUNK SEWER) TP		ADEIR	4/13/1993
93-0061	SCRIPPS RANCH VILLAGES INFO CENTER MR		ADEIR	2/26/1993
93-0269	SEA WORLD IMPROVEMENTS MB		ADEIR	5/20/1993
93-0358	HAZARD CENTER EAST PHASE II MV		ADEIR	12/20/1993
93-0381	XGREENHOUSE/TRANSGENIC PLANT FAC UN		ADEIR	9/14/1993
93-0534	HAZARD CENTER EAST PHASE II MV		ADEIR	1/20/1994
93-0670	X CASAS TRAILER PARK #2 OM		ADEIR	12/13/1993
93-0674	X HIRSHAL TRUCK PARKING OM		ADEIR	12/17/1993
94-0073	FUA AMENDMENT CV		ADEIR	1/20/1994
94-0088	ADD./ALVAR. WTR FILTRATION PLANT NA		ADEIR	5/20/1994
94-0103	SUNLAND SCRIPPS UNIT 3 MN		ADEIR	2/15/1994
94-0163	X OTAY INTL CTR TRUCK PARK & STORAGE OM		ADEIR	3/2/1994
94-0167	MBM WEST III MV		ADEIR	5/4/1994
94-0168	X HYUNDAI PARKING/STORAGE FACILITY OM		ADEIR	3/9/1994
94-0204	TORREY PINES EXHIBIT HALL UN		ADEIR	5/2/1995
94-0546	RIVER TRAIL ON		ADEIR	6/4/1996
94-0550	LIGAND PHARMACEUTICALS UN		ADEIR	11/1/1994
94-0557	NORTH METRO INTERCEPTOR SEWER		ADEIR	10/14/1994
94-0581	DEPOTECH UN		ADEIR	12/1/1994
94-0625	LA JOLLA/PACIFIC BEACH COM. PLAN PB		ADEIR	11/9/1994
94-0638	FUA AMENDMENT #2 FU		ADEIR	11/23/1994
95-0173-2	-1 BLACK MOUNTAIN RANCH II AM.		ADEIR	1/23/1997
95-0191	LA JOLLA INSTITUTE FOR ALLERGY (EX) UN		ADEIR	3/28/1995
95-0249	CENTRATE PIPELINE/FIRP NAS MIRAMAR NA		ADEIR	5/26/1995
95-0319	STONECREST PLAZA SM		ADEIR	8/1/1995
95-0388	CARMEL OAKS UNIT 1 CV		ADEIR	8/22/1996
95-0560	SKAGGS MNR CENTER ADDITION UN		ADEIR	12/6/1995
95-0632	AMEND. TO CODE SECTION 101.0510 C1N CW		ADEIR	11/17/1995
95-0673	ZONING ORDINANCE AMENDMENT CW		ADEIR	12/21/1995
95-0675	NCWRP - ODOR & DISINFECTION UN		ADEIR	12/26/1995
96-0116	LFG PIPELINE TO NCWRP NA		ADEIR	2/16/1996
96-0146	POINT LOMA TRAILERS II PE		ADEIR	6/12/1996
96-0164	PLWTP MASTER PLAN EIR ADDENDUM		ADEIR	2/23/1996
96-0240	CARMEL VALLEY NEIGHBORHOOD 10 AMEND CV		ADEIR	3/20/1996
96-0332	STONECREST VILLAGE: PA 3A KM		ADEIR	9/19/1996

## ADDED ENVIRONMENTAL IMPACT REPORTS - EAS PARADOX LISTING

96-0456	HYATT AVENTINE EXPANSION PROJECT	UN	ADEIR	11/1/1996
96-0481	PT LOMA PARKING BOILER GUF UPGRADE	PE	ADEIR	9/25/1996
96-0561	CARMEL VALLEY NEIGHBORHOOD 10 NORTH CV		ADEIR	1/31/1997
96-0664	NCWRP - DEMINERALIZATION FACILITY	MM	ADEIR	11/6/96
96-0664-1	NCWRP DEMINERALIZATION UN		ADEIR	11/8/1996
96-0675	STONECREST VILLAGE PA 7 KM		ADEIR	1/21/1997
96-0732	STONECREST VILLAGE PA 2A-2B	KM	ADEIR	2/20/1997
96-0738	LIGAND PHARMACEUTICALS INC.	UN	ADEIR	2/25/1997
96-0743	QUALCOMM BUILDING AA	UN	ADEIR	4/30/1997
96-7156	PT LOMA WTP NORTH OPS BUILDING	PE	ADEIR	7/31/1997
96-7286	DEL MAR ESTATES	CB	ADEIR	10/9/1997
96-7548	WESTVIEW UNITS 2 3 & 10	MM	ADEIR	4/12/1999
96-7570	FRAMEWORK PLAN AM-GATED COMMUNITIES		ADEIR	6/12/1997
96-7580	LA JOLLA REZONES		ADEIR	7/11/1997
96-7585	TELE/COM CENTER		ADEIR	1/12/1998
96-7730	STONECREST VILLAGE-PLNG AREA 2C	KM	ADEIR	11/20/1997
96-7758	AMC 24-PLEX AT PALM PROMENADE		ADEIR	12/30/1997
96-7767	JOHNSON PHARMACEUTICAL RESEARCH	UN	ADEIR	12/24/1997
96-7887	STONECREST VILLAGE PLANNING AREA 4	KM	ADEIR	1/30/1998
96-7897	REVISIONS TO LAND DEVELOPMENT CODE		ADEIR	11/10/1997
96-7912	STONECREST VILLAGE PLANNING AREA II	KM	ADEIR	2/9/1998
96-7916	PT LOMA MAINTENANCE EXPANSION	PE	ADEIR	2/4/1998
96-7937	STONECREST VILLAGE AREA 10 A & B	KM	ADEIR	2/9/1998
96-7939	CARRAMERICA SPECTRUM	UN	ADEIR	5/15/1998
96-7944	STONECREST VILLAGE UNIT 2 LOTS 5&6	KM	ADEIR	3/13/1998
96-7988	KEYSTONE BANKERS HILL	UP	ADEIR	5/26/1998
98-0002	DENNERY RANCH	OM	ADEIR	8/15/00
98-0130	ALVARADO WATER FILTRATION PLANT	NA	ADEIR	3/30/1998
98-0200	CARMEL VALLEY NEIGHBORHOOD 8C	CV	ADEIR	7/14/1998
98-0211	DENNERY RANCH	OM	ADEIR	9/21/1999
98-0239	USD NORTHEAST STUDENT HOUSING	LV	ADEIR	10/13/1998
98-0257	O'BRIEN RESIDENCE	CV	ADEIR	7/17/1998
98-0395	BRIDGE POINTE CENTRE AT EASTGATE	UN	ADEIR	6/29/1998
98-0550	TORREY RESERVE COMM. DEVELOP		ADEIR	8/18/1998
98-0678	LOT B (RIO VISTA WEST)	MV	ADEIR	11/16/1998
98-0683	TIJUANA RIVER VALLEY LCP(MSCP)	TJ	ADEIR	7/14/1998
98-0757	RIO VISTA WEST AMENDMENT	MV	ADEIR	11/5/1998
98-0860	MISSION BAY SHORELINE PROTECTION	MB	ADEIR	3/9/1999
98-0912	VILLAS AT STALLIONS II	F2	ADEIR	10/27/1998
98-1123	235 ON MARKET STREET	BL	ADEIR	3/5/1999
98-1186	CARMEL VALLEY 8C HAUL ROAD	CV	ADEIR	12/18/1998
99-0212	PENASQUITOS VILLAGE	PQ	ADEIR	7/15/1999
99-0279	DEL MAR HILLS DRIVE STREET VACATION	CV	ADEIR	3/26/1999
99-0399	CARMEL ESTATES	CV	ADEIR	10/14/1999
99-0509	SAN DIEGO SPECTRUM	GH	ADEIR	7/6/00
99-0513	SBWRP EXPANSION (14 TO 15 MGD)	TJ	ADEIR	5/27/1999
99-0686	TORREY HILLS UNIT 7		ADEIR	8/30/1999
99-0817	SCRIPPS GATEWAY TOWNHOMES	MR	ADEIR	3/1/00
99-0827	COSTCO GAS STATION	MV	ADEIR	5/24/00
99-1027	SCRIPPS GATEWAY BUSINESS PARK	SR	ADEIR	5/1/00
99-1054	EAST CLUSTERS @ BLACK MOUNTAIN RCH	BM	ADEIR	
99-1059	ASHLEY FALL NEIGHBORHOOD PARK	CV	ADEIR	12/21/1999
99-1161	SOUTH VILLAGES@BLACK MT. RANCH	BM	ADEIR	3/16/00
99-1211	CARMEL OAKS UNIT 1	CV	ADEIR	
99-1213	SAN PASQUAL H20	SP	ADEIR	6/26/00
99-1269	SAN DIEGO SPECTRUM	KM	ADEIR	7/6/00
99-1329	TORREY SURF NORTH	CV	ADEIR	
99-1341	SCRIPPS GATEWAY	MR	ADEIR	8/18/00
99-1364	FAIRBANKS SUMMIT	BM	ADEIR	1/25/01

## OTHER CITIES

Belmont, NC Regulating Ordinance (Draft)  
Chula Vista Municipal Code  
Chicago Planned Development Handbook  
Coronado Municipal Code  
Del Mar Zoning Ordinance  
El Cajon Zoning Ordinance  
Escondido Subdivision and Zoning Code 1991  
Fairfax County, VA Development Process  
Florida Land Development Code  
Florida Land Development Regulations  
    Technical Assistance Manual  
Fort Collins, Colorado Land Development  
    Guidance System  
Imperial Beach Zoning Ordinance  
King County Draft Zoning Code 1990  
King County Final Zoning Code 1991  
King County Zoning Code Revision Project  
Longmont, CO Development Procedure  
Miami Beach Zoning Ordinance  
Oceanside Zoning Ordinance  
Overview and Preliminary Evaluation Part 1  
Paradise Land Use and Environmental Litigation  
Pittsburg, CA Zoning Ordinance  
Poway Zoning Development Code  
San Diego County Land Use Information  
San Diego County Subdivision Ordinance  
San Diego County Zoning Ordinance  
San Marcos Zoning Ordinance  
Santa Clara Zoning Ordinance  
Santa Cruz Zoning Ordinance  
Santa Monica Zoning Ordinance  
Santee Zoning Ordinance  
Torrance Municipal Code



41-0091	SCIENCE AND TECHNOLOGY CENTER LV	MND	3/8/01	90-0540	MISSION BAY SEWAGE INTERCEPTOR V	MB	MND	11/13/1992
41-0093	VOLTAIRE MIXED USE PE	MND		90-0607	ST WILLIAM OF YORK CV		MND	1/6/1992
41-0187	GROUP JOB 681 UP	MND		90-0661	GROUP JOB 95 PB		MND	7/24/1990
41-0286	PUMP STATION 27 LJ	MND		90-0766	CARMEL KNOLLS PARK		MND	
41-0302	WATER GROUP 537 CC	MND		90-0787	J PB		MND	11/15/1991
41-0304	SEWER GROUP 706 MC	MND		90-0788	ENCANTO TRUNK SEWER BL		MND	10/7/1991
41-0310	MARTIN RESIDENCE OB	MND		90-0792	VALENCIA PARK TRUNK SEWER SE		MND	3/24/1992
41-0338	SEWER & WATER GROUP 640	MND		90-0835	COAST WALK ON		MND	10/2/1991
85-0653	BALBOA PARK AQUACULTURE FACILITY BP	MND	4/7/1986	90-0840	MIDDLETOWN TRUNK SEWER UP		MND	12/6/1990
87-0217	PUMP STATION 64 FORCE MAIN SH	MND	6/10/1987	90-0929	CHOLLAS PUMP OVERHALL SHOP MC		MND	3/28/1991
87-0497	MORENA BLVD. TRUNK SEWER CL	MND	9/30/1988	90-0961	PUMP STATION 24 LJ		MND	8/31/1995
87-0627	HOLLISTER ST. AGRICULTURAL PERMIT TJ	MND	6/6/1990	90-0979	PETERS LOT SPLIT NA		MND	9/12/1991
87-0914	NORTH MISSION VALLEY INTER. SEWER MV	MND	8/21/1989	90-1014	PUMP STATION #20 FORCE MAIN LJ		MND	12/4/1990
87-1079	WABASH TRUNK SEWER GH	MND	9/21/1988	90-1056	VOLTAIRE CENTER PE		MND	3/24/1992
88-0234	HOME AVENUE TRUNK SEWER MC	MND	12/5/1991	90-1096	GROUP JOB 468 *		MND	4/19/1991
88-0710	SOUTH CHOLLAS VALLEY TRUNK SEWER MC	MND	8/27/1990	90-1125	AUSTIN LOTS 1 AND 3 TP		MND	3/1/1993
88-0711	MISSION BAY SEWER INTERC. SEWER I PB	MND	10/3/1989	91-0024	LOGAN HEIGHTS HEALTH CENTER BL		MND	4/7/1992
88-0719	DUILZURA CONDUIT	MND	10/7/1991	91-0066	TAYLOR BRANCH LIBRARY(PB) PB		MND	5/13/1991
88-1082	GROUP JOB 458 BL	MND	3/21/1989	91-0093	GROUP JOB 628 SE		MND	5/25/1995
88-1094	FRIARS ROAD BRIDGE NA	MND	4/16/1991	91-0099	CENTRAL DIVISION POLICE STATION SE		MND	9/11/1991
88-1291	POINT LOMA PARKING LOT PE	MND	10/25/1989	91-0103	SD YOUTH AQUATIC CTR PIPELINE PROJ MB		MND	2/21/1991
89-0212	WARING ROAD PUMP STATION NA	MND	6/6/1991	91-0104	GARDINER RESIDENCE UP		MND	5/6/1991
89-0276	GROUP JOB 72 (MISSION HILLS) UP	MND	3/8/1996	91-0110	DONAS/DAHLIA ST.'S STORM DRAIN OM		MND	4/29/92
89-0277	GROUP JOB 80 (MISSION HILLS) UP	MND	3/8/1996	91-0120	CARMEL MTN RANCH - AM/RZ CM		MND	1/10/1992
89-0332	7792 SENN WAY LS	MND	5/22/1990	91-0122	DARBY DOWNS CV		MND	12/31/1991
89-0430	GROUP JOB 463 CITY IMPROVEMENT CC	MND	7/20/1989	91-0146	NORTHERN WILDLIFE RESERVE SIDEWALK MB		MND	10/24/1991
89-0576	MISSION BAY SEWER INTER. #57 PB	MND	6/7/1989	91-0151	BETHEL BAPTIST CHURCH SE		MND	8/20/1991
89-1043	OLD COACH CREEK TRAIL REVISION RB	MND	4/2/1993	91-0229	DOBSON RESIDENCE LJ		MND	2/2/1993
89-1044	BONITA PIPELINE PH	MND	2/22/1991	91-0232	CMR UNIT 18 CM		MND	11/13/1991
89-1104	PUMP STATION NO.10 OB	MND	8/2/1990	91-0234	SAN FERNANDO STREET LDP PE		MND	8/1/1991
89-1107	ROCK BARRIERS RB	MND	7/31/1991	91-0251	SABRE SPRINGS PARCEL 1 SS		MND	7/25/1991
89-1258	LAGO VISTA SS	MND	1/5/1993	91-0258	COLLIER AVENUE MC		MND	1/22/1992
89-1273	MISSION BAY SEWER INTERCEPTOR II OB	MND	6/21/1991	91-0264	TERRASANTA WATERLINE TI		MND	12/13/1991
89-1351	PLWTP MAINTENANCE BUILDING PE	MND	10/4/1990	91-0280	HOFER RANCH ESTATES ON		MND	8/7/1991
89-1358	LA JOLLA SHORES PIPELINE NO. 2 LS	MND	8/2/1993	91-0327	GROUP JOB 97 PB		MND	5/14/1991
89-1359	65TH AND HERRICK WATER PUMP PLANT SE	MND	6/11/1996	91-0330	SABRE SPRINGS 28 AND 29 SS		MND	8/10/1993
90-0084	GROUP JOB 466 & 466A CC	MND	2/22/1990	91-0335	PALOMAR LJ		MND	1/13/1992
90-0092	SHELL OIL STATION ON	MND	11/23/1993	91-0346	AHMADI TP		MND	4/7/1992
90-0136	LOUGEAY'S SUNDOWNER CV	MND	7/19/1993	91-0385	POMERADO TRUNK SEWER (PETS) II SS		MND	7/15/1991
90-0152	GROUP JOB 478 MC	MND	2/21/1990	91-0399	OTAY LA MEDIA OM		MND	1/23/1992
90-0160	DEL MAR HEIGHTS I CV	MND	8/27/1990	91-0476	PARKHAVEN APARTS. FOOTHILL RD. SY		MND	8/18/1991
90-0203	SHELTER ISLAND SEWER IMPROVEMENTS PE	MND	1/7/1991	91-0481	PUMP STATION NO. 43 MP		MND	10/14/1991
90-0209	ACCELERATED SLUDGE FORCE MAIN PE	MND	7/12/1990	91-0493	BELLE VUE DEVELOPMENT LJ		MND	12/16/1991
90-0210	CROWN POINT TRUNK SEWER PB	MND	6/13/1991	91-0504	OCEAN BEACH GATEWAY OB		MND	10/15/1992
90-0270	GROUP JOB 96 PB	MND	6/25/1991	91-0510	CARMEL VALLEY NEIGH.6 UNIT 10 CV		MND	4/29/1992
90-0275	GROUP JOB 470 LV	MND	12/16/1991	91-0512	BLUE SEA LODGE MB		MND	12/16/1991
90-0277	GROUP JOB 476 AND 477 MC	MND	2/28/1991	91-0518	VISTA CONDOMINIUMS LV		MND	1/31/1992
90-0469	GROUP JOB 93 PB	MND	7/24/1990	91-0553	CHATEAU NORD CV		MND	10/28/1991
90-0485	GROUP JOB 508 MC	MND	3/10/1992	91-0557	VILLA SERENA OB		MND	2/12/1993



94-0075	GROUP JOB 473	GH	MND	4/5/1994	94-0621	SPANOS RESIDENCE	LJ	MND	3/10/1995
94-0078	OTAY MESA TRUCK ROUTE	OM	MND	3/8/1994	94-0623	BAME RV		MND	6/19/1995
94-0080	MM PRESBYTERIAN CH ADD & RENOVATION(MM)		MND	8/10/1994	94-0663	GROUP JOB 529 & 530	PE	MND	5/19/1995
94-0089	MIRAMAR RANCH NORTH CP AMENDMENT	MR	MND	2/21/1995	94-0664	SEWER PUMP STATION NO. 22	LJ	MND	1/26/1996
94-0095	CHILDREN'S HOSPITAL CHILDCARE CENTR	KM	MND	7/21/1994	94-11	SAN DIEGUITO/LAKE HODGES BIKEWAY	RB	MND	6/14/1994
94-0096	COASTAL EROSION PROJECT	OB	MND	1/25/1995	95-0103	OCEAN BEACH BICYCLE PATH EXTENSION	OB	MND	4/12/1995
94-0097	POWER LINE TO FIESTA ISLAND FAC	MB	MND	5/27/1994	95-0165	GROUP JOB 502	MC	MND	11/2/1995
94-0102	SALCEDO RESIDENCE	LJ	MND	2/15/1995	95-0180	NEW JERUSALEM PROGRESSIVE CHURCH	SE	MND	9/7/1995
94-0157	47TH AND IMPERIAL	SE	MND	4/27/1995	95-0195	MARKIM PET RESORT	RV	MND	11/13/1995
94-0160	N MV INTERCEPTOR SEWER PHASE II	MV	MND	4/25/1994	95-0223	KAYE RESIDENCES PARCEL 1 AND 2	LJ	MND	9/29/1995
94-0166	KJOS MUSIC BUILDING	PE	MND	5/5/1994	95-0224	KAYE RESIDENCES PARCEL 1 AND 2	LJ	MND	9/29/1995
94-0206	FAIRMOUNT AVE/MONTEZUMA ROAD	SC	MND	6/10/1994	95-0226	PEARL STREET CAR WASH/GAS STATION	LJ	MND	9/28/1995
94-0211	EXTRA/CAL-TRANS LEASE PROPERTY	SE	MND	2/7/1995	95-0229	GROUP JOB 618	UP	MND	9/5/1996
94-0212	TEXACO REFINING & MARKETING INC.	CM	MND	8/23/1994	95-0255	LINDNER RESIDENCE	UP	MND	9/7/1995
94-0225	SHELL OIL-KEARNY VILLA ROAD	SM	MND	10/24/1994	95-0259	NISSANOFF RESIDENCE	LJ	MND	1/17/1996
94-0229	RODQUEZ ITPM	PQ	MND	11/17/1996	95-0261	STADIUM EXPANSION/TRAINING FACILITY	MV	MND	7/24/1995
94-0234	SHELL OIL COMPANY	SE	MND	11/2/1994	95-0265	FEDERAL BUILDING - BALBOA PARK	BP	MND	10/13/1995
94-0236	MID CITY WATER PIPELINE	MC	MND	4/2/1997	95-0266	LAKE MURRAY SEWER	NA	MND	5/26/1998
94-0272	CARMEL MOUNTAIN ROAD	TP	MND	9/13/1994	95-0270	VONS MARKET AT LA JOLLA	LJ	MND	9/19/1995
94-0277	TORREY VIEW ESTATE	CV	MND	1/31/1996	95-0278	GROUP JOB 78	GH	MND	12/22/1995
94-0283	JVZ PARTNERSHIP	CV	MND	9/11/1995	95-0311	CALIFORNIA SCHOOL PROF. PSYCHOLOGY	MM	MND	8/21/1995
94-0313	SCRIPPS RANCH NORTH UNIT 1-A	MR	MND	2/21/1995	95-0315	GROUP JOB 496	LJ	MND	7/28/1995
94-0331	NAVY JP-5 JET FUEL PIPELINE		MND	6/23/1994	95-0318	GREEN DRAGON COLONY	LJ	MND	2/22/1996
94-0332	SCRIPPS RANCH NO. UNIT 1 LOTS 1&2	SR	MND	2/21/1995	95-0320	ISKATE ICE ARENA	MM	MND	2/9/1996
94-0333	SCRIPPS RANCH NORTH UNIT TWO	SR	MND	2/21/1995	95-0321	SOUTH SHORES DEVELOPMENT PHASE III	MB	MND	9/8/1995
94-0334	SCRIPPS RANCH NORTH UNIT 2 LOT 6	SR	MND	2/21/1995	95-0336	NORTH METRO INTERCEPTOR (PHASE II)		MND	2/8/1996
94-0337	X-VILLAS AT WATERIDGE	MM	MND	4/20/1995	95-0345	FORD/WOLFE RESIDENCE	TP	MND	6/19/1996
94-0395	SKAGGS PRIMARY CARE PAVILLION	UN	MND	2/27/1995	95-0348	HICKS RESIDENCE	LJ	MND	8/19/1996
94-0437	SAN ANDRES WEST	VV	MND	11/14/1994	95-0349	KELLEY RESIDENCE	CV	MND	9/16/1996
94-0463	GROUP JOB 506	LJ	MND	10/28/1994	95-0350-25	-86 PBMS-CALLAHAN	EE	MND	12/2/1996
94-0467	FIELDSTONE SUMMIT	SS	MND	4/14/1995	95-0361	LA JOLLA PRESBYTERIAN CHURCH	LJ	MND	4/25/1996
94-0469	SCRIPPS RANCH NORTH LOTS 98 & 99	MR	MND	11/29/1994	95-0362	CASAPLUS 3		MND	3/11/1996
94-0472	COAST BOULEVARD PARK	LJ	MND	8/14/1996	95-0366	HUFBAUER PARKING LOT	OS	MND	6/5/1996
94-0474	BAYVIEW RESERVOIR	LJ	MND	2/9/1996	95-0377	THE VILLAS OF CASA BLANCA (AMEND)	MM	MND	12/26/1995
94-0509	MIRAMAR PIPELINE REHAB PHASE II	MR	MND	8/22/1996	95-0379	MONTGOMERY RESIDENCE	LJ	MND	4/16/1996
94-0511	SAN DIEGO PRINCESS RESORT MARINA	MB	MND	8/19/1997	95-0393	SALTMAN RESIDENCE	LJ	MND	4/10/1996
94-0516	GATEWAY TRUCK PARK	OM	MND	11/22/1994	95-0432	GROUP JOB 486	UP	MND	10/13/1995
94-0517	VIA LATINA LOTS 35 & 36	TP	MND	7/19/1999	95-0449	TEXACO REFINING AND MARKETING INC.	MM	MND	2/13/1996
94-0520	WAXIE BUSINESS PARK (**EXPEDITE**)	KM	MND	3/6/1995	95-0563	TWO DUPLEXES	OB	MND	2/6/1997
94-0523	LEIF RESIDENCE	TP	MND	7/11/1995	95-0568	RANCHO PENASQUITOS TOWN CTE PAHE 3	PQ	MND	6/19/1996
94-0541	DEL MAR HEIGHTS I	PD	MND	9/5/1996	95-0586	GROUP JOB 487	UP	MND	1/31/1996
94-0551	C.M.R. FITNESS ADVANTAGE	CM	MND	1/6/1995	95-0587	GROUP JOB 609 SEWERMAIN REPLACEMENT	GH	MND	11/22/1995
94-0552	S.D. RESOURCE RECOVERY TRANSFER STA	BL	MND	1/4/1995	95-0638	MISSION TRAILS REG. PARK BRIDGE	MT	MND	11/28/1996
94-0563	X-STARBUST GOLF COURSE	MV	MND	11/15/1995	95-0662	SEAWALL REPLACEMENT	PE	MND	5/6/1996
94-0564	LA JOLLA COUNTRY CLUB	LJ	MND	1/6/1995	95-0679	KAATS RESIDENCE	TP	MND	3/3/1997
94-0572	RSF GOLF RANGE	FC	MND	11/20/1995	95-0680	SANDE RESIDENCE	TP	MND	3/5/1997
94-0577	AIRES RESIDENCE	LS	MND	1/20/1995	95-0687	HOMESTEAD VILLAGES HOTEL	MV	MND	7/5/1996
94-0617	2525 JEFFERSON	OS	MND	3/22/1995	96-0066	OLD TOWN POTTERY COURTYARD	OS	MND	3/20/1996
94-0618	MOBIL MART/CAR WASH	SE	MND	4/27/1995	96-0068	NOTO RESIDENCE	SE	MND	2/21/01

96-0073	SANDER SITE ACCESS RD.-ESD	KM	7/15/1996	MND	96-0073	GROUP JOB 607	MC	10/16/1996	MND
96-0076	TEXACO STATION AT VIPER	MM	12/19/1996	MND	96-0564	HOMESTEAD VILLAGE-RANCHO BERNARDO	RB	5/20/1997	MND
96-0109	GROUP JOB 645	PB	12/27/1996	MND	96-0578	MID-CITY ADULT EDUCATION FACILITY	MD	10/25/1996	MND
96-0112	CHEVRON AT TORREY PINES ROAD	LJ	2/11/1997	MND	96-0581	THE VILLAGE IN LA JOLLA	LJ	12/17/1996	MND
96-0113	X VONS AT HILLCREST	UP	7/8/1996	MND	96-0585	DOWLATSHAHI RESIDENCE	LJ	5/14/1998	MND
96-0115	EL CAPITAN BOATING FACIL. IMPROV	N/A	12/19/1996	MND	96-0590	THACKERAY GALLERY BUILDING	UP	1/17/1997	MND
96-0122	USIU INTRAMURAL SPORTS CENTER	SR	6/17/1996	MND	96-0591	SOUTH CHOLLAS LANDFILL-EAST SLOPE		12/4/1996	MND
96-0138	BOULDERS COAST WALK	LJ	7/12/1996	MND	96-0620	DEMARIA RESIDENCE	LJ	11/19/1997	MND
96-0142-1	EPR-GROUP JOB 626	SE	7/16/1996	MND	96-0621	MIDAS CARMEL MTN RANCH	CM	9/27/00	MND
96-0143	POINT LOMA WATER TANK AND PIPELINE	PE	6/19/1996	MND	96-0622	HOMER DEPOT FAIRMOUNT AVENUE	NA	4/1/1997	MND
96-0144	X RALPHS COLLEGE PARK	CO	4/11/1996	MND	96-0638	AVENTURA APARTMENT PROJECT	UN	3/24/1997	MND
96-0147	X LINCOLN PARK SE		5/15/1996	MND	96-0639	WEEGE RESIDENCE	LJ	3/11/1997	MND
96-0161	LUSK MIRA MESA	MM	12/19/1996	MND	96-0646	BROWN FIELD UTILITIES/ROE-ACOE	OM	11/19/1996	MND
96-0163-1	ADAT YESHURUN SYNAGOGUE	LJ	10/10/1996	MND	96-0651	PENASQUITOS CVN COUNTY TRAIL LINK	PE	11/12/1996	MND
96-0180	HILLSBOROUGH RECREATIONAL FACILITY	PH	5/20/1996	MND	96-0662	LYDA COHEN FAMILY TRUST LOTS 3 & 4	LJ	8/5/1997	MND
96-0228	745 COAST BOULEVARD SOUTH	LJ	7/22/1996	MND	96-0663	HOLLISTER BAILEY BRIDGE/TJ RIVER	TJ	3/4/1997	MND
96-0238	PT.LOMA OUTFALL BALLAST INSTALLATIO		11/6/1996	MND	96-0667	BLUE BIRD RESIDENCE LOTS 7 - 10	LJ	5/10/1997	MND
96-0248	GROUP JOB 639	UP	9/25/1996	MND	96-0668	BLUE BIRD RESIDENCE LOTS 7 - 10	LJ	4/15/1997	MND
96-0253	BAY VILLAGE	PB	8/28/1996	MND	96-0669	GROUP JOB 622	SE	2/21/1997	MND
96-0256	AMSDO LEASE	SP	5/9/1996	MND	96-0671	552 ARENAS	LJ	3/18/1997	MND
96-0306	TEXACO AT BLACK MOUNTAIN	PQ	6/19/1996	MND	96-0673	ONE HORSE RANCH	LJ	9/29/1999	MND
96-0310	GROUP JOB 608	GH	11/20/1996	MND	96-0679	UNIVERSITY TERRACE	MC	5/15/1997	MND
96-0312	DUNHAM SUMMIT	CV	6/27/1997	MND	96-0685	CASA NORTE(LJ VILLAGE)	LJ	1/13/1998	MND
96-0313	COLLEGE GROVE DRIVE WIDENING	MC	6/3/1998	MND	96-0689	FINKELSTEIN LAW OFFICE	MC	2/20/1997	MND
96-0315	CYPRESS VALLEY MR		4/17/1997	MND	96-0691	EL CAPITAN PIPELINE/TRESTLE 12	SU	4/27/1999	MND
96-0321	AQUA II DEMOLITION	MV	6/11/1996	MND	96-0707	JADE COAST DRIVE	MM	7/30/1997	MND
96-0328	EPR-GROUP JOB 634	PE	9/3/1998	MND	96-0712	MERELES RESIDENCE	PN	7/28/1997	MND
96-0336	HOMESTEAD VILLAGE	MM	10/30/1996	MND	96-0714	SHELL OIL PRODUCTS COMPANY	OM	4/1/1997	MND
96-0442	SOUTH CREEK PARCELS 35-48	SS	7/23/1996	MND	96-0715	STERN RESIDENCE	NV	7/31/1997	MND
96-0446	GROUP JOB 629	SE	5/11/1999	MND	96-0718	GROUP JOB 671-674	UP	3/24/1999	MND
96-0447	MISSION VISTA SUITES	MV	7/31/1996	MND	96-0722	REGENTS PARK VILLAS LLC PHASE II	UN	3/28/1997	MND
96-0449	GROUP JOB 610	GH	10/25/1996	MND	96-0735	OTSEGO DRIVE MCD/HRP	UP	6/17/1997	MND
96-0460	SEAVIEW LLC	LJ	5/6/1997	MND	96-7108	MERCY ROAD HOMES	MM	10/9/1997	MND
96-0462	ETHEL BETHEA	PH	1/3/1997	MND	96-7115	FARGO RESIDENCE	LJ	1/3/00	MND
96-0466	SHELL OIL AT DIVISION STREET	SE	4/14/1997	MND	96-7144	MCCLURE RESIDENCE	LJ	2/11/1998	MND
96-0468	BOSTON MARKET RESTAURANT	PE	11/17/1997	MND	96-7145	LAWRENCE FAMILY J.C.C. EXPANSION	UN	9/17/1997	MND
96-0471-2	S.BAY PUMP STA/SEWER LINES TO TJR	OM	11/5/1996	MND	96-7149	PENASQUITOS TS RELIEF CHANGE ORD		4/16/1997	MND
96-0477	NUFFER RESIDENCE	PE	9/25/1996	MND	96-7161	G & M OIL COMPANY	KM	6/30/1997	MND
96-0479	SIEMPRE VIVA SHELL OIL	OM	3/6/1998	MND	96-7162	KAISER SOUTH SAN DIEGO M.O.B.		7/23/1997	MND
96-0480	VISTA LANE REZONE	SY	10/11/1996	MND	96-7163	ODEH RESIDENCE	LJ	9/16/1997	MND
96-0525	SCRIPPS RANCH NORTH LOT 19	MR	4/21/1997	MND	96-7209	MARSTON POINT PLACE	MC	8/11/1997	MND
96-0526	BOB BAKER VEHICLE STORAGE FACILITY	MV	6/12/1997	MND	96-7232	BRIGHTON GARDENS OF DEL MAR	CV	8/12/1997	MND
96-0527	BERNARDO INDUSTRIAL PARK LOT 12	RB	12/10/1996	MND	96-7233	EXTENDED STAY AMERICA	MV	7/9/1998	MND
96-0534	GENTER STREET DUPLEX	LJ	1/14/1997	MND	96-7244	LA QUINTA INN	MV	9/10/1998	MND
96-0535	FAY AVENUE DUPLEX	LJ	1/2/1997	MND	96-7291	ASIA BUSINESS CENTER	MC	7/1/1997	MND
96-0549	CARMEL VALLEY NEIGH. 7 UNIT 6C	CV	7/24/1997	MND	96-7293	COVE COTTAGE	LJ	11/3/1997	MND
96-0550	CARMEL VALLEY NEIGH 7 UNIT 16A	CV	12/10/1996	MND	96-7307	SAN CARLOS RESERVOIR	CA	8/4/1997	MND
96-0551	CARMEL VALLEY NEIGHBORHOOD 3 UNIT 9	CV	12/17/1996	MND	96-7309	LAKE HODGES VAULTS 1	SP		MND
96-0556	TRV LITTLE LEAGUE BASEBALL FIELDS	TJ		MND		GROUP JOB 641	LJ	4/1/1999	MND

96-7318	THE TROLLEY STOP R.V.	OM	MND	4/4/01	96-7872	FAIRWAY ROAD RESIDENCE	LJ	MND	4/17/1998
96-7353	BURGER KING	MM	MND	9/30/1997	96-7880	BLUE RESIDENCE	LJ	MND	6/2/1998
96-7484	PACIFIC GATEWAY TRUCK PARK	OM	MND	8/15/1997	96-7881	RANCHO BERNARDO CAR WASH	RB	MND	5/11/1998
96-7485	PACIFICA COMPANIES HOTEL(W.M.MESA)	MM	MND	2/23/1998	96-7886	PINERY POND	SP	MND	5/8/1998
96-7488	NEUROCRINE BIOSCIENCES UN		MND	7/31/1997	96-7888	464 & 476 PROSPECT	LJ	MND	7/31/1998
96-7490	COHEN RESIDENCE	LJ	MND	3/24/1998	96-7890	SHELL-RANCHO BERNARDO	RB	MND	4/30/1998
96-7492	FORCE MAIN #2 PROTECTION PROJECT	PE	MND	7/25/1997	96-7896	HILTON GARDEN INN	MM	MND	2/25/1998
96-7542	REZONE OF PARCEL D	NV	MND	8/29/1997	96-7903	OLD TOWN TROLLEY (RPO)	OS	MND	7/7/00
96-7549	HILLSIDE RESIDENCE	LJ	MND	1/29/1999	96-7904	CHOLLAS CYN PRK LITTLE LEAGUE FIELD	MC	MND	4/1/1998
96-7559	AUTIZONE STORE #2808	OM	MND	9/11/1997	96-7919	SEABREEZE FARMS	CV	MND	7/14/1999
96-7561	SKI BEACH BOAT RAMP-MISSION BAY	MB	MND	9/17/1997	96-7926	FAY AVENUE TOWNHOMES	LJ	MND	4/7/1998
96-7565	SABRE SPRINGS PARCEL 2	SS	MND	8/18/1998	96-7928	OLD MISSION DAM OVERLOOK(RPO)	NV	MND	5/12/1998
96-7574	W.MIRAMAR LANDFILL BERMS	NA	MND	2/23/1998	96-7938	SPECTRUM CLUB SABRE SPRINGS	SS	MND	3/26/1998
96-7579	US MARSHAL SERVICE	OM	MND	11/6/1997	96-7946	FRIARS RIVERDALE SNACK SHOP	NV	MND	7/7/1998
96-7587	LAKE MURRAY TENNIS COURT EXPANSION	UN	MND	7/30/1997	96-7985	BURNHAM INSTITUTE	LJ	MND	4/14/1998
96-7588	ADVANCED TISSUE SCIENCES	UN	MND	10/13/1997	96-7990	HAZARD CORPORATE COMPLEX	UN	MND	7/30/1998
96-7593	KATZ RESIDENCE	CV	MND	6/5/1998	96-8141	CAMINO DEL NORTE AT BERNARDO LAKE		MND	11/10/1998
96-7599	LAMONT ST. TOWNHOMES	PB	MND	11/4/1997	97-7762	SORRENTO CK.CHANNEL MAINTENANCE	TP	MND	
96-7636	HECHT-NIELSEN RESIDENCE	CV	MND	6/25/1998	98-0001	CASA ALCANTE	LJ	MND	6/24/1998
96-7639	THE PATEL RESIDENCE	LJ	MND	1/6/1998	98-0123	TORREY PINES GOLF COURSE IRRIGATION	TP	MND	3/28/1998
96-7642	LAKE HODGES VAULTS 2	SS	MND	5/28/1998	98-0124	RIIS RESIDENCE	LJ	MND	6/2/1998
96-7647	SABRE SPRINGS PARCEL 11	SS	MND	5/14/1998	98-0126	LAKE MURRAY TRUNK SEWER		MND	5/26/1998
96-7660	SEACLIFF NEW HOUSE	LJ	MND	2/26/1998	98-0128	CASA PALMERA ASSISTED LIVING	RV	MND	11/4/1998
96-7664	CHEVRON-CORONADO AVENUE	OM	MND	5/15/1998	98-0133	WHITE RESIDENCE	LJ	MND	8/25/1998
96-7667	BG CENTRAL AREA POLICE SUBSTATION	SE	MND	10/29/1997	98-0150	N.CHOLLAS COMM.PARK(COLLEGE GROVE)	MC	MND	12/15/1998
96-7670	SEA VIEW CORPORATE CENTER	MM	MND	12/30/1997	98-0163	CAR WASH & QUICK LUBE OF LA JOLLA	LJ	MND	3/31/1999
96-7672	ADOBE BLUFFS	FU	MND	8/13/1998	98-0168	SYG VENTURE GENERAL PARTNERSHIP	SY	MND	5/7/1999
96-7676	BRYN GLEN	RS	MND	5/31/00	98-0167	MONARCH AT CARMEL VALLEY LLC	CV	MND	8/24/1998
96-7683	1998 ESPN X-GAMES MISSION BAY	MB	MND	11/17/1997	98-0171	MT. ERIE BAPTIST CHURCH SCHOOL	SE	MND	5/20/1999
96-7685	1264 NAUTILUS STREET	LJ	MND	6/9/1998	98-0172	GROUP JOB 630	SE	MND	7/7/1998
96-7689	THE VILLAGE AT EUCLID	SE	MND	5/19/1998	98-0172	GOETZ RESIDENCE	LJ	MND	8/5/1998
96-7709	RESIDENCE INN BY MARRIOTT-MIRA MESA	MM	MND	1/6/1998	98-0180	RITE AID (PARK THEATRE/WELLS FARGO)	UP	MND	9/8/1998
96-7710	HOLY CROSS MAUSOLEUM	SE	MND	7/20/1998	98-0190	WATERIDGE SUMMIT	MM	MND	11/17/1998
96-7716	GARDEN COMMUNITIES	RS	MND	2/16/00	98-0197	SADDLE CLUB ESTATES	RB	MND	10/21/1998
96-7719	ARMSTRONG GARDEN CENTER	RS	MND	7/30/1998	98-0198	SIGNATURE POINT/DEL MAR RIDGE	CV	MND	1/6/1999
96-7731	7-11 OTAY MESA ROAD	OM	MND	1/28/1998	98-0220	KAISER PERMANENTE PH.II(PALM AVE.)	OM	MND	8/21/1998
96-7732	FERNANDEZ RESIDENCE	TP	MND	9/22/1998	98-0227	KILROY CARMEL CENTER	CV	MND	11/3/1998
96-7734	SANTA YSABEL CREEK PROJECT	SP	MND	11/26/1997	98-0235	ISLANDIA MARINA REBUILD(STATE CDP)	MB	MND	8/4/1998
96-7756	EASTGATE ACRES (RPO)	UN	MND	3/25/1998	98-0236	1998 ESPN X GAMES-QUALCOMM	MV	MND	5/5/1998
96-7762	SORRENTO CREEK DRAINAGE CHANNEL		MND	7/7/00	98-0250	TORREY DEL MAR	FU	MND	8/26/1999
96-7764	9828 LA JOLLA FARMS RD/KLEPSTEIN	LJ	MND	6/26/1998	98-0251	IVANHOE COURT	LJ	MND	7/23/1998
96-7765	ONE CRAY COURT	UN	MND	1/14/1998	98-0252	SAVE-ON-DRUG CARMEL MTN RANCH	CM	MND	1/14/1999
96-7769	PETERSON RESIDENCE	LJ	MND	6/30/1998	98-0261	TORREY GLENN	FU	MND	4/30/1999
96-7773	WASSENAAR RESIDENCE	LJ	MND	11/4/1998	98-0284	GARNET AVENUE BRIDGE(SEISMIC)	PB	MND	
96-7778	VILLAS DE DERBY DOWNS	CV	MND	5/26/1998	98-0285	HOLIDAY INN(FORMERLY RAMADA)	OS	MND	10/9/1998
96-7785	THE SCRIPPS RESEARCH INSTITUTE NMR4	UN	MND	1/27/1998	98-0293	8356 PASEO DEL OCASO(SF/CDP)	LJ	MND	7/29/1998
96-7824	CARMEL DEL MAR NEIGHBORHOOD 4	CV	MND	9/11/1998	98-0332	TORREY PINES SCI CNTR (GEN ATOMICS)	UN	MND	6/30/1998
96-7861	CAVE STREET APARTMENT/CONDO	LJ	MND	5/28/1998	98-0334	ELGA RESIDENCE	SD	MND	2/19/1999
96-7867	KORTSCH RESIDENCE	GN	MND	2/9/1998	98-0335	N. TORREY PINES BRIDGE (REVISED)	TP	MND	5/24/1999



99-0030	MCGUIRE RESIDENTIAL	CV	9/14/1999	99-0531	8391 PRESTWICK DRIVE	LJ	MND	11/23/1999
99-0034	NOBEL RESEARCH PARK	UN	6/30/1999	99-0538	KENTUCKY FRIED CHICKEN (PCD)	SY	MND	4/20/01
99-0039	KOLMAR DUPLEX LJ		5/1/00	99-0540	MAYBERRY APARTMENTS (RTE 252)	SE	MND	1/18/00
99-0042	BELMONT VILLAGE	SS	7/28/1999	99-0546	SADRE RESIDENCE	LJ	MND	10/27/1999
99-0075	ARCHSTONE SAN CARLOS	NA	8/18/1999	99-0551	ANTHONY'S PIZZA ACQUISITION-CDBG	OB	MND	10/14/1999
99-0096	GROUP JOB 659	OB	3/10/1999	99-0559	NOVARTIS	UN	MND	10/25/1999
99-0101	3030 FRONT STREET SEWER UP		10/14/1999	99-0565	REGIONAL TRANSPORTATION CENTER	MC	MND	3/10/00
99-0125	CLAIREMONT GARDENS	CL	3/14/01	99-0566	GORDON HOOPER RESIDENCE	LJ	MND	12/29/1999
99-0135	PLAYA DEL SUR HOMES	LJ	6/2/00	99-0571	TRAPP TM (ENCANTO - RADIO CYN)	SE	MND	2/6/01
99-0154	SEWER & WATER GRP JOB NO. 671	UP	3/17/1999	99-0574	ECP GOLD FISH PT DRAINAGE	LJ	MND	9/7/1999
99-0156	MARKET CREEK PLAZA (JACOBS)	SE	8/18/1999	99-0575	TOWNE CENTRE DRIVE	UN	MND	12/21/1999
99-0169	SAFESKIN CORPORATE HEADQUARTERS	CV	5/10/1999	99-0619	WOODWARD RESIDENCE	LJ	MND	12/6/1999
99-0173	SEWER GROUP 657(CATALINA BLVD)	PE	4/5/1999	99-0640	PLANTY RESIDENCE	LJ	MND	11/17/00
99-0175	DEERFIELD PUMP PLANT	NA	4/14/1999	99-0641	STRAUSS RESIDENCE	UP	MND	2/8/00
99-0180	ARROYO SORRENTO ROAD WATER MAIN	CV	5/21/1999	99-0653	WATER/SEWER GROUP JOB 494	LV	MND	11/1/1999
99-0181	SEWER GRP JOB 626 (MISSION HILLS)	SE	4/1/1999	99-0661	EL CUERVO WETLAND REVEGETATION PLAN	PLN	MND	9/24/1999
99-0182	CLARK PARCEL MAP	LJ		99-0668	LA JOLLA BEACH & TENNIS CLUB	LJ	MND	11/5/1999
99-0184	SCRIPPS RANCH NORTH		9/3/1999	99-0671	FEINSWOG RESIDENCE	LJ	MND	5/17/00
99-0187	NATIONAL UNIVERSITY AT SAN DIEGO	SP KM	9/10/1999	99-0700	GATCHELL ROAD IMPROVEMENTS	PE	MND	10/13/00
99-0189	SCRIPPS RANCH MASTER PLAN	SR	7/28/00	99-0701	GROUP JOB 658	OB	MND	10/13/1999
99-0207	YMCA MV SKATE PK - (LEASE/CUP)	MV	4/13/1999	99-0702	GROUP JOB 601	OS	MND	11/8/1999
99-0285	HOME DEPOT EXPANSION	ON	9/22/1999	99-0708	2639 FIFTH AVE	UP	MND	11/21/00
99-0299	STONEBRIDGE BUSINESS PARK	CV	12/9/1999	99-0721	MOHNIKE ADOBE RESTORATION	PQ	MND	3/13/01
99-0303	GROUP JOB 619	UP	11/9/1999	99-0731	MISSION HILLS COMMONS	UP	MND	3/28/00
99-0317	DAVE & BUSTERS	MV	11/23/1999	99-0733	GROUP JOB 655/1811 SUNSET CLIFFS	TP	MND	4/5/00
99-0322	ORANGE AVE@ 54TH CONDOS (3.78 AC)	MC	8/4/1999	99-0740	SEWER GROUP 627/627A		MND	12/10/1999
99-0333	BRENNAN RESIDENCE	LJ	8/31/1999	99-0744	W. LINDA VISTA TRUCK SEWER PHS II	LV	MND	1/5/00
99-0335	LA JOLLA SPECTRUM LOT 3	UN	8/19/1999	99-0761	BIRDROCK VILLAGE	LJ	MND	2/2/00
99-0340	1171 SUNSET CLIFFS BLVD (CDP)	PE	8/31/1999	99-0804	WACHOVIA GRADING	MM	MND	5/9/00
99-0341	GROUP JOB 521	CC	9/21/1999	99-0822	SEWER GROUP 635		MND	2/2/00
99-0343	MARGARET'S CLEANERS	LJ	9/23/1999	99-0832	GRAND PRIX RACING @ NTC	PE	MND	10/10/00
99-0348	PRESIDIO VIEW	MV	8/24/00	99-0846	2415 SAN DIEGO AVENUE		MND	1/5/01
99-0350	CAMPUS POINT	MC	9/11/00	99-0849	AVALON AT SCRIPPS	SR	MND	7/28/00
99-0367	KOSTER RESIDENCE	LJ	9/28/1999	99-0852	BRAGG CRANE RELOCATION	MV	MND	4/5/01
99-0378	LA JOLLA COVE CLUBHOUSE	LJ	11/2/1999	99-0887	KROC COMMUNITY CENTER	CA	MND	4/27/00
99-0381	STAYBRIDGE SUITES	CM	6/3/1999	99-0900	MCKELLAR RESIDENCE	LJ	MND	2/27/01
99-0393	CRAWFORD STREET	NA	11/3/1999	99-0934	CHICANO FEDERATION	SE	MND	8/2/00
99-0398	MISSION BAY JET SKI RACES	CV	10/25/1999	99-1000	TORREY DEL MAR COMMERCIAL SITE		MND	7/11/00
99-0421	MTN VIEW COMMUNITY CTR(BOUNDARY)	SE	6/25/1999	99-1016	AEGIS AT SCRIPPS RANCH	SS	MND	7/28/00
99-0423	PLAZA DEL MAR III	CV	7/11/00	99-1065	VISTA LANE(RZ/TPM - SAN YSIDRO)	SY	MND	6/7/00
99-0438	LARSEN RESIDENCE	LJ	12/17/1999	99-1069	KNOWLEDGE BEGINNINGS	SS	MND	9/1/00
99-0455	ELEMENTARY INSTITUTE OF SCIENCE	SE	6/20/00	99-1072	REISS RESIDENCE	LJ	MND	9/14/00
99-0460	GROUP JOB 605A	MC	3/10/00	99-1076	NAVAL TRAINING CTR (MCMILLAN/PP)	PE	MND	8/29/00
99-0466	SOUMEKH RESIDENCE	LJ	12/3/1999	99-1095	WESTVIEW UNITS 4 & 5	MM	MND	5/4/00
99-0501	WALTZ RESIDENCE	LJ	4/19/00	99-1127	HARTIN RESIDENCE	PB	MND	2/28/01
99-0506	SD ROWING CLUB - EL CARMEL PT.	MB	9/10/1999	99-1128	CHEVRON GAS TERMINAL	OM	MND	4/25/00
99-0515	REATA WAY	RB	3/8/00	99-1136	JOSEPHSON RESIDENCE	LJ	MND	7/24/00
99-0516	REGENTS SQUARE TOWNHOMES	CV	11/17/00	99-1142	CARMEL VALLEY ATHLETIC CLUB	CV	MND	3/27/00
			1/6/00		LAWRENCE RESIDENCE	LJ	MND	

99-1170	PREWITT/SCHMUCKER/CAVADIAS HOUSES	PB	MND	3/6/01
99-1187	REED RESIDENCE LJ		MND	3/9/00
99-1188	KENTUCKY CHICKEN OM		MND	7/20/00
99-1191	GROUP JOB 79 NP		MND	3/27/00
99-1192	GROUP JOB 656 PE		MND	2/14/00
99-1200	CHEVRON GAS/CAR WASH SH		MND	11/22/00
99-1201	GIBSON RESIDENCE PB		MND	6/20/00
99-1224	FOUNTAINS @ SCRIPPS RANCH SR		MND	7/28/00
99-1230	SACKS RESIDENCE LJ		MND	7/19/00
99-1231	REGENTS ROAD TOWNHOMES UN		MND	5/11/00
99-1232	MOHYI RESIDENCE LJ		MND	1/11/01
99-1234	HYDE RESIDENCE LJ		MND	6/21/00
99-1236	PACIFIC BELL VIEWRIDGE KM		MND	
99-1237	1244 CAVE STREET APARTMENTS LJ		MND	
99-1238	CAVE STREET RESIDENCE LJ		MND	6/1/00
99-1242	WU RESIDENCE LJ		MND	5/24/00
99-1250	CITY HEIGHTS SERVICE PLAZA MC		MND	9/6/00
99-1254	ORGANIC FOODS MARKET OB		MND	9/13/00
99-1268	COUNTRY CLUB VILLAS LJ		MND	11/30/00
99-1272	SABRE SPRINGS PARCEL 4 SS		MND	10/27/00
99-1282	GRAND AVENUE APARTMENTS PB		MND	6/6/00
99-1283	ROGERS RESIDENCE LJ		MND	
99-1284	5TH & LAUREL APARTMENTS UP		MND	7/18/00
99-1290	ARTMAN RESIDENCE LJ		MND	4/25/01
99-1293	FELSPAR II PB		MND	8/24/00
99-1297	HOLLY DRIVE LEADERSHIP SD		MND	
99-1300	BLUE SEA LODGE EXP. MB		MND	6/16/00
99-1306	LOT 7 MONTORO LJ		MND	8/22/00
99-1310	RAH VILLAS PB		MND	11/15/00
99-1315	MADDEN PB		MND	11/15/00
99-1319	LEE RESIDENCE LJ		MND	12/26/00
99-1320	SALEM RESIDENCE LJ		MND	8/29/00
99-1336	945 COAST LJ		MND	4/20/01
99-1351	KILROY CARMEL MOUNTAIN RB		MND	2/1/01
99-1353	BALISKY RESIDENCE PB		MND	9/22/00
99-1356	JPI FASHION VALLEY LV		MND	
99-1358	SUNRISE DEVELOPMENT PB		MND	5/3/00
99-1360	FARSHIN SAMIMI LJ		MND	3/27/01
99-1367	LA FITNESS SPORTS CLUB MM		MND	7/13/00
99-1375	MISSION VALLEY CHRISTIAN FELLOWSHIP MV		MND	5/17/00
99-1390	KOREAN UNITED CHURCH PE		MND	
WUD-68	GROUP JOB 90 MD		MND	4/13/1994
WUD-92	BEDLOW COURT TPM N		MND	2/2/1994

## ADDENDED MITIGATED NEGATIVE DECLARATION - EAS PARADOX LISTING

40-0372	ALL STAR EQUITIES	CV		ADMND	11/20/00
40-0435	ARROYO SORRENTO WATERLINE (PARTIC)		SH	ADMND	7/6/00
91-0211	AFFINITY LOT #10	MR		ADMND	5/1/1991
91-0278	ADDENDUM TO MORENA BLVD INTERCEPTOR		LV	ADMND	3/27/1991
91-0314	MAR SCENIC/AM.	TP		ADMND	9/30/1991
91-0454	DEAN PARCEL MAP	CV		ADMND	9/30/1991
91-0485	RANCHO BERNARDO BRANCH LIBRARY		RB	ADMND	6/7/1991
91-0519	PARK WEST	UP		ADMND	9/30/1991
91-0528	PARK TERRACE CENTER/AM		RB	ADMND	11/12/1991
91-0546	CHICARITA POND PROJ/N. CREEK 14-18	SS		ADMND	8/15/1991
91-0736	LA COSTA BRAVA MAP	MV		ADMND	11/19/1991
92-0219	ADDENDUM TO GROUP JOB 96		PB	ADMND	3/13/1992
92-0223	ADDENDUM TO VALENCIA PK TRUNK SEWER		SE	ADMND	2/5/1993
92-0243	MISSION BEACH DRAINAGE/AM		MB	ADMND	4/10/1992
92-0254	SDPD VEHICLE STORAGE	LV		ADMND	7/20/1992
92-0448	HERRING/LEWIS RESIDENCE		MC	ADMND	8/19/1992
92-0461	ACCELERATED SLUDGE FORCE MAIN/AM			ADMND	9/26/1992
92-0684	SABRE SPRINGS PARCEL 18	SS		ADMND	5/28/1993
92-0735	LA JOLLA HOTEL	LJ		ADMND	3/8/1993
93-0003	BG 12655 EL CAMINO REAL - NEPA REV	CV		ADMND	5/10/1993
93-0144	PRIME AUTO CENTER	SM		ADMND	7/21/1993
93-0189	MAN RESIDENCE	LJ		ADMND	6/25/1993
93-0190	CHURCH OF ST WILLIAM	CV		ADMND	4/7/1993
93-0537	COLLWOOD TERRACE	MC		ADMND	9/22/1993
94-0513	MONTUDURA BUSINESS CENTER II		RB	ADMND	10/4/1994
94-0573	NORTH MISSION VALLEY INTERCEPTOR II		MV	ADMND	6/7/1995
95-0235	THE PALMS GOLF CENTER	ON		ADMND	6/12/1995
95-0550	GATEWAY TENTATIVE MAP	OM		ADMND	10/31/1995
95-0551	X PIAZZA CARMEL II			ADMND	10/12/1995
95-0599	SORRENTO HILLS LOTS 11 & 12		SH	ADMND	2/21/1996
95-0671	GROUP JOB 518-B			ADMND	12/19/1995
96-0461	SCRIPPS RANCH NORTH NO. 18		SR	ADMND	10/6/1996
96-0633	VIA LATINA	TP		ADMND	6/21/1999
96-0637	ELYSIAN PHASE II	CV		ADMND	4/2/1997
96-7151-1	BROWN FIELD AIRPORT TAXIWAY		OM	ADMND	6/11/1997
96-7361	ADDENDUM FOR P.S. NO. 22	LJ		ADMND	5/5/1997
96-7487	PYXIS AT SORRENTO HILLS	SH		ADMND	7/15/1997
96-7774	TORREY PINES SUMMIT	CV		ADMND	11/19/1997
96-7784	ACACIA GASOLINE & CAR WASH		CV	ADMND	12/31/1997
98-0176	MUELLER RESIDENCE	TP		ADMND	10/2/1998
98-0177	HALL OF CHAMPIONS(FEDERAL BLDG.)		BP	ADMND	2/23/1998
98-0368	HOLLISTER ST.DRAIN(RPO/MHPA/CV)		OM	ADMND	2/12/1999
98-0385	SMITH RESIDENCE	LJ		ADMND	8/6/1998
98-0393	ABC RECYCLING COLLECTION SITE	MC		ADMND	6/2/1998
98-0539	CHANGE ORDER - MID CITY PIPELINE	MC		ADMND	7/31/1998
98-0679	POINT LOMA AIR VENT BALLASTING	PE		ADMND	7/7/1998
98-1200	MID CITY PIPELINE AMENDMENT 2	MC		ADMND	1/25/1999
98-1204	THE COLONY AT AVENTINE UN			ADMND	1/15/1999
98-1206	65TH & HERRICK PUMP STATION II	SE		ADMND	1/7/1999
99-0121	MUIRLANDS DRIVE LOTS 3 & 4	LJ		ADMND	4/26/1999
99-0124	STORM STATION "N" REPAIR	MB		ADMND	3/11/1999
99-0221	HOME AVE TRUNK SEWER ADDENDUM	MC		ADMND	6/9/1999
99-0243	OVERLAND HOTEL	RB		ADMND	5/17/1999
99-0249	7247 FAIRWAY ROAD	LJ		ADMND	5/20/1999
99-0294	MYRICK RESIDENCE	CV		ADMND	5/18/1999
99-0358	HERSCHEL PLACE	LJ		ADMND	6/7/1999
99-0524	SADAT RESIDENCE	LJ		ADMND	7/12/1999
99-0529	ECP TRANS-COUNTY TRAIL	PQ		ADMND	8/19/00
99-0648	FISHEL RESIDENCE	LJ		ADMND	3/10/00
99-0811	SABRE SPRINGS HILTON GARDEN INN	SS		ADMND	10/22/1999
99-0830	MARSTON POINT PLACE			ADMND	10/1/1999
99-0838	MARSTON POINT PLACE	UP		ADMND	10/1/1999
99-0954	S.BAY SEWERS(DAIRY MART POND)	TJ		ADMND	10/7/1999
99-1091	ARROYO SORRENTO RD IMPROVEMENTS	CV		ADMND	11/4/1999
99-1115	SHOEMAKER RESIDENCE	LJ		ADMND	4/4/00

40-0372	ALL STAR EQUITIES	CV		ADMND	11/20/00
40-0435	ARROYO SORRENTO WATERLINE (PARTIC)		SH	ADMND	7/6/00
91-0211	AFFINITY LOT #10	MR		ADMND	5/1/1991
91-0278	ADDENDUM TO MORENA BLVD INTERCEPTOR		LV	ADMND	3/27/1991
91-0314	MAR SCENIC/AM.	TP		ADMND	9/30/1991
91-0454	DEAN PARCEL MAP	CV		ADMND	9/30/1991
91-0485	RANCHO BERNARDO BRANCH LIBRARY		RB	ADMND	6/7/1991
91-0519	PARK WEST	UP		ADMND	9/30/1991
91-0528	PARK TERRACE CENTER/AM		RB	ADMND	11/12/1991
91-0546	CHICARITA POND PROJ/N. CREEK 14-18		SS	ADMND	8/15/1991
91-0736	LA COSTA BRAVA MAP	MV		ADMND	11/19/1991
92-0219	ADDENDUM TO GROUP JOB 96		PB	ADMND	3/13/1992
92-0223	ADDENDUM TO VALENCIA PK TRUNK SEWER		SE	ADMND	2/5/1993
92-0243	MISSION BEACH DRAINAGE/AM		MB	ADMND	4/10/1992
92-0254	SDPD VEHICLE STORAGE		LV	ADMND	7/20/1992
92-0448	HERRING/LEWIS RESIDENCE		MC	ADMND	8/19/1992
92-0461	ACCELERATED SLUDGE FORCE MAIN/AM			ADMND	9/26/1992
92-0684	SABRE SPRINGS PARCEL 18		SS	ADMND	5/28/1993
92-0735	LA JOLLA HOTEL		LJ	ADMND	3/8/1993
93-0003	BG 12655 EL CAMINO REAL - NEPA REV		CV	ADMND	5/10/1993
93-0144	PRIME AUTO CENTER		SM	ADMND	7/21/1993
93-0189	MAN RESIDENCE		LJ	ADMND	6/25/1993
93-0190	CHURCH OF ST WILLIAM		CV	ADMND	4/7/1993
93-0537	COLLWOOD TERRACE		MC	ADMND	9/22/1993
94-0513	MONTUDURA BUSINESS CENTER II		RB	ADMND	10/4/1994
94-0573	NORTH MISSION VALLEY INTERCEPTOR II		MV	ADMND	6/7/1995
95-0235	THE PALMS GOLF CENTER		ON	ADMND	6/12/1995
95-0550	GATEWAY TENTATIVE MAP		OM	ADMND	10/31/1995
95-0551	X PIAZZA CARMEL II			ADMND	10/12/1995
95-0599	SORRENTO HILLS LOTS 11 & 12		SH	ADMND	2/21/1996
95-0671	GROUP JOB 518-B			ADMND	12/19/1995
96-0461	SCRIPPS RANCH NORTH NO. 18		SR	ADMND	10/6/1996
96-0633	VIA LATINA		TP	ADMND	6/21/1999
96-0637	ELYSIAN PHASE II		CV	ADMND	4/2/1997
96-7151-1	BROWN FIELD AIRPORT TAXIWAY		OM	ADMND	6/11/1997
96-7361	ADDENDUM FOR P.S. NO. 22		LJ	ADMND	5/5/1997
96-7487	PYXIS AT SORRENTO HILLS		SH	ADMND	7/15/1997
96-7774	TORREY PINES SUMMIT		CV	ADMND	11/19/1997
96-7784	ACACIA GASOLINE & CAR WASH		CV	ADMND	12/31/1997
98-0176	MUELLER RESIDENCE		TP	ADMND	10/2/1998
98-0177	HALL OF CHAMPIONS(FEDERAL BLDG.)		BP	ADMND	2/23/1998
98-0368	HOLLISTER ST.DRAIN(RPO/MHPA/CV)		OM	ADMND	2/12/1999
98-0385	SMITH RESIDENCE		LJ	ADMND	8/6/1998
98-0393	ABC RECYCLING COLLECTION SITE		MC	ADMND	6/2/1998
98-0539	CHANGE ORDER - MID CITY PIPELINE		MC	ADMND	7/31/1998
98-0679	POINT LOMA AIR VENT BALLASTING		PE	ADMND	7/7/1998
98-1200	MID CITY PIPELINE AMENDMENT 2		MC	ADMND	1/25/1999
98-1204	THE COLONY AT AVENTINE		UN	ADMND	1/15/1999
98-1206	65TH & HERRICK PUMP STATION II		SE	ADMND	1/7/1999
99-0121	MUIRLANDS DRIVE LOTS 3 & 4		LJ	ADMND	4/26/1999
99-0124	STORM STATION "N" REPAIR		MB	ADMND	3/11/1999
99-0221	HOME AVE TRUNK SEWER ADDENDUM		MC	ADMND	6/9/1999
99-0243	OVERLAND HOTEL		RB	ADMND	5/17/1999
99-0249	7247 FAIRWAY ROAD		LJ	ADMND	5/20/1999
99-0294	MYRICK RESIDENCE		CV	ADMND	5/18/1999
99-0358	HERSCHEL PLACE		LJ	ADMND	6/7/1999
99-0524	SADAT RESIDENCE		LJ	ADMND	7/12/1999
99-0529	ECP TRANS-COUNTY TRAIL		PQ	ADMND	8/19/00
99-0648	FISHEL RESIDENCE		LJ	ADMND	3/10/00
99-0811	SABRE SPRINGS HILTON GARDEN INN		SS	ADMND	10/22/1999
99-0830	MARSTON POINT PLACE			ADMND	10/1/1999
99-0838	MARSTON POINT PLACE		UP	ADMND	10/1/1999
99-0954	S.BAY SEWERS(DAIRY MART POND)		TJ	ADMND	10/7/1999
99-1091	ARROYO SORRENTO RD IMPROVEMENTS		CV	ADMND	11/4/1999
99-1115	SHOEMAKER RESIDENCE		LJ	ADMND	4/4/00

## EAS PARADOX EIR LIST

0094-14	SAN DIEGO CONVENTION CTR EXPANSION	89-1105	NORTH METRO INTERCEPTOR SEWERPH I
35-0375	SORRENTO HILLS PLAN AMENDMENT	89-1137	VANIER SUBDIVISION(LK MURRAY)
35-0383	NEW CENTURY CENTER	89-1221	MIRA MESA COMMUNITY PLAN UPDATE
35-0385		89-1296	BOUGANVILLEA PROJECT
35-0388	MISSION CITY SPECIFIC PLAN	89-1391-1	CORAL GATE (TJ RIVER VLY)
35-0389	TORREY RESERVE GATEWAY	89-1416	SHARP/CHILDREN'S MASTER CUP
35-0400	THE LODGE AT TORREY PINES	89-1426	NORTH CHOLLAS LANDFILL CLOSURE
35-0408	CARMEL VALLEY NEIGHBORHOOD 8C	90-0213	SANTEE BASIN WATER RECLAMATION
35-0410	NEIGHBORHOOD 8D	90-0236	PARK PLAZA
35-0420	CARMEL ESTATES	90-0238	SAN PASQUAL HEIGHTS
40-0256	DE ANZA HARBOR RESORT	90-0332	X BLACK MOUNTAIN RANCH
40-0329	SUNSET POINTE	90-0377	ALLRED COLLINS BUSINESS PARK E. RZ
40-0559	MISSION CITY PARKWAY BRIDGE	90-0436	SORRENTO HILLS PHASE I
40-0870	FENTON-CARROLL CANYON TECHNOLOGY	90-0487	AFJR-LINDA VISTA
40-1027	STRATEGIC PLANNING-GENERAL PLAN UPD	90-0554	RHODES VESTING TENTATIVE MAP
41-0248	CAMINO RUIZ SOUTH	90-0574	X SOUTH PALM VISTA VTM
85-0824	TORREY RESERVE PCD	90-0596	MESA TOP
86-0613	MESA DEL SOL	90-0704	MBM WEST III
86-1014	ROBINHOOD RIDGE	90-0874	X SOUTH PALM VISTA
86-1032	CALIFORNIA TERRACES	90-0980	MISSION TRAILS VISITORS CENTER
87-0142	PT. LOMA NAZARENE COLLEGE CUP/AM	91-0003	BARRIO LOGAN REDEVELOPMENT
87-0211	CARMEL VALLEY NEIGHBORHOOD 8A	91-0127	OCEAN PLAN COMPLIANCE PROGRAM
87-0595	CARMEL VALLEY NEIGHBORHOOD 10	91-0136	SANTEE INVESTMENT REZONE
87-0638	S. BAY LAND OUTFALL (BIG PIPE)	91-0141	REMINGTON HILLS (PRECISE PLAN)
87-0750	AQUACULTURE FACIL AT SAN PASQUAL	91-0155	FIESTA ISLAND REPL PROJECT II
87-0925	MONTANA MIRADOR	91-0204	I-15 CUT & COVER #2
87-0927	VISTA ALEGRE	91-0313	X BLACK MOUNTAIN RANCH NORTH
87-1038	MONARCH POINTE	91-0347	SORRENTO VALLEY ROAD WIDENING
87-1041	CARMEL HIGHLANDS	91-0360	X ELI LILLY IVAC-CAMPUS POINT
87-1082	CARMEL MOUNTAIN RANCH UNIT 23	91-0361	TORREY RESERVE HEIGHTS
88-0089	EAST MISSION GORGE I S & PUMP STA	91-0397	NOBEL DR. EXTENSION (@I-805)
88-0210	ALLRED-COLLINS WEST PID(52@805)	91-0516	NORTH CITY WATER RECLAMATION PLANT
88-0326-1	VISTA VILLAGE APARTMENTS CPA/PRD	91-0540	TORREY RESERVE TERRACE
88-0451	SHORELINE PROTECTION*(@PTLWTP)	91-0653	MIRAMAR GENERAL DEVELOPMENT PLAN
88-0459	ALVARADO FILT. PLANT EXPANSION	91-0665-1	P.S. 65 (SORRENTO VALLEY UTIL IMPRO
88-0485	SORRENTO VALLEY UTILITES IMPROVEM	91-0686	CENTRAL MESA PRECISE PLAN
88-0495	P.S. 65(SORRENTO VALLEY RD. & U.IMP	91-0737	KUMEYAAY LAKE CAMPGROUND
88-0565	ALLRED COLLINS EAST	91-0738	CARROLL CANYON BUSINESS PARK
88-0578	LOS PENASQUITOS CANYON MASTER PLAN	91-0784	POMERADO RD COMMUNITY PLAN AMEND.
88-0591	SHAW LOPEZ RIDGE PRD/CDP	91-0809	NCFUA FRAMEWORK PLAN
88-0784	SCRIPPS MIRAMAR RANCH PARK	91-0834	CARMEL VALLEY NBHD 10 - PARKVIEW
88-0785	X DENNERY RANCH	91-0844	KEARNY MESA COMMUNITY PLAN REVISION
88-0794	MISSION TRAILS INDUSTRIAL PARK	91-0890	PENASQUITOS TRUNK SEWER
88-1041	FAIRBANKS HIGHLAND	91-0890-2	PENASQUITOS TRUNK SEWER
88-1144	OTAY CORPORATE CENTER NORTH	91-0898	MISSION BAY MASTER PLAN UPDATE
89-0269	LA JOLLA SPECTRUM	91-0899	TORREY SURF
89-0273	HEIGHTS OF DEL CERRO PIRD/RPO	92-0126	TORREY PINES COMMUNITY PLAN UPDATE
89-0302	X OTAY CORPORATE CENTER SOUTH	92-0199	LA JOLLA/PACIFIC BEACH CPU
89-0311	BAHIA RESORT HOTEL RENOVATION	92-0204	X DENNERY RANCH CONDOMINIUMS
89-0344	S.D. TOTAL RESOURCE RECOVERY PROG.	92-0230	MONTANA MIRADOR/AM
89-0389	WESTWOOD VALLEY UNITS 1 & 2	92-0302	FAIRMOUNT MANOR
89-0508	GOLDEN TRIANGLE BUSINESS CENTER	92-0391	POMERADO CLEAN WATER PROJECT
89-0729	EVERGREEN NURSERY	92-0392	BLACK MOUNTAIN RANCH AMENDMENT
89-0730	EVERGREEN NURSERY	92-0425	PRD ORDINANCE/AM PUB GOLF COURSES
89-0739	HIDDEN TRAILS	92-0430	X VERDE DEL MAR
89-0876	ROSE CANYON TRUNK SEWER	92-0466	SCRIPPS GATEWAY
89-0892	CANYON COUNTRY WEST	92-0477	X LA JOLLA VILLAGE SQUARE
89-0928	CALBIOCHEM (BALIT U.S. HOLDING)	92-0520	BALBOA PK/INSPIRATION PT/ACT CTR

## EAS PARADOX EIR LIST

92-0568	UNIVERSITY OF SD MASTER PLAN	96-0736	NEIGHBORHOOD 10 PLAN AMENDMENTS
92-0586	X RIO VISTA WEST	96-0737	NEIGHBORHOOD 10 PLAN AMENDMENTS
92-0610	SORRENTO HILLS PHASE II UNIT 4	96-7158	DEL MAR CENTRAL OFFICE
92-0613	N.CITY/E.MISSION BAY PIPELINES	96-7285	SR-56 CDP
92-0623	HOUSE OF CHARM RECONSTRUCTION	96-7299	MCAULIFFE COMMUNITY PARK
92-0647	X PALM PLAZA	96-7315	RANCHO SANTA FE GOLF PRACTICE RANGE
92-0652	X STONECREST SQUARE	96-7358	THE LODGE AT TORREY PINES
92-0780	RECLAIMED WATER DISTRIB. MSTR. PLAN	96-7371	MIRA MESA MARKET CENTER
93-0138	CARMEL CREEK ROAD	96-7499	CARMEL VALLEY NEIGHBORHOOD 8C
93-0140	REMINGTON HILLS	96-7562	SD NATURAL HISTORY MUSEUM
93-0141	CARMEL VALLEY NEIGHBORHOOD 10 ANNEX	96-7573	TORREY PINES ESTATES
93-0142	SORR HILLS CPA-II TORREY VIEW	96-7614	PINNACLE CARMEL CREEK
93-0152	TORREY HIGHLANDS SUBAREA IV PLAN	96-7678	BROWN FD MP& LEASE-EIR/EA
93-0265	1525 TORREY PINES RD.	96-7729	POTTER TRACT(SEDC)-IMPERIAL AVE
93-0287	MSCP FRAMEWORK PLAN(EIR/EIS)	96-7749	CAMBRIDGE SQUARE
93-0423	MONTGOMERY RUNWAY EXPANSION	96-7902	BLACK MOUNTAIN RANCH SUBAREA I
93-0437	X FASHION VALLEY SHOPPING CENTER	96-7918	PACIFIC HIGHLANDS RANCH SUBAREA III
93-0441	STALLIONS CROSSING	96-7929	LOMA SORRENTO
93-0529	SDG&E WASTE MANAGEMENT FACILITY	96-7996	CVN8A,T. SURF, LOMA SORTO,TPIG
94-0064	X TREENA MESA	98-0043	SOUTH SD PIPELINE NO.2/(TPM HOMES)
94-0070	SAN PASQUAL VLY COMM PLAN UPDATE	98-0189	ROBINHOOD RIDGE PROJECT
94-0077	EAST MISSION GORGE T S REHAB	98-0207	MID-CITY COMMUNITY PLAN UPDATE
94-0093	HOUSE OF HOSPITALITY	98-0224	CARMEL VALLEY NEIGHBORHOOD 8A
94-0161	X MM LANDFILL AGGREGATE EXTRACTION	98-0292	TORREY SANTA FE
94-0231	X RIO VISTA	98-0389	BLACK MTN WATER TREATMENT PLANT
94-0335	THE BISHOP'S SCHOOL	98-0686	PROJECT YUKON(ARTIFICIAL REEF)
94-0510	PT LOMA MASTER PLAN	98-0718	CARMEL VALLEY ROAD ENCHANCEMENT
94-0514	SPRING CANYON AT SCRIPPS RANCH	98-0767	QUIVIRA BASIN REDEV(MISSION BAY)
94-0533	MIDWAY CENTER **EXPEDITE**	98-0978	CARROLL CANYON INDUSTRIAL PARK
94-0567	CARMEL VALLEY COMMUNITY PARK	98-1199	CARROLL CANYON
94-0576-1	DEL MAR HIGHLANDS ESTATES	99-0036	HEADQUARTERS PT. RES. PARK
94-0576-2	CARMEL VALLEY NIGHBORHOOD 8A	99-0153	WILD ANIMAL MASTER PLAN
94-0615	SOUTH BAY TUNNEL AND OCEAN OUTFALL	99-0216	EL CAMINO REAL ROAD/BRIDGE WIDENING
94-0635	S.BAY TREATMENT PLANT/DAIRY MART BR	99-0220	SORRENTO VALLEY ROAD(OPENING)
94-0662	STARLIGHT BOWL IMPROVEMENTS	99-0295	MONTECITO SUBDIVISION
95-0064	PIEDRAS PINTADAS CUL RESOURCE MGMT	99-0606	POINT CARMEL
95-0099	STATE ROUTE 56 (MIDDLE SECTION)	99-0618	SEA WORLD MASTER PLAN UPDATE
95-0100	STATE ROUTE 905(CALTRANS)	99-0647	LA JOLLA CROSSROADS
95-0101	OTAY MESA ROAD WIDENING	99-0704	MIRAMAR WTP UPGRADE/EXPANSION
95-0159	POINT LOMA DIGESTERS 7 & 8	99-0762	LA JOLLA COMMONS
95-0173-1	X BLACK MOUNTAIN RANCH II	99-0899	SYCAMORE ESTATES
95-0196	THE VILLAGES	99-0927	TORREY HILLS CPA
95-0197	VILLAS AT STALLIONS CROSSING	99-1024	S.BAY SEWER PUMP STA(CV)&PIPELINES
95-0204	STONECREST VILLAGE	99-1094	RANCHO ENCANTADA
95-0237	CARMEL VALLEY VILLAGE UNIT 4		
95-0353	SUBAREA V DEL MAR MESA SPECIFIC PLN		
95-0381	CARMEL ESTATES		
95-0554	TORREY HILLS		
96-0114	LINDA VISTA COMMUNITY PLAN UPDATE		
96-0165	NEW CENTURY CENTER		
96-0255	NTC DISPOSAL/REUSE PLAN EIS/EIR		
96-0265	CORPORATE RESEARCH PARK		
96-0333	LAND DEVELOPMENT(ZONING)CODE UPDATE		
96-0338	NORTHCREEK		
96-0464	TORREY RESERVE GATEWAY		
96-0544	MISSION CITY SPECIFIC PLAN		
96-0625	MESA VERDE ESTATES		
96-0721	MISSION BCH BOARDWALK WIDENING		

## COMMUNITY PLANS/ LOCAL COASTAL PROGRAMS

Barrio Logan/Harbor 101	-	
Border Highlands	-	2/81
Carmel Mountain Ranch CP	-	
Centre City CP	-	7/90 w/corrections 9/90
Clairemont Mesa CP	-	9/26/89
College Area CP	-	5/2/89
Elliott CP	-	4/29/71
Golden Hill CP	-	4/5/88
Greater North Park CP	-	11/86
Kearny Mesa CP Draft	-	6/92 w/inserts 9/92
La Jolla CP	-	3/75 w/amendment 11/88
La Jolla CP Update	-	11/91
La Jolla/La Jolla Shores LCP	-	Addendum 4/1/83
Linda Vista CP	-	7/83 w/amendment 6/85 (and Morena Revitalization Program)
Mid-City CP	-	w/amendments 5/86 and 10/87
Mid-City Design Plan (Appendix to Mid-city CP)	-	
Mid-City Supplement	-	
Neighborhood Elements	-	w/amendment 5/86
Midway CP	-	w/amendments 7/87
Mid/Pac Hwy Corridor CP	-	2 <sup>nd</sup> Review 7/90
Mira Mesa CP and LCP	-	w/amendments 11/21/89, 4/3/90
Mira Mesa CP Draft	-	6/91
Mira Mesa CP Draft	-	9/92
Miramar Ranch North CP	-	amended 4/91 with maps
Mission Valley CP	-	w/amendments 9/90 and 2/91
Navajo CP	-	4/89
North City LCP	-	3/81 w/revisions approved 4/85 and amended 3/87
North City West CP	-	2/27/75
Old Town San Diego	-	7/87
Otay Mesa CP & Env. Impact Rpt w/Otay Mesa Develop- ment District	-	
Pacific Beach CP & LCP	-	w/amendments 7/86 and (2) 11/87
Peñasquitos East CP	-	10/78 and with 5/87 resolution
Peninsula CP	-	7/87 w/amendment 6/89
Rancho Bernardo CP	-	
Rancho Peñasquitos CP	-	
Sabre Springs CP	-	7/82 with amendments 9/87, 12/88 and 10/91
San Pasqual Valley Plan	-	
San Ysidro CP Update Draft	-	w/addendum 12/90
Scripps Miramar Ranch CP	-	w/amendment 11/89
Serra Mesa CP	-	w/amendment 3/12/88
Skyline-Paradise Hills CP	-	6/30/87
Sorrento Hills CP	-	w/amendment 5/90
Southeast San Diego CP	-	w/amendment 2/27/90
Tiajuana River Valley Plan	-	w/amendment 1/83
Tierrasanta CP	-	w/amendment 4/85, 4/86, 6/86, 12/87 and 2/91
Torrey Pines CP	-	3/75
University CP	-	Urban Design Element
Uptown CP	-	w/ amendment 5/2/89
Uptown CP	-	Open Space and Recreation Element

### SPECIFIC PLANS/PRECISE PLANS & LOCAL COASTAL PROGRAMS

Atlas Specific Plan	-	Approved by City Council 12/13/88
Blackhorse Farms	-	1/8/85
Carmel Valley Precise Plan	-	Adopted 6/23/81
Costra Verde Specif Plan	-	w/amendment 7/25/88
Fairbanks Ranch Country Club Specific Plan	-	3/30/82
Fay Avenue Plan	-	8/80
First San Diego River Improvement	-	w/amendments 5/83 and 4/86
La Jolla Shores Precise Plan	-	7/76
La Jolla CP LCP Land Use Plan Draft	-	1/95
Levi Cushman Specific Plan	-	Approved 8/11/87
Mission Beach Precise Plan & LCP	-	Addendum 6/86
Mission Valley Hgts S.Plan	-	5/87
Nexus Technology Centre	-	

S. Plan & addenda	-	1/88 and 8/90
N. City W. Neighborhood I	-	
NCW Unit 2	-	
(2) NCW Unit 3	-	
NCW Unit 4A	-	
NCW Neighborhood 4,5,6	-	
NCW Unit 7	-	
NCW Neighborhood 8	-	
NCW Neighborhood 9	-	
Northside Specific Plan	-	
Ocean Beach Precise Plan	-	w/amendments 9/83, 7/86 and 2/91
Otay Internat'l Ctr P. Plan	-	
StoneCrest	-	2/88
Via De La Valle S. Plan	-	

#### **PARK PLANS**

Balboa Park Master Plan	-	5/89
Balboa Park Master Plan	-	w/colored maps 7/25/89
Mission Bay Pk Master Plan	-	1978 and LCP addendum 5/88
Mission Bay Pk Master Plan		
For Land & Water Use	-	10/78
Mission Bay Park Natural		
Resource Mgmt Plan	-	5/90
Mission Bay Pk Shoreline EIR-	12/89	
Mission Bay Pk Shoreline		
Stabilization & Restoration Project		

#### **REVITALIZATION & REHABILITATION PLANS**

Centre City - Urban Design Program  
 Gaslamp Quarter Historical Sites Code Cookbook  
 Gaslamp Quarter Property Rehabilitation Standards  
 Golden Hill Fern Street and 30<sup>th</sup> Street Revitalization Plan  
 Golden Hill Historic District #2  
 Golden Hill 25<sup>th</sup> Street Revitalization Plan  
 Mid-City and North Park Revitalization  
 Mid-City Commercial Revitalization Project  
 - El Cajon Boulevard  
 Mid-City Commercial Revitalization 1989  
 - Physical Rehabilitation Guidelines  
 Ocean Beach Centennial 1887 - 1987  
 - Newport Avenue Commercial Improvement Program Final Report  
 Plain Language about Redevelopment  
 Project First Class - Urban Design Program

#### **GUIDELINES - Site-specific**

Carmel Mountain Ranch Commercial Design Guidelines  
 Carmel Mountain Ranch Design Guidelines  
 Carmel Valley Signage Guidelines and Criteria  
 Golden Hill Design Criteria and Guidelines  
 La Jolla Shores Design Manual  
 Lindbergh Field Airport Influence Area  
 Mountain View District: Rebuilding Plan for Normal Heights 7/85  
 Old San Diego Architectural and Site Development Standards & PDO #16906  
 Rancho Peñasquitos Task Force Report  
 Telcolote Canyon Rim Development Guidelines

#### **GUIDELINES - City-wide**

Automobile Service Stations  
 Coastal Development Information Guide  
 Community Identification Signs  
 Hillside Review Overlay Zone & Hillside Design and Development  
 Landscape Technical Manual  
 Multi-Family Parking Requirements User's Guide  
 Ocean Edge of San Diego  
 Off-Street Parking Lots  
 User's Guide/Landscape Regulations

#### **STUDIES - City-wide**

Community and General Plan Formats  
 Energy and the Land Development Approval Process  
 Growth Management Program for San Diego  
 Housing Development Processing  
 Living with Seismic Risk  
 Mobile Home Parks

Pave Paradise?  
Progress in Paradise?  
Sand and Gravel  
Temporary Paradise?  
Urban Resource Inventory Guide for San Diego

#### **CITY-WIDE ISSUES**

A House Divided  
Alternative Futures for San Diego  
Background Summary: Growth Management Project  
Growth Management Task Force Report  
Housing Element 8/88  
Housing Element Annual Review 1988  
Housing Element Update 1992  
Mitigation Monitoring & Reporting Program  
Open Space & Sensitive Area Preservation Study  
Park and Recreation Planning Study  
Population and Land Use 1/88  
Progress Guide and General Plan 6/89  
    with map and amendment 10/90  
Public Services and Facilities Background Study  
Single Room Occupancy Residential Hotel Program

#### **STATE LAW**

California Coastal Act of 1976 as of 1/91  
California Coastal Commission administrative Regulations  
Building Code for Historic Structures  
Secretary of the Interior's Standards for Rehabilitation  
State Historical Building Code

#### **STATE DISTRICTS**

Carmel Mountain Ranch  
Sabre Springs

#### **MISCELLANEOUS**

Centre City SD Development &  
    Design Ordinance  
Chapter 11.1 Land Development  
    Ordinance (4 copies)  
Housing Element Update - 3/92  
Mission Trails Regional Park  
Sensitive Coastal Resource  
    Overlay zone  
Subdivision Map Act - amended 1/1/88  
Video - San Bernardino