

LIST OF APPENDICES FOR CHAPTER 2

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CHAPTER 2 – APPENDIX A: 303(D) LIST FOR WATER BODIES IN THE SAN DIEGO RIVER WATERSHED

Table 2A-1. 303(d) Listed Waterbodies in SDR Watershed

Sub Watershed	WATER BODY NAME (* Urban Runoff is listed as a Potential Source)	WATER BODY TYPE	ESTIMATED SIZE AFFECTED	UNIT	POLLUTANT	POTENTIAL SOURCES	SOURCE CATEGORY	Impacted Beneficial Use based on 2010 Integrated Report Line of Evidence	Existing Beneficial Uses for the waterbody from the Basin Plan
Downstream of Reservoirs	Alvarado Creek*	River & Stream	5	Miles	Selenium	Other Urban Runoff	Urban Runoff	Warm Freshwater Habitat	AGR; IND; REC1; REC2; WARM; WILD
Downstream of Reservoirs	Famosa Slough and Channel*	Estuary	32	Acres	Eutrophic	Urban Runoff/Storm Sewers	Urban Runoff	Marine Habitat	REC1; REC2; COMM; EST; WILD; RARE; MAR; MIGR; SPWN; SHELL
						Point Source	Unspecified Point Source		
						Nonpoint Source	Unspecified Nonpoint Source		
Downstream of Reservoirs	Forester Creek*	River & Stream	6	Miles	Fecal Coliform	Urban Runoff/Storm Sewers	Urban Runoff	Water Contact Recreation	IND; REC1; REC2; WARM; WILD
						Unknown Nonpoint Source	Unspecified Nonpoint Source		
						Unknown Point Source	Unspecified Point Source		
						Spills	Unpermitted Discharges		
					Selenium	Source Unknown	Source Unknown	Warm Freshwater Habitat	
					Total Dissolved Solids	Unknown Nonpoint Source	Unspecified Nonpoint Source	Industrial Service Supply	
						Unknown Point Source	Unspecified Point Source		
						Agricultural Return Flows	Agriculture		
						Flow Regulation/ Modification	Hydromodification		
						Urban Runoff/Storm Sewers	Urban Runoff		
					pH	Unknown Point Source	Unspecified Point Source	Industrial Service Supply	
						Habitat Modification	Habitat Modification		
						Industrial Point Sources	Industrial Wastewater		
Unknown Nonpoint Source	Unspecified Nonpoint Source								
Spills	Unpermitted Discharges								
Downstream of Reservoirs	Los Coches Creek	River & Stream	9	Miles	Selenium	Source Unknown	Source Unknown	Warm Freshwater Habitat	IND; REC1; REC2; WARM; WILD

Sub Watershed	WATER BODY NAME (* Urban Runoff is listed as a Potential Source)	WATER BODY TYPE	ESTIMATED SIZE AFFECTED	UNIT	POLLUTANT	POTENTIAL SOURCES	SOURCE CATEGORY	Impacted Beneficial Use based on 2010 Integrated Report Line of Evidence	Existing Beneficial Uses for the waterbody from the Basin Plan				
Downstream of Reservoirs	Murray Reservoir*	Lake & Reservoir	119	Acres	Nitrogen	Urban Runoff/Storm Sewers	Urban Runoff	Warm Freshwater Habitat	MUN; IND; REC1; REC2; WARM; COLD; WILD; POW				
						Unknown Nonpoint Source	Unspecified Nonpoint Source						
					Natural Sources	Natural Sources							
					pH	Source Unknown	Source Unknown	Municipal & Domestic Supply					
Downstream of Reservoirs	Pacific Ocean Shoreline, San Diego HU, at the San Diego River outlet, at Dog Beach*	Coastal & Bay Shoreline	0	Miles	Enterococcus	Source Unknown	Source Unknown	Water Contact Recreation		REC1; REC2; COMM; EST; WILD; RARE; MAR; MIGR; SPWN; SHELL			
					Total Coliform	Unknown Nonpoint Source	Unspecified Nonpoint Source	Water Contact Recreation					
						Urban Runoff/Storm Sewers	Urban Runoff						
					Unknown Point Source	Unspecified Point Source							
Downstream of Reservoirs	San Diego River (Lower)*	River & Stream	16	Miles	Enterococcus	Point Source	Unspecified Point Source	Water Contact Recreation	AGR; IND; REC1; REC2; BIOL; WARM; WILD; RARE				
						Nonpoint Source	Unspecified Nonpoint Source						
						Urban Runoff/Storm Sewers	Urban Runoff						
					Fecal Coliform	Wastewater	Municipal Wastewater	Water Contact Recreation					
						Point Source	Unspecified Point Source						
						Urban Runoff/Storm Sewers	Urban Runoff						
											Nonpoint Source	Unspecified Nonpoint Source	
					Low Dissolved Oxygen	Unknown Nonpoint Source	Unspecified Nonpoint Source	Warm Freshwater Habitat					
						Unknown Point Source	Unspecified Point Source						
						Urban Runoff/Storm Sewers	Urban Runoff						
Manganese	Source Unknown	Source Unknown	Municipal & Domestic Supply										
Nitrogen	Urban Runoff/Storm Sewers	Urban Runoff	Warm Freshwater Habitat										
	Nonpoint Source	Unspecified Nonpoint Source											
	Point Source	Unspecified Point Source											

Sub Watershed	WATER BODY NAME (* Urban Runoff is listed as a Potential Source)	WATER BODY TYPE	ESTIMATED SIZE AFFECTED	UNIT	POLLUTANT	POTENTIAL SOURCES	SOURCE CATEGORY	Impacted Beneficial Use based on 2010 Integrated Report Line of Evidence	Existing Beneficial Uses for the waterbody from the Basin Plan
					Phosphorus	Unknown Nonpoint Source	Unspecified Nonpoint Source	Warm Freshwater Habitat	
						Urban Runoff/Storm Sewers	Urban Runoff		
						Unknown Point Source	Unspecified Point Source		
					Total Dissolved Solids	Flow Regulation/Modification	Hydromodification	Agricultural Supply	
						Unknown Point Source	Unspecified Point Source		
						Natural Sources	Natural Sources		
						Unknown Nonpoint Source	Unspecified Nonpoint Source		
					Toxicity	Urban Runoff/Storm Sewers	Urban Runoff		
						Nonpoint Source	Unspecified Nonpoint Source	Warm Freshwater Habitat	
						Other Urban Runoff	Urban Runoff		
Unknown Point Source	Unspecified Point Source								
Upstream of Reservoirs	El Capitan Lake*	Lake & Reservoir	1454	Acres	Color	Source Unknown	Source Unknown	Municipal & Domestic Supply	MUN; AGR; IND; PROC; REC1; REC2; WARM; COLD; WILD; RARE
					Manganese	Source Unknown	Source Unknown	Municipal & Domestic Supply	
					Phosphorus	Other Urban Runoff	Urban Runoff	Warm Freshwater Habitat	
					Total Nitrogen as N	Other Urban Runoff	Urban Runoff	Municipal & Domestic Supply	
					pH	Source Unknown	Source Unknown	Municipal & Domestic Supply	
Upstream of Reservoirs	San Vicente Creek (San Diego County)	River & Stream	16	Miles	Ammonia as Nitrogen	Source Unknown	Source Unknown	Warm Freshwater Habitat	MUN; AGR; IND; PROC; REC1; REC2; WARM; WILD
					Benthic Community Effects	Source Unknown	Source Unknown		
					Total Nitrogen as N	Source Unknown	Source Unknown		
					Toxicity	Source Unknown	Source Unknown		

Sub Watershed	WATER BODY NAME (* Urban Runoff is listed as a Potential Source)	WATER BODY TYPE	ESTIMATED SIZE AFFECTED	UNIT	POLLUTANT	POTENTIAL SOURCES	SOURCE CATEGORY	Impacted Beneficial Use based on 2010 Integrated Report Line of Evidence	Existing Beneficial Uses for the waterbody from the Basin Plan
Upstream of Reservoirs	San Vicente Reservoir*	Lake & Reservoir	1058	Acres	Chloride	Source Unknown	Source Unknown	Municipal & Domestic Supply	MUN; AGR; IND; PROC; REC1; REC2; WARM; COLD; WILD
						Water Diversions	Hydromodification		
						Unknown Nonpoint Source	Unspecified Nonpoint Source		
					Color	Water Diversions	Hydromodification		
						Unknown Nonpoint Source	Unspecified Nonpoint Source		
					Sulfates	Water Diversions	Hydromodification		
						Unknown Nonpoint Source	Unspecified Nonpoint Source		
					Total Nitrogen as N	Unknown Nonpoint Source	Unspecified Nonpoint Source		
						Urban Runoff/Storm Sewers	Urban Runoff		
					pH (high)	Water Diversions	Hydromodification		
Unknown Nonpoint Source	Unspecified Nonpoint Source								

CHAPTER 2 – APPENDIX B: TMDL WQBELS FOR THE SAN DIEGO RIVER

Table 2B-1. (Order No. 2013-0001, Attachment E, Table 6.2a) Final Receiving Water Limitations Expressed as Bacteria Densities and Allowable Exceedance Frequencies for Beaches

Constituent	Wet Weather Days		Dry Weather Days	
	Single Sample Maximum ^{a,b} (MPN/100ml)	Single Sample Maximum Allowable Exceedance Frequency ^c	30-Day Geometric Mean ^b (MPN/100mL)	30-Day Geometric Mean Allowable Exceedance Frequency
Total Coliform	10,000	22%	1,000	0%
Fecal Coliform	400	22%	200	0%
<i>Enterococcus</i>	104	22%	35	0%

Notes:

a. During wet weather days, only the single sample maximum receiving water limitations are required to be achieved.

b. During dry weather days, the single sample maximum and 30-day geometric mean receiving water limitations are required to be achieved.

c. The 22% single sample maximum allowable exceedance frequency only applies to wet weather days. For dry weather days, the dry weather bacteria densities must be consistent with the single sample maximum REC-1 water quality objectives in the Ocean Plan.

Table 2B-2. (Order No. 2013-0001, Attachment E, Table 6.2b) Final Receiving Water Limitations Expressed as Bacteria Densities and Allowable Exceedance Frequencies for Creeks

Constituent	Wet Weather Days		Dry Weather Days	
	Single Sample Maximum ^{a,b} (MPN/100ml)	Single Sample Maximum Allowable Exceedance Frequency ^c	30-Day Geometric Mean ^b (MPN/100mL)	30-Day Geometric Mean Allowable Exceedance Frequency
Fecal Coliform	400	22%	200	0%
<i>Enterococcus</i>	61 (104)	22%	33	0%

Notes:

a. During wet weather days, only the single sample maximum receiving water limitations are required to be achieved.

b. During dry weather days, the single sample maximum and 30-day geometric mean receiving water limitations are required to be achieved.

c. The 22% single sample maximum allowable exceedance frequency only applies to wet weather days. For dry weather days, the dry weather bacteria densities must be consistent with the single sample maximum REC-1 water quality objectives in the Basin Plan.

d. A single sample maximum of 104 MPN/100ml for *Enterococcus* may be applied as a receiving water limitation for creeks, instead of 61 MPN/100mL, if one or more of the creeks addressed by these TMDLs (San Juan Creek, Aliso Creek, Tecolote Creek, Forrester Creek, San Diego River, and/or Chollas Creek) is designated with a "moderately to lightly used area" or less frequent usage frequency in the Basin Plan. Otherwise, the single sample maximum of 61 MPN/100mL for *Enterococcus* must be used to assess compliance with the allowable exceedance frequency.

Table 2B-3. (Order No. 2013-0001, Attachment E, Table 6.5) Interim Wet Weather Receiving Water Limitations Expressed as Interim Wet Weather Allowable Exceedance Frequencies

Watershed Management Area and Watershed	Water Body	Segment or Area	Interim Wet Weather Allowable Exceedance Frequencies		
			Total Coliform	Fecal Coliform	<i>Enterococcus</i>
San Diego River	Forrester Creek	lower 1 mile	46%	43%	49%
	San Diego River	lower 6 miles	46%	43%	49%
	Mission San Diego HSA (907.11) and Santee HSA (907.12)	Pacific Ocean Shoreline	at San Diego River mouth at Dog Beach	46%	43%

CHAPTER 2 – APPENDIX C: DETAILED MS4 SUMMARY DATA TABLES

Table 2C-2. Wet Weather MS4 Outfall Data Summary (LTEA and RMRS)

WMA			SAN DIEGO RIVER WATERSHED MANAGEMENT AREA																																								
HA			Lower San Diego (907.10)															San Vicente (907.20)					El Capitan (907.30)						Boulder Creek (907.40)														
Subwatershed			Mission San Diego (907.11)						Santee (907.12)			El Cajon (907.13)			Coches (907.14)			El Monte (907.15)	Ferrbrook (907.21)	Kimball (907.22)	Gower (907.23)	Barona (907.24)	Conejos Creek (907.31)		Alpine(907.33)				Inaja (907.41)	Spencer (907.42)	Cuyamaca (907.43)												
Source			2010 LTEA		2011 RMR		2012 RMR		2010 LTEA		2011 RMR		NA	2010 LTEA		2011 RMR		NA	2010 LTEA		2011 RMR		2012 RMR		NA	NA	NA	NA	NA	2010 LTEA		NA	2010 LTEA		2011 RMR		2012 RMR		NA	NA	NA		
Parameter	Units	Wet Weather Water Quality Benchmark	Source	n	% > Criteria	n	% > Criteria	n	% > Criteria	n	% > Criteria	NA	n	% > Criteria	n	% > Criteria	NA	n	% > Criteria	NA	n	% > Criteria	NA	NA	NA	NA	NA	n	% > Criteria	NA	n	% > Criteria	n	% > Criteria	n	% > Criteria	NA	NA	NA				
pH	pH units	6.5-9.0	1. Basin Plan	5	0%	3	0%	4	25%	2	0%	2	0%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	NA	1*	0%	NA	1*	0%	1*	0%	1*	0%	1*	0%	NA	NA	NA
Nitrate as N	mg/L	10	1. Basin Plan	5	0%	3	0%	4	0%	2	0%	2	0%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	0	NA	NA	0	NA	1*	0%	1*	0%	1*	0%	NA	NA	NA	
Nitrate/Nitrite as N	mg/L	10	1. Basin Plan	4	0%	3	0%	4	0%	2	0%	2	0%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	1*	0%	NA	1*	0%	1*	0%	1*	0%	NA	NA	NA			
Nitrite as N	mg/L	1	1. Basin Plan	5	0%	3	0%	4	0%	2	0%	2	0%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	0	NA	NA	0	NA	1*	0%	1*	0%	1*	0%	NA	NA	NA	
Total Phosphorous	mg/L	2	2. MSGP	5	0%	3	0%	4	0%	2	0%	2	0%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	1*	0%	NA	1*	0%	1*	0%	*	0%	NA	NA	NA			
Dissolved Phosphorus	mg/L	2	1 Basin Plan, 2. MSGP	1*	0%	0	NA	0	NA	0	NA	0	NA	NA	0	NA	0	NA	NA	0	NA	NA	0	NA	NA	NA	NA	0	NA	NA	0	NA	0	NA	0	NA	0	NA	NA	NA	NA		
Total Suspended Solids	mg/L	100	2. MSGP	5	40%	3	0%	4	25%	2	0%	2	50%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	1*	0%	NA	1*	0%	1*	100%	1*	100%	NA	NA	NA			
Total Dissolved Solids	mg/L	500	1. Basin Plan	5	0%	3	0%	4	0%	2	0%	2	0%	NA	1*	0%	1*	0%	NA	1*	0%	NA	2	0%	NA	NA	NA	NA	1*	0%	NA	1*	0%	1*	0%	1*	0%	1*	0%	NA	NA	NA	
Fecal Coliforms	MPN/100 mL	400	1. Basin Plan	5	100%	3	100%	4	100%	2	100%	2	100%	NA	1*	100%	1*	100%	NA	1*	100%	NA	2	100%	NA	NA	NA	NA	1*	0%	NA	1*	100%	1*	100%	1*	100%	NA	NA	NA			
Turbidity	NTU	20	1. Basin Plan	1*	100%		NA		NA	0	NA	0	NA	NA	0	NA	NA	NA	0	NA	NA	0	NA	NA	NA	NA	NA	0	NA	NA	0	NA	0	NA	0	NA	0	NA	NA	NA	NA		
Surfactants (MBAS)	mg/L	0.5	1. Basin Plan	1*	100%		NA		NA	0	NA	0	NA	NA	0	NA	NA	NA	0	NA	NA	0	NA	NA	NA	NA	NA	0	NA	NA	0	NA	0	NA	0	NA	0	NA	NA	NA	NA		
Oil & Grease	mg/L	10	1 Basin Plan, 2. MSGP	1*	0%		NA		NA	0	NA	0	NA	NA	0	NA	NA	NA	0	NA	NA	0	NA	NA	NA	NA	NA	0	NA	NA	0	NA	0	NA	0	NA	0	NA	NA	NA	NA		

Notes:

NA - No criteria or published value was available or applicable to the matrix or program.

*One station was used in the summary

Total dissolved solids was calculated by multiplying the conductivity by a factor of 0.4 (TDS=Conductivity x 0.7) per SM1030F.

100%	Bold with gray shading indicates high priority conditions (greater than 50% of results above benchmark)
40%	Gray shading alone indicates medium priority (between 25% and 50% of results above benchmark).
0%	No shading indicates low priority (less than 25% of results above benchmark).

- Sources:
- San Diego Regional Water Quality Control Plan for the San Diego Region (Basin Plan), 1994 (with amendments effective prior to April 25, 2007).
 - Multisector General Permit for Industrial Activities, Section 2, October 2000.

Table 2C-3. Benchmarks and Sources

Data Source				
Constituent	Units	Wet Weather Water Quality Benchmark	Dry Weather Water Quality Benchmark	Source
pH	pH units	6.5-9.0	6.5-9.0	1. Basin Plan
Nitrate as N	mg/L	10	10	1. Basin Plan
Nitrate/Nitrite as N	mg/L	10	10	1. Basin Plan
Nitrite as N	mg/L	1	1	1. Basin Plan
Total Nitrogen	mg/L	NA	1	1. Basin Plan
Total Phosphorus	mg/L	2	0.1	2. MSGP 2000, 1. Basin Plan
Dissolved Phosphorous	mg/L	2	0.1	2. MSGP 2000, 1. Basin Plan
Total Suspended Solids	mg/L	100	58	2. MSGP 2000
Total Dissolved Solids (calculated) ¹	mg/L	500	500	1. Basin Plan
Fecal Coliform	MPN/100 mL	400	400	1. Basin Plan REC-1
Enterococci	MPN/100 mL	NA	151	1. Basin Plan
Total Coliform	MPN/100 mL	NA	NA	1. Basin Plan (Bays and Estuaries and Shell Criteria)
Ammonia as N	mg/L	CMC (Salmonids Absent) Calculation based on pH, Temp	CCC (Salmonids Absent) Calculation based on pH, Temp	3. U.S. EPA Water Quality Criteria (Freshwater)
Turbidity	NTU	20	20	1. Basin Plan
Chloride	mg/L	250	250	1. Basin Plan
Total Selenium	mg/L	NA	0.005	5. 40 CFR 131.38
Oil & Grease	mg/L	10	10	1 Basin Plan, 2. MSGP 2000
Biochemical oxygen demand	mg/L	30	10	2. MSGP 2000, 4. McNeely (1979)
Chemical oxygen demand	mg/L	120	120	2. MSGP 2000
Dissolved Oxygen	mg/L	<5	<5	1. Basin Plan

* NA indicate no criteria or published value was available or applicable to the matrix or program.

1. San Diego Regional Water Quality Control Plan for the San Diego Region (Basin Plan), 1994 (with amendments effective prior to April 25, 2007)

2. Multisector General Permit for Industrial Activities, Section 2

3. U.S. EPA, 1999 Update of Ambient Water Quality Criteria for Ammonia, EPA-822-R-99-014, December 1999

4. Mcneely, R.N., Neimasis, V.P., Dwyer, L. (1979), Oxygen-chemical oxygen demand. In: Water Quality Sourcebook. A guide to water quality parameters. Water Quality Branch Inland Waters Directorate, Environment Canada, Ottawa, p.32-33.

5. 40 CFR 131.38

(a) Water Quality Benchmark for total dissolved solids is based on the San Diego Regional Water Quality Control Plan by watershed for the San Diego Region (Basin Plan), 1994 (with amendments effective prior to April 25, 2007).

NA - No criteria or published value was available or applicable to the matrix or program.

Sources

Please refer to the San Diego County Copermitttee Regional Monitoring Program Benchmark Sources for benchmark source citations

CHAPTER 2 – APPENDIX D: PRIORITY AND HIGHEST PRIORITY WATER QUALITY CONDITIONS

Table 2D-1. SDR WMA Priority Water Quality Conditions - Dry Weather [B.2.c.(1)]

STEP 3															
1	2	3	4	5	6	7	8	9	10						
Sub Watershed	Extent (water body name) B.2.c.(1)(b)	Condition or Pollutant	Condition observed in SDR WMA	Criterion Score (Observed Yes=1)	Impaired Beneficial Use B.2.c.(1)(a)	Criterion Score (Impaired Use Yes=1)	Exceeds LTEA/RMR Benchmarks	Criterion Score (Exceeds Benchmarks Yes=1)	Potential sources (2010 Integrated Report)	MS4 Discharge may contribute to condition B.2.c.(1)(d)	Criterion Score (Urban Runoff as Source=1)	Monitoring data and data gaps B.2.c.(1)(e)/ Other Rationale	Criterion Score (Adequate Data Yes=1)	Criteria Tally	PWQC? (Score of 4 = PWQC, *Score of 5 = moves to HPWQC)
Downstream of Reservoirs	Alvarado Creek	Selenium	Yes	1	Warm Freshwater Habitat	1	No	0	Other Urban Runoff	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No
	Famosa Slough and Channel	Eutrophic	Yes	1	Marine Habitat	1	Yes	1	Urban Runoff/Storm Sewers; Point Source; Nonpoint Source	Yes. Urban runoff listed as a source	1	Condition common to both MS4 outfall and receiving waters, based on Interim Five-Year MS4 Random Data Analysis (2014)	1	5	Yes *
	Forester Creek	Indicator Bacteria	Yes	1	Water Contact Recreation	1	Yes	1	Urban Runoff/Storm Sewers; Unknown Point Source; Unknown Nonpoint Source; Spills	Yes. Urban runoff listed as a source	1	Indicator Bacterial TMDL	1	5	Yes *
		Selenium	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Total Dissolved Solids	Yes	1	Industrial Service Supply	1	Yes	1	Unknown Nonpoint Source; Unknown Point Source; Agricultural Return Flows; Flow Regulation/Modification; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	4	Yes
		pH	Yes	1	Industrial Service Supply	1	No	0	Unknown Point Source; Habitat Modification; Industrial Point Sources; Unknown Nonpoint Source; Spills	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	Los Coches Creek	Selenium	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	Murray Reservoir	Nitrogen	Yes	1	Warm Freshwater Habitat	1	Yes	1	Urban Runoff/Storm Sewers; Unknown Nonpoint Source; Natural Sources	Yes. Urban runoff listed as a source	1	Condition common to both MS4 outfall and receiving waters, based on Interim Five-Year MS4 Random Data Analysis (2014)	1	5	Yes *
		pH	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	Pacific Ocean Shoreline, San Diego HU, at the San Diego River outlet, at Dog Beach	Enterococcus	Yes	1	Water Contact Recreation	1	Yes	1	Source Unknown	No evidence	0	Indicator Bacteria TMDL	1	4	Yes
Total Coliform		Yes	1	Water Contact Recreation	1	Yes	1	Unknown Nonpoint Source; Urban Runoff/Storm Sewers; Unknown Point Source	Yes. Urban runoff listed as a source	1	Indicator Bacteria TMDL	1	5	Yes *	

Table 2D-2. SDR WMA Highest Priority Water Quality Conditions - Dry Weather [B.2.c.(2)]

STEP 4									
11	12	13	14	15					
Approved TMDL Yes - HPWQC No - Continue	Spatially Appropriate and Robust Dataset	Criterion Score (Yes=1)	Storm water as predominant source	Criterion Score (Yes=1)	Sources controllable by MS4 Agency	Criterion Score (Yes=1)	Criteria Tally	HPWQC? (Score of 3 in Step 4 = HPWQC)	
No	--	--	--	--	--	--	--	No	
No	Yes	1	No	0	No	0	1	No	
Yes	--	--	--	--	--	--	--	Yes	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	Y	1	N	0	N	0	1	No	
No	--	--	--	--	--	--	--	No	
Yes	--	--	--	--	--	--	--	Yes	
Yes	--	--	--	--	--	--	--	Yes	

Note: * Potential HPWQC

Table 2D-1. SDR WMA Priority Water Quality Conditions - Dry Weather [B.2.c.(1)]

STEP 3															
1	2	3	4		5		6		7	8		9		10	
Sub Watershed	Extent (water body name) B.2.c.(1)(b)	Condition or Pollutant	Condition observed in SDR WMA	Criterion Score (Observed Yes=1)	Impaired Beneficial Use B.2.c.(1)(a)	Criterion Score (Impaired Use Yes=1)	Exceeds LTEA/RMR Benchmarks	Criterion Score (Exceeds Benchmarks Yes=1)	Potential sources (2010 Integrated Report)	MS4 Discharge may contribute to condition B.2.c.(1)(d)	Criterion Score (Urban Runoff as Source=1)	Monitoring data and data gaps B.2.c.(1)(e)/ Other Rationale	Criterion Score (Adequate Data Yes=1)	Criteria Tally	PWQC? (Score of 4 = PWQC, *Score of 5 = moves to HPWQC)
Downstream of Reservoirs	San Diego River (Lower)	Enterococcus	Yes	1	Water Contact Recreation	1	Yes	1	Point Source; Nonpoint Source; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1	Priority condition common to both MS4 outfall and receiving waters Based on FY11-12 Regional Monitoring Report for SDR-MLS & SDR-TWAS1 Total Phosphorous (NPDES Program; SMC Program; Third-Party Data) Dissolved Phosphorous (NPDES Program) TDS (NPDES Program; SMC Program; Third-Party Data) Total Nitrogen (SMC Program) Fecal Coliform/Enterococcus (Third-Party Data)	1	5	Yes*
		Fecal Coliform	Yes	1	Water Contact Recreation	1	Yes	1	Wastewater; Point Source; Urban Runoff/Storm Sewers; Nonpoint Source	Yes. Urban runoff listed as a source	1		1	5	Yes*
		Low Dissolved Oxygen	Yes	1	Warm Freshwater Habitat	1	No	0	Unknown Nonpoint Source; Unknown Point Source; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1		0	3	No
		Manganese	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0		0	2	No
		Nitrogen	Yes	1	Warm Freshwater Habitat	1	Yes	1	Urban Runoff/Storm Sewers; Nonpoint Source; Point Source	Yes. Urban runoff listed as a source	1		1	5	Yes*
		Phosphorus	Yes	1	Warm Freshwater Habitat	1	Yes	1	Unknown Nonpoint Source; Urban Runoff/Storm Sewers; Unknown Point Source	Yes. Urban runoff listed as a source	1		1	5	Yes*
		Total Dissolved Solids	Yes	1	Agricultural Supply	1	Yes	1	Flow Regulation/Modification; Unknown Point Source; Natural Sources; Unknown Nonpoint Source; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1		1	5	Yes*
		Toxicity	Yes	1	Warm Freshwater Habitat	1	No	0	Nonpoint Source; Other Urban Runoff; Unknown Point Source	Yes. Urban runoff listed as a source	1		0	3	No
		IBI	Yes	1	N/A	0	Yes	1	N/A	Yes. Urban runoff/storm sewers as source of Flow Regulation/Modification	1		1	4	Yes

Table 2D-2. SDR WMA Highest Priority Water Quality Conditions - Dry Weather [B.2.c.(2)]

STEP 4									
11	12		13		14				15
Approved TMDL Yes - HPWQC No - Continue	Spatially Appropriate and Robust Dataset	Criterion Score (Yes=1)	Storm water as predominant source	Criterion Score (Yes=1)	Sources controllable by MS4 Agency	Criterion Score (Yes=1)	Criteria Tally	HPWQC? (Score of 3 in Step 4 = HPWQC)	
Yes	--	--	--	--	--	--	--	Yes	
Yes	--	--	--	--	--	--	--	Yes	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	Y	1	N	0	N	0	1	No	
No	Y	1	N	0	N	0	1	No	
No	Y	1	Y	0	N	0	1	No	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	

Note: * Potential HPWQC

Table 2D-1. SDR WMA Priority Water Quality Conditions - Dry Weather [B.2.c.(1)]

STEP 3															
1	2	3	4		5		6		7	8		9		10	
Sub Watershed	Extent (water body name) B.2.c.(1)(b)	Condition or Pollutant	Condition observed in SDR WMA	Criterion Score (Observed Yes=1)	Impaired Beneficial Use B.2.c.(1)(a)	Criterion Score (Impaired Use Yes=1)	Exceeds LTEA/RMR Benchmarks	Criterion Score (Exceeds Benchmarks Yes=1)	Potential sources (2010 Integrated Report)	MS4 Discharge may contribute to condition B.2.c.(1)(d)	Criterion Score (Urban Runoff as Source=1)	Monitoring data and data gaps B.2.c.(1)(e)/ Other Rationale	Criterion Score (Adequate Data Yes=1)	Criteria Tally	PWQC? (Score of 4 = PWQC, *Score of 5 = moves to HPWQC)
Upstream of Reservoirs	El Capitan Lake	Color	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Manganese	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Phosphorus	Yes	1	Warm Freshwater Habitat	1	Yes	1	Other Urban Runoff	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	4	Yes
		Total Nitrogen as N	Yes	1	Municipal & Domestic Supply	1	Yes	1	Other Urban Runoff	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	4	Yes
		pH	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	San Vicente Creek (San Diego County)	Ammonia as Nitrogen	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Benthic Community Effects	Yes	1		1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Total Nitrogen as N	Yes	1		1	Yes	1	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No
		Toxicity	Yes	1		1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	San Vicente Reservoir	Chloride	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown; Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
Color		Yes	1	1		No	0	Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	
Upstream of Reservoirs	San Vicente Reservoir	Sulfates	Yes	1	Municipal & Domestic Supply	1	No	0	Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Total Nitrogen as N	Yes	1		1	Yes	1	Unknown Nonpoint Source; Urban Runoff/Storm Sewers	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No
		pH (high)	Yes	1		1	No	0	Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No

Table 2D-2. SDR WMA Highest Priority Water Quality Conditions - Dry Weather [B.2.c.(2)]

STEP 4														
11	12		13		14			15						
Approved TMDL Yes - HPWQC No - Continue	Spatially Appropriate and Robust Dataset	Criterion Score (Yes=1)	Storm water as predominant source	Criterion Score (Yes=1)	Sources controllable by MS4 Agency	Criterion Score (Yes=1)	Criteria Tally	HPWQC? (Score of 3 in Step 4 = HPWQC)						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						
No	--	--	--	--	--	--	--	No						

Note: * Potential HPWQC

Table 2D-3. SDR WMA Priority Water Quality Conditions - Wet Weather [B.2.c.(1)]

STEP 3															
1	2	3	4		5		6		7	8		9		10	
Sub Watershed	Extent (water body name) B.2.c.(1)(b)	Condition or Pollutant	Condition observed in SDR WMA	Criterion Score (Observed Yes=1)	Impaired Beneficial Use B.2.c.(1)(a)	Criterion Score (Impaired Use Yes=1)	Exceeds LTEA/RMR Benchmarks	Criterion Score (Exceeds Benchmarks Yes=1)	Potential sources (2010 Integrated Report)	MS4 Discharge may contribute to condition B.2.c.(1)(d)	Criterion Score (Urban Runoff as Source=1)	Monitoring data and data gaps B.2.c.(1)(e)/ Other Rationale	Criterion Score (Adequate Data Yes=1)	Criteria Tally	PWQC? (Score of 4 = PWQC, *Score of 5 = moves to HPWQC)
Downstream of Reservoirs	Alvarado Creek	Selenium	Yes	1	Warm Freshwater Habitat	1	No	0	Other Urban Runoff	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No
	Famosa Slough and Channel	Eutrophic	Yes	1	Marine Habitat	1	No	0	Urban Runoff/Storm Sewers; Point Source; Nonpoint Source	Yes. Urban runoff listed as a source	1	Did not equal or exceed Regional Monitoring Workgroup benchmarks	0	3	No
	Forester Creek	Indicator Bacteria	Yes	1	Water Contact Recreation	1	Yes	1	Urban Runoff/Storm Sewers; Unknown Point Source; Unknown Nonpoint Source; Spills	Yes. Urban runoff listed as a source	1	Indicator Bacteria TMDL	1	5	Yes *
		Selenium	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Total Dissolved Solids	Yes	1	Industrial Service Supply	1	No	0	Unknown Nonpoint Source; Unknown Point Source; Agricultural Return Flows; Flow Regulation/Modification; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No
		pH	Yes	1	Industrial Service Supply	1	No	0	Unknown Point Source; Habitat Modification; Industrial Point Sources; Unknown Nonpoint Source; Spills	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	Los Coches Creek	Selenium	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	Murray Reservoir	Nitrogen	Yes	1	Warm Freshwater Habitat	1	No	0	Urban Runoff/Storm Sewers; Unknown Nonpoint Source; Natural Sources	Yes. Urban runoff listed as a source	1	Did not equal or exceed Regional Monitoring Workgroup benchmarks	0	3	No
		pH	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
	Pacific Ocean Shoreline, San Diego HU, at the San Diego River outlet, at Dog Beach	Enterococcus	Yes	1	Water Contact Recreation	1	Yes	1	Source Unknown	No evidence	0	Indicator Bacteria TMDL	1	4	Yes
		Total Coliform	Yes	1	Water Contact Recreation	1	Yes	1	Unknown Nonpoint Source; Urban Runoff/Storm Sewers; Unknown Point Source	Yes. Urban runoff listed as a source	1	Indicator Bacteria TMDL	1	5	Yes *
		Enterococcus	Yes	1	Water Contact Recreation	1	Yes	1	Point Source; Nonpoint Source; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1	Indicator Bacteria TMDL	1	5	Yes *
Fecal Coliform		Yes	1	Water Contact Recreation	1	Yes	1	Wastewater; Point Source; Urban Runoff/Storm Sewers; Nonpoint Source	Yes. Urban runoff listed as a source	1	Based on FY11-12 Regional Monitoring Report for SDR-MLS & SDR-TWAS1	1	5	Yes *	
Low Dissolved Oxygen		Yes	1	Warm Freshwater Habitat	1	No	0	Unknown Nonpoint Source; Unknown Point Source; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	

Table 2D-4. SDR WMA Highest Priority Water Quality Conditions - Wet Weather [B.2.c.(2)]

STEP 4									
11	12		13		14				15
Approved TMDL Yes - HPWQC No - Continue	Spatially Appropriate and Robust Dataset	Criterion Score (Yes=1)	Storm water as predominant source	Criterion Score (Yes=1)	Sources controllable by MS4 Agency	Criterion Score (Yes=1)	Criteria Tally	HPWQC? (Score of 3 in Step 4 = HPWQC)	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
Yes	--	--	--	--	--	--	--	Yes	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
No	--	--	--	--	--	--	--	No	
Yes	--	--	--	--	--	--	--	Yes	
Yes	--	--	--	--	--	--	--	Yes	
Yes	--	--	--	--	--	--	--	Yes	
No	--	--	--	--	--	--	--	No	

Note: * Potential HPWQC

Table 2D-3. SDR WMA Priority Water Quality Conditions - Wet Weather [B.2.c.(1)]

STEP 3																
1	2	3	4		5		6		7	8		9		10		
Sub Watershed	Extent (water body name) B.2.c.(1)(b)	Condition or Pollutant	Condition observed in SDR WMA	Criterion Score (Observed Yes=1)	Impaired Beneficial Use B.2.c.(1)(a)	Criterion Score (Impaired Use Yes=1)	Exceeds LTEA/RMR Benchmarks	Criterion Score (Exceeds Benchmarks Yes=1)	Potential sources (2010 Integrated Report)	MS4 Discharge may contribute to condition B.2.c.(1)(d)	Criterion Score (Urban Runoff as Source=1)	Monitoring data and data gaps B.2.c.(1)(e)/ Other Rationale	Criterion Score (Adequate Data Yes=1)	Criteria Tally	PWQC? (Score of 4 = PWQC, *Score of 5 = moves to HPWQC)	
Downstream of Reservoirs	San Diego River (Lower)	Manganese	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	
		Nitrogen	Yes	1	Warm Freshwater Habitat	1	No	0	Urban Runoff/Storm Sewers; Nonpoint Source; Point Source	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	
		Phosphorus	Yes	1	Warm Freshwater Habitat	1	No	0	Unknown Nonpoint Source; Urban Runoff/Storm Sewers; Unknown Point Source	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	
		Total Dissolved Solids	Yes	1	Agricultural Supply	1	No	0	Flow Regulation/Modification; Unknown Point Source; Natural Sources; Unknown Nonpoint Source; Urban Runoff/Storm Sewers	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	
		Toxicity	Yes	1	Warm Freshwater Habitat	1	No	0	Nonpoint Source; Other Urban Runoff; Unknown Point Source	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	
		Hydromodification	Yes	1	N/A	0	No	0	N/A	Yes. Urban Runoff/Storm Sewers	1	Evidence of impacts from urban storm water discharges	1	3	No	
		Trash	Yes	1	N/A	0	No	0	N/A	Yes. Urban Runoff/Storm Sewers	1	Trash monitoring data available	1	3	No	
Upstream of Reservoirs	El Capitan Lake	Color	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	
		Manganese	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	
		Phosphorus	Yes	1	Warm Freshwater Habitat	1	No	0	Other Urban Runoff	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	
	El Capitan Lake	Total Nitrogen as N	Yes	1	Municipal & Domestic Supply	1	No	0	Other Urban Runoff	Yes. Urban runoff listed as a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No	
		pH	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	
	San Vicente Creek (San Diego County)	Ammonia as Nitrogen	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	
		Benthic Community Effects	Yes	1		No	0	Source Unknown	Yes. Source unknown Urban runoff might be a source	1	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	3	No		
		San Vicente Creek (San Diego County)	Total Nitrogen as N	Yes	1	Warm Freshwater Habitat	1	No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
			Toxicity	Yes	1		No	0	Source Unknown	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No	

Table 2D-4. SDR WMA Highest Priority Water Quality Conditions - Wet Weather [B.2.c.(2)]

STEP 4								
11	12		13		14			15
Approved TMDL Yes - HPWQC No - Continue	Spatially Appropriate and Robust Dataset	Criterion Score (Yes=1)	Storm water as predominant source	Criterion Score (Yes=1)	Sources controllable by MS4 Agency	Criterion Score (Yes=1)	Criteria Tally	HPWQC? (Score of 3 in Step 4 = HPWQC)
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No

Note: * Potential HPWQC
 Water Quality Improvement Plan - Final Draft
 San Diego River Watershed

Table 2D-3. SDR WMA Priority Water Quality Conditions - Wet Weather [B.2.c.(1)]

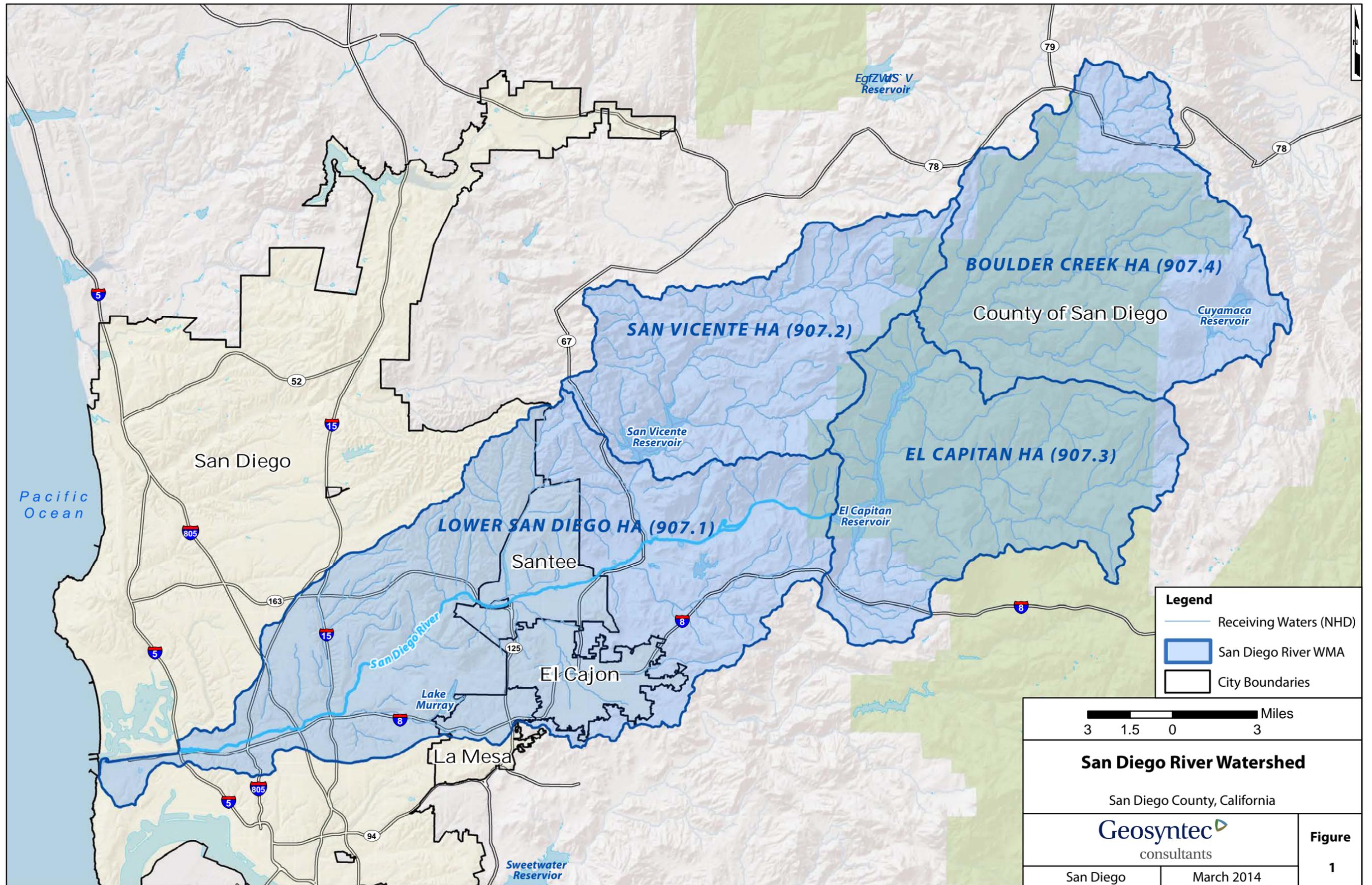
STEP 3															
1	2	3	4		5		6		7	8		9		10	
Sub Watershed	Extent (water body name) B.2.c.(1)(b)	Condition or Pollutant	Condition observed in SDR WMA	Criterion Score (Observed Yes=1)	Impaired Beneficial Use B.2.c.(1)(a)	Criterion Score (Impaired Use Yes=1)	Exceeds LTEA/RMR Benchmarks	Criterion Score (Exceeds Benchmarks Yes=1)	Potential sources (2010 Integrated Report)	MS4 Discharge may contribute to condition B.2.c.(1)(d)	Criterion Score (Urban Runoff as Source=1)	Monitoring data and data gaps B.2.c.(1)(e)/ Other Rationale	Criterion Score (Adequate Data Yes=1)	Criteria Tally	PWQC? (Score of 4 = PWQC, *Score of 5 = moves to HPWQC)
	San Vicente Reservoir	Chloride	Yes	1	Municipal & Domestic Supply	1	No	0	Source Unknown; Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Color	Yes	1		1	No	0	Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
Upstream of Reservoirs	San Vicente Reservoir	Sulfates	Yes	1	Municipal & Domestic Supply	1	No	0	Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		Total Nitrogen as N	Yes	1		1	No	0	Unknown Nonpoint Source; Urban Runoff/Storm Sewers	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No
		pH (high)	Yes	1		1	No	0	Water Diversions; Unknown Nonpoint Source	No evidence	0	Inconclusive monitoring data to link MS4 outfall data to receiving water condition	0	2	No

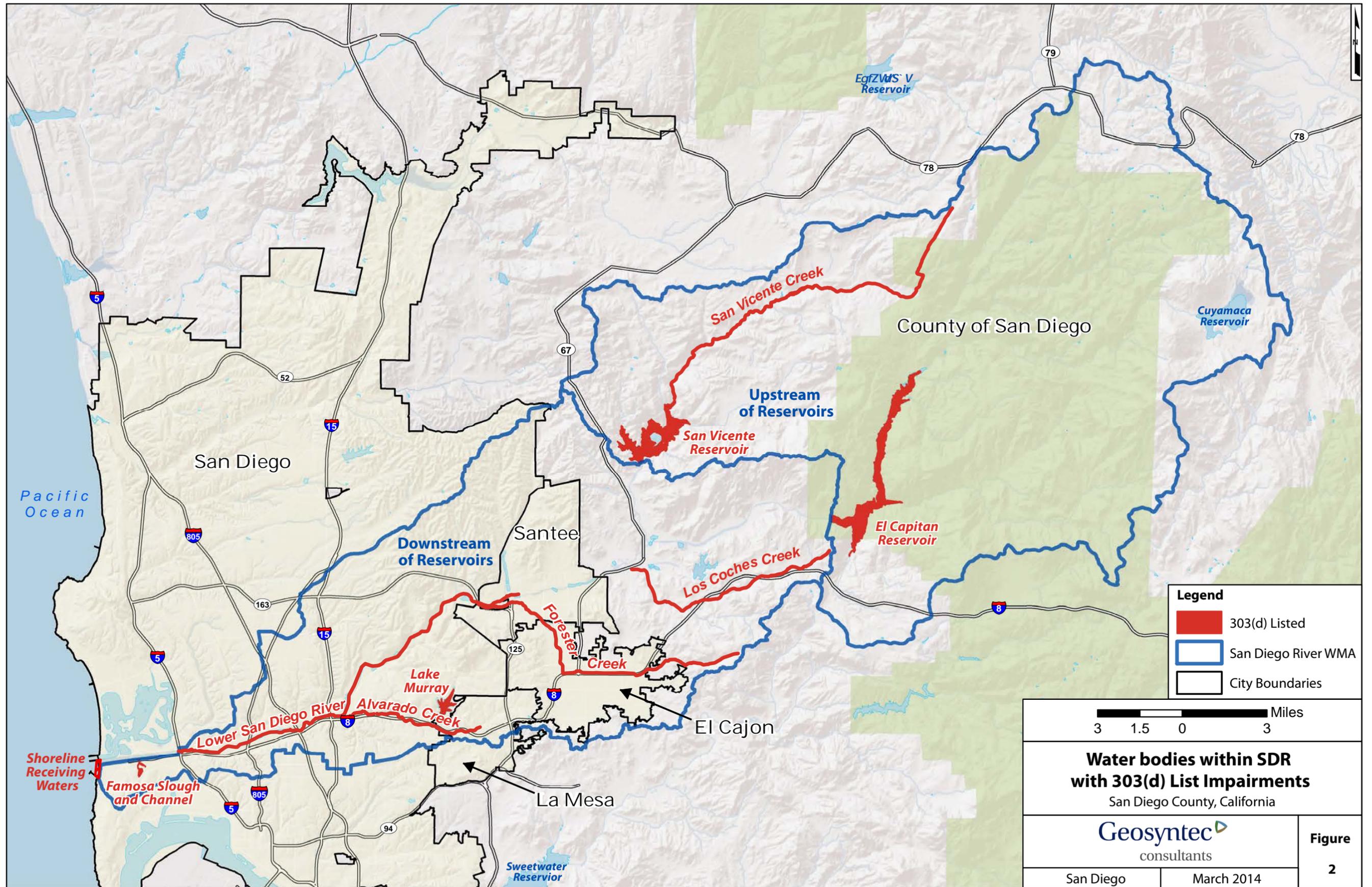
Table 2D-4. SDR WMA Highest Priority Water Quality Conditions - Wet Weather [B.2.c.(2)]

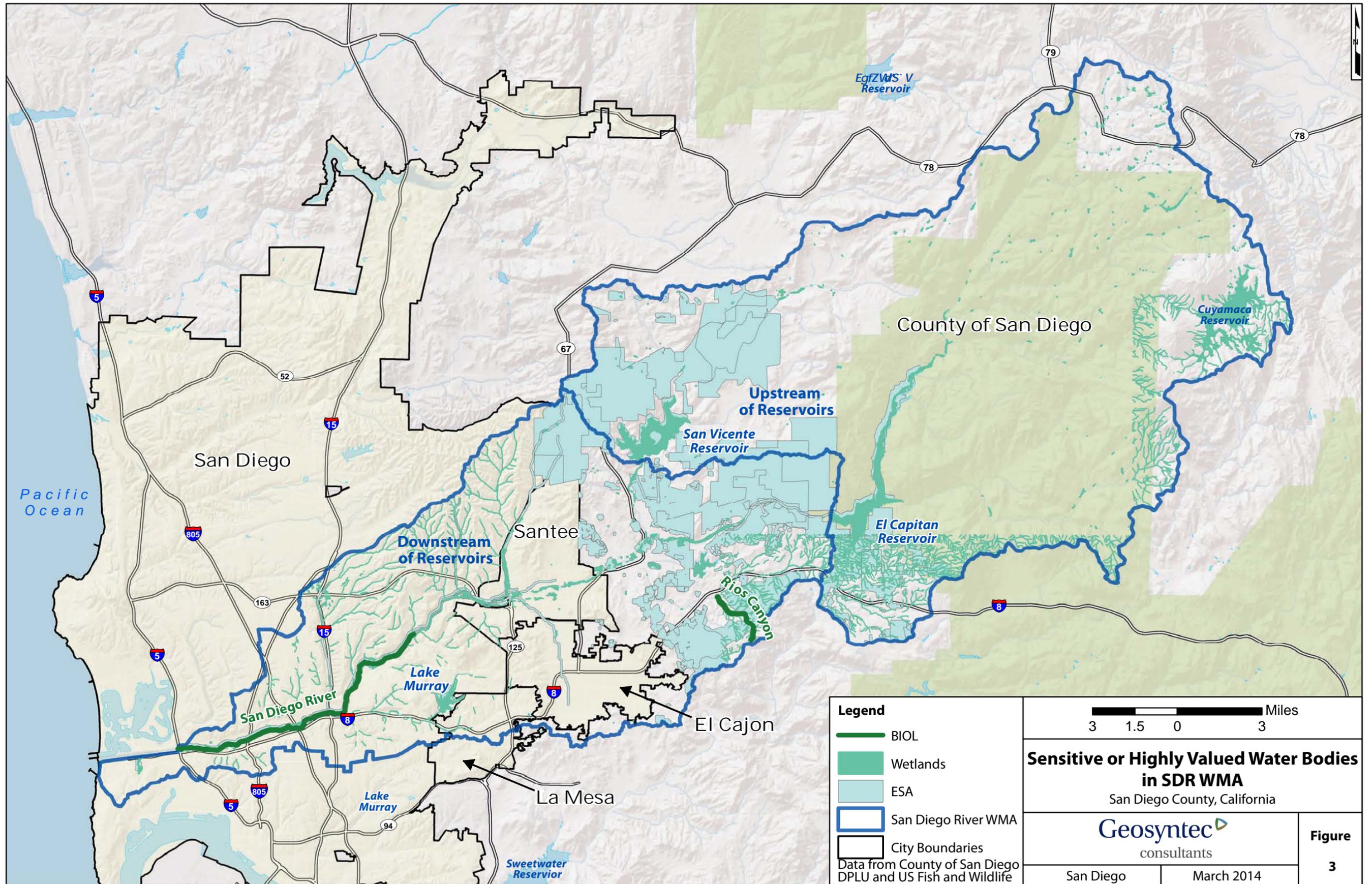
STEP 4								
11	12		13		14			15
Approved TMDL Yes - HPWQC No - Continue	Spatially Appropriate and Robust Dataset	Criterion Score (Yes=1)	Storm water as predominant source	Criterion Score (Yes=1)	Sources controllable by MS4 Agency	Criterion Score (Yes=1)	Criteria Tally	HPWQC? (Score of 3 in Step 4 = HPWQC)
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No
No	--	--	--	--	--	--	--	No

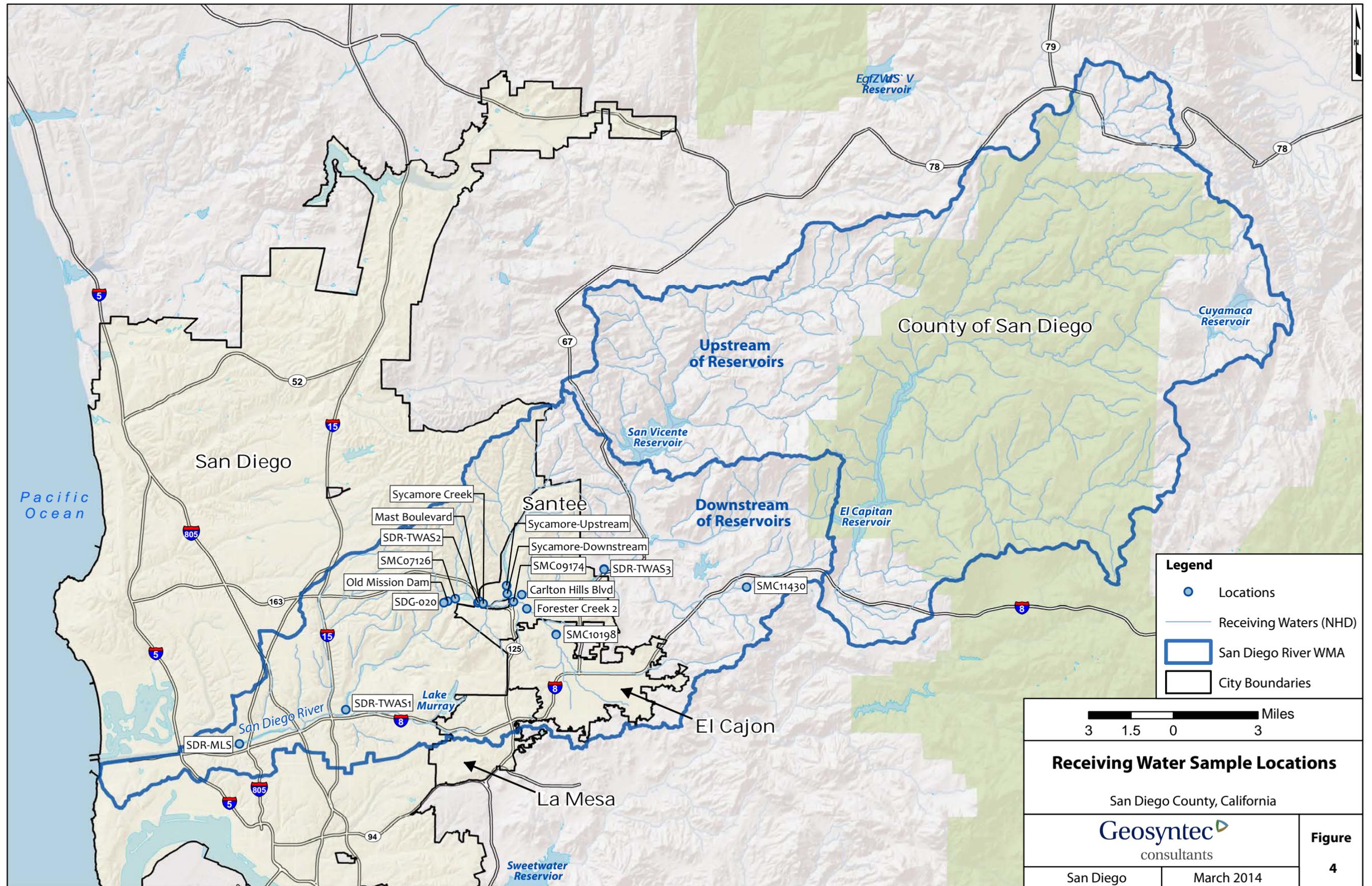
Note: * Potential HPWQC

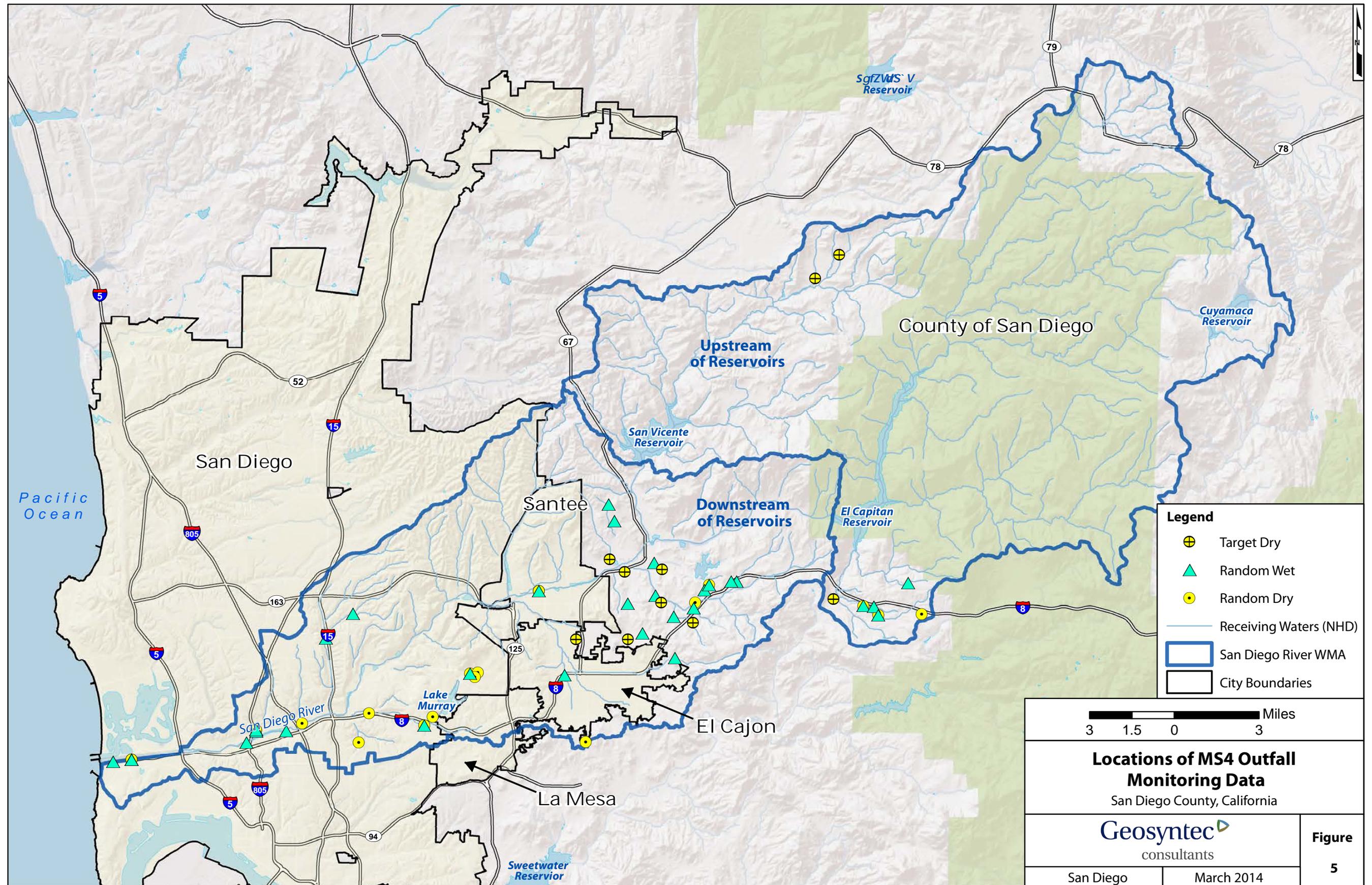
CHAPTER 2 – APPENDIX E: MAP FIGURES IN 11x17 FORMAT

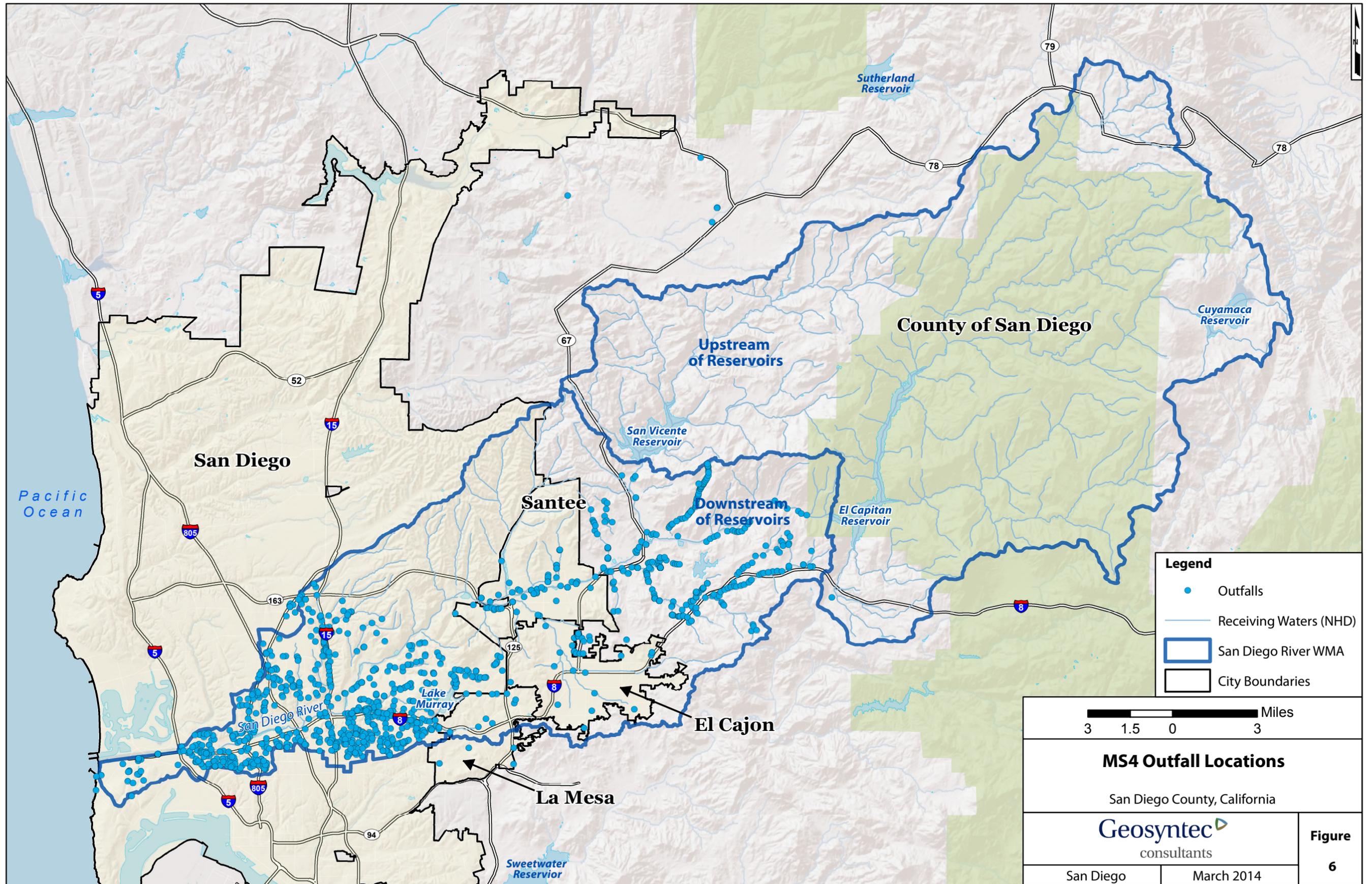


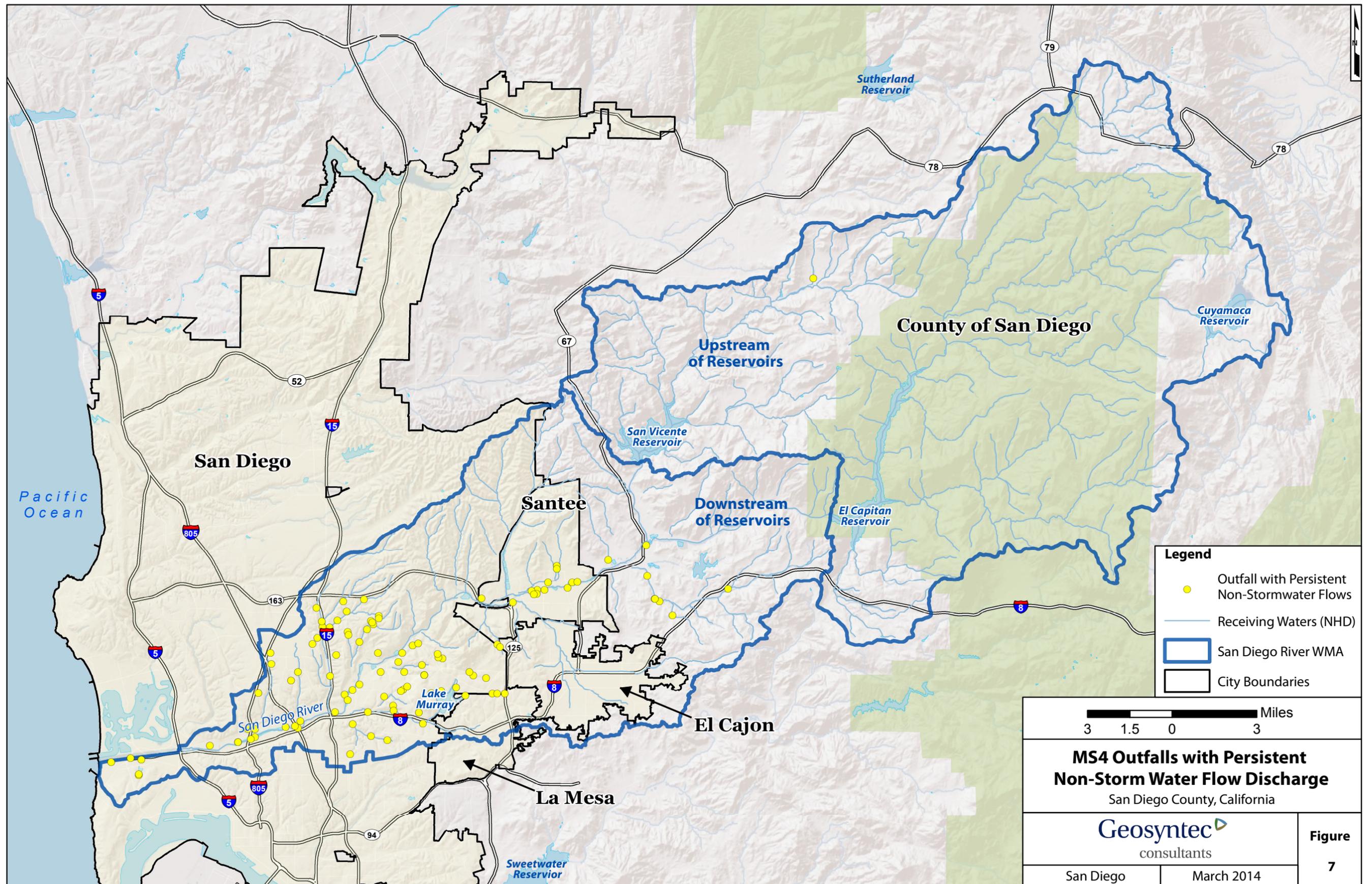


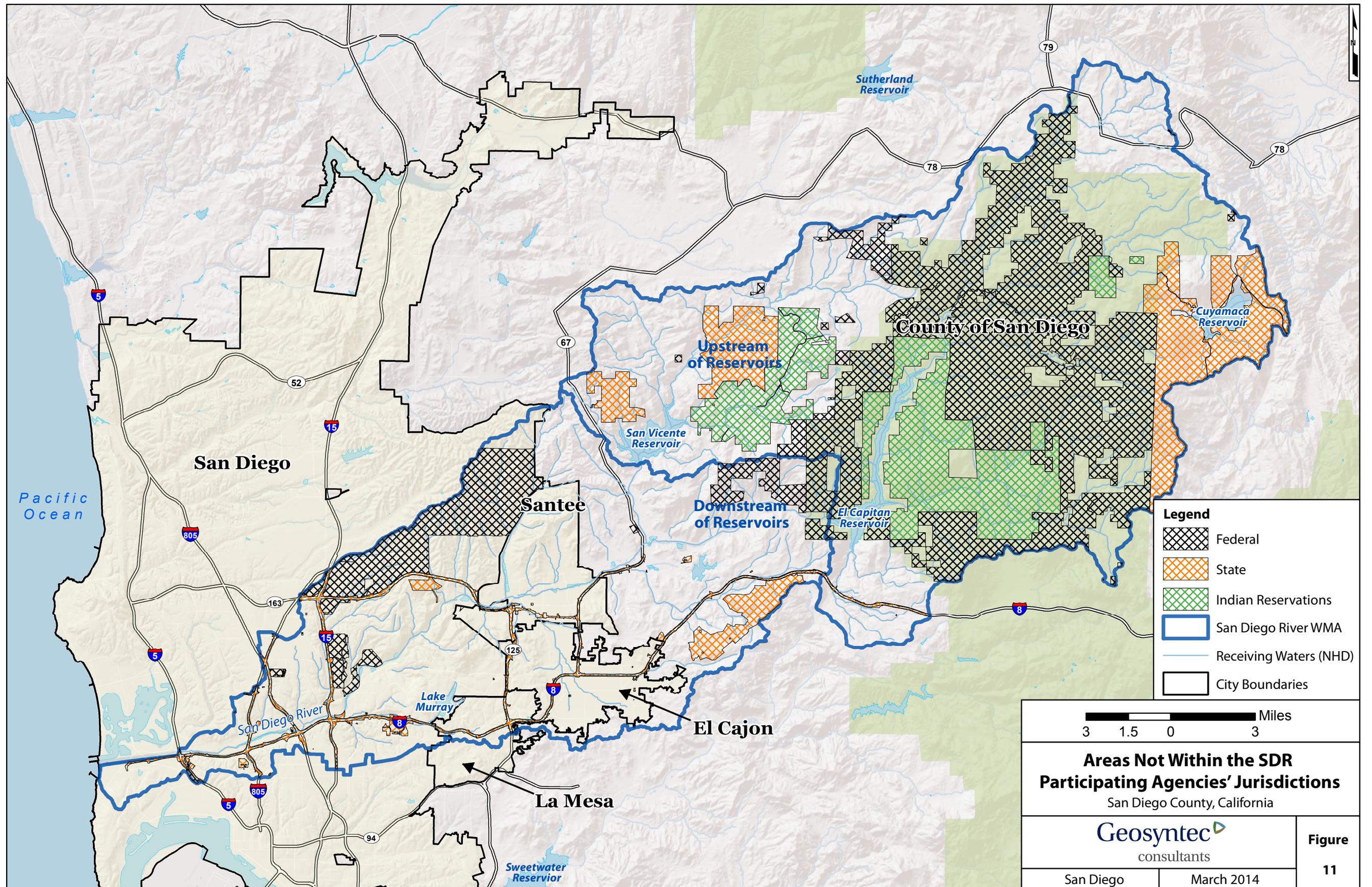


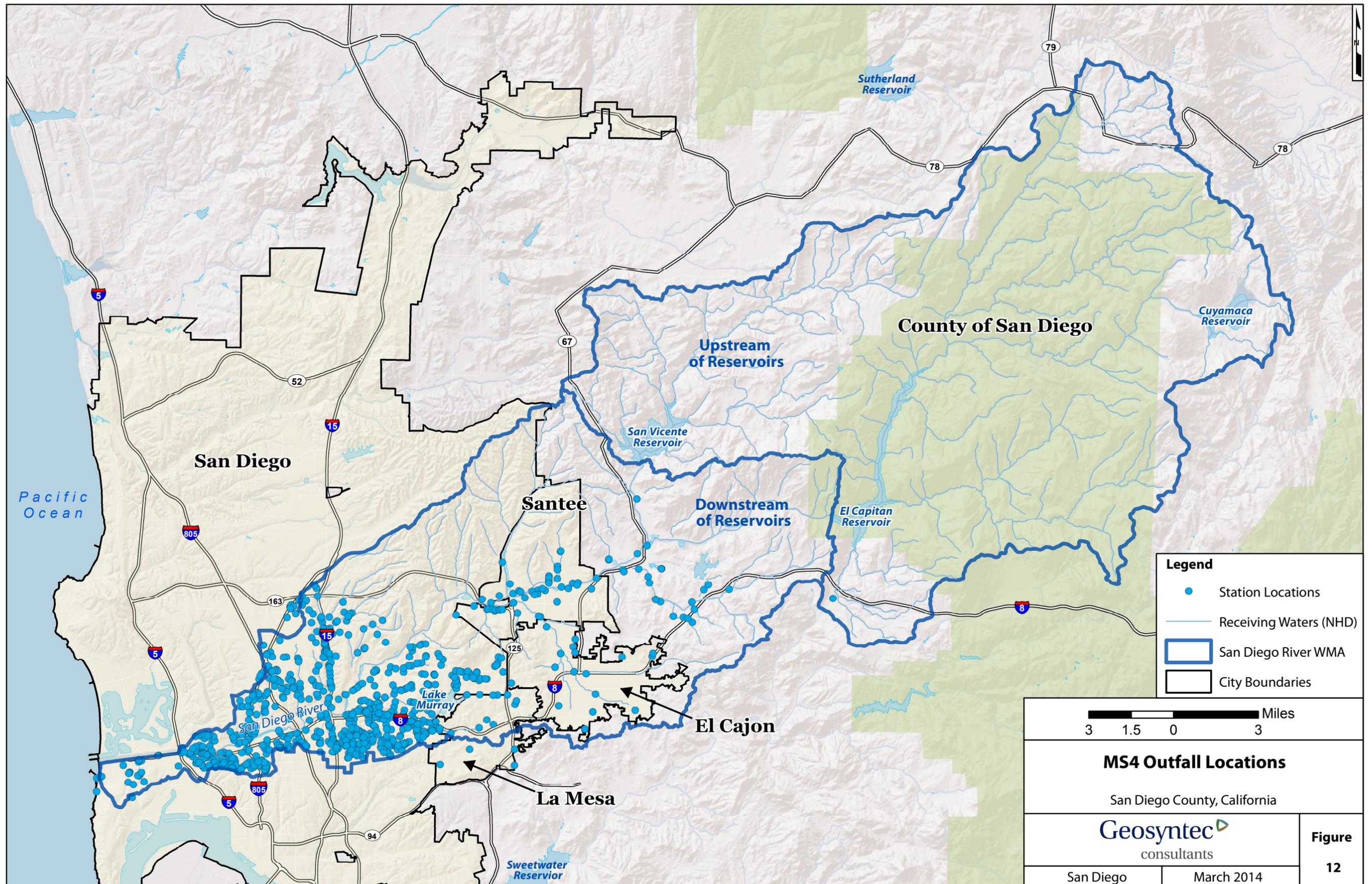






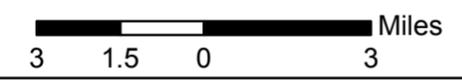






Legend

- Station Locations
- Receiving Waters (NHD)
- San Diego River WMA
- City Boundaries

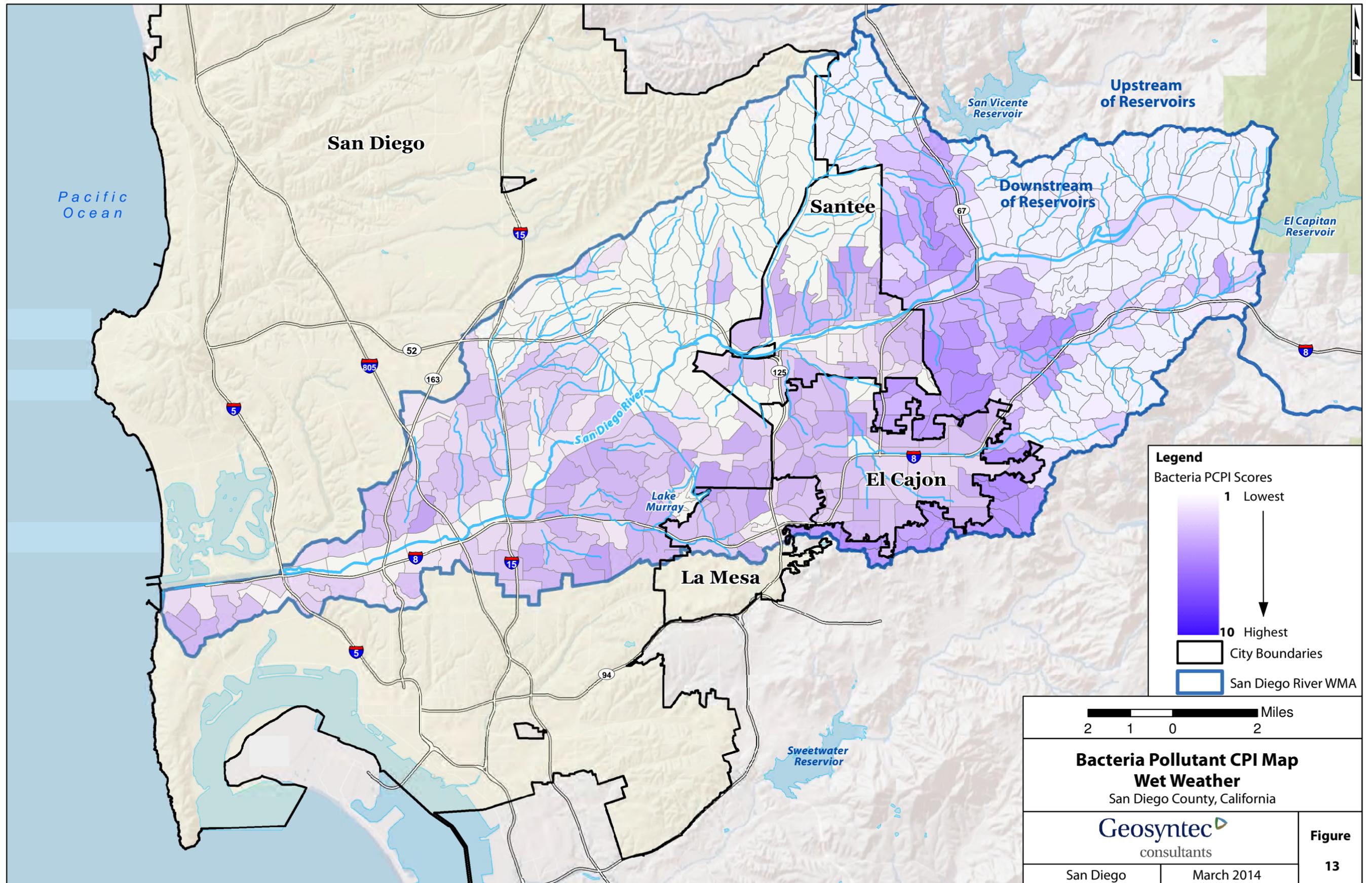


MS4 Outfall Locations

San Diego County, California

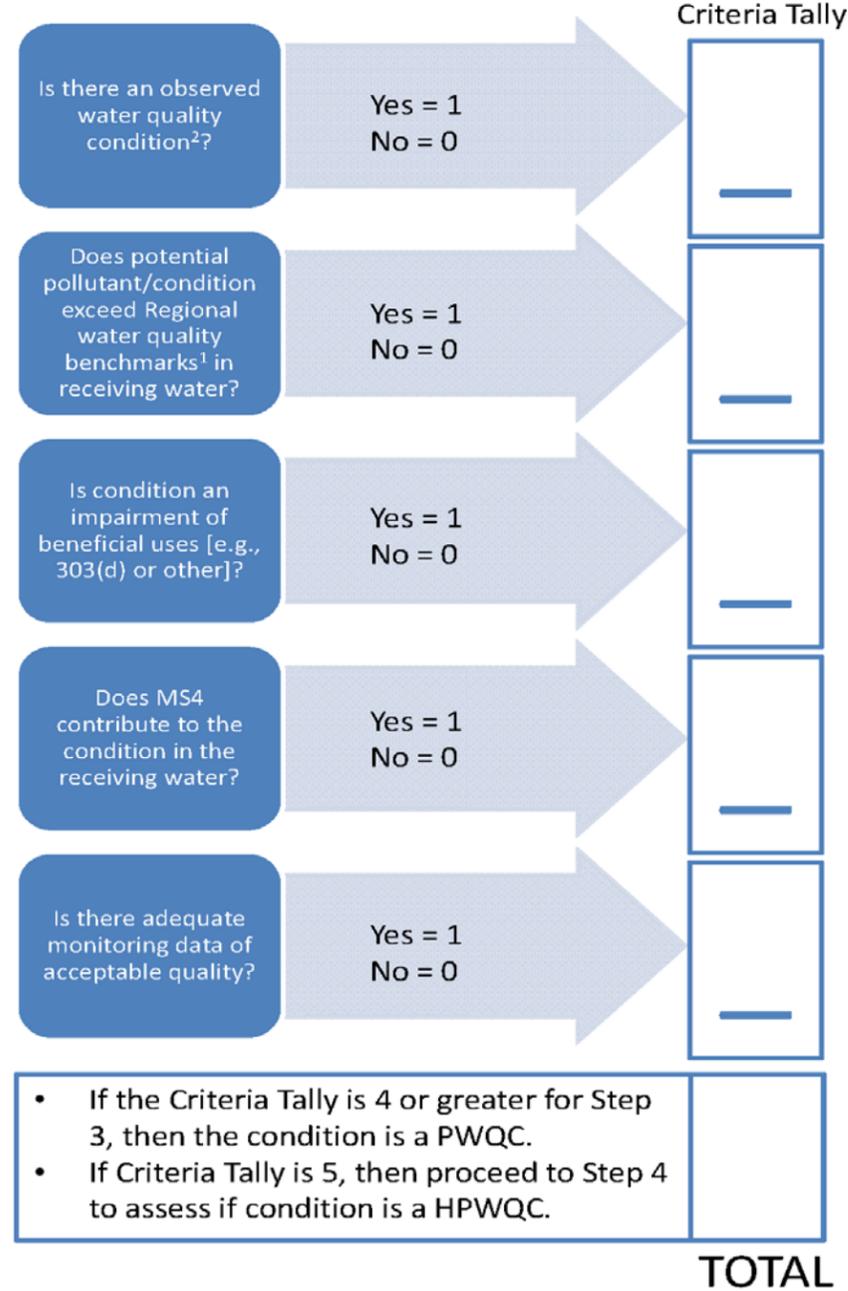
Geosyntec
consultants

San Diego	March 2014
Figure 12	

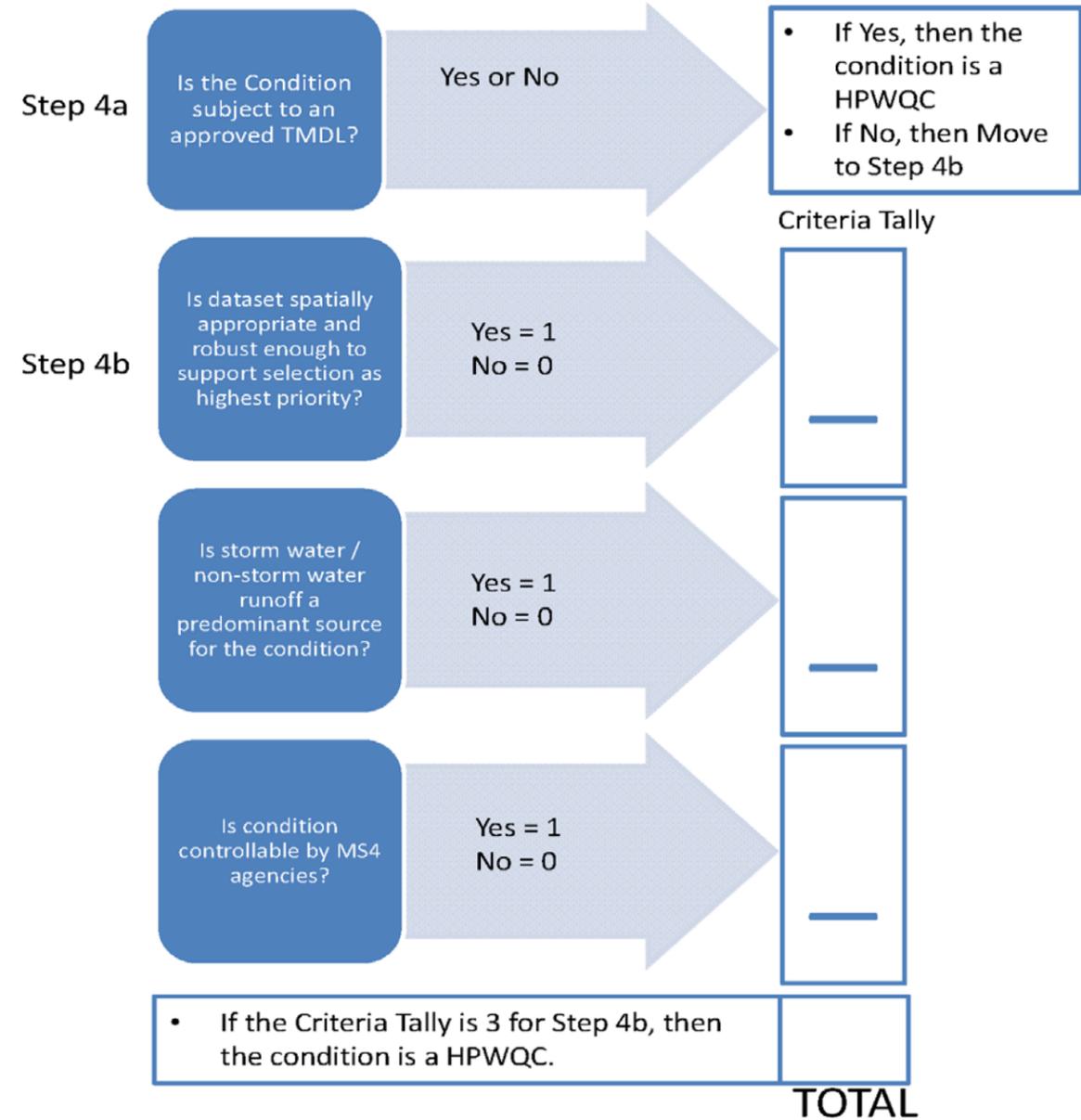


CHAPTER 2 – APPENDIX F: METHODOLOGY TABLE

Step 3: Priority Water Quality Condition Assessment³



Step 4: Highest Priority Water Quality Condition (HPWQC) Assessment³



Footnotes:

¹ Regional water quality benchmarks were developed by the San Diego Regional Monitoring Workgroup for use in assessing the regional monitoring program results.

² In addition to monitoring data, public input was collected to aid in identifying priorities.

³ Stormwater managers use Best Professional Judgment (BPJ) to aid in prioritization of programs and projects. Factors to be included limit the number of HPWQCs, and are based on consideration of multiple benefit effects of current BMPs and other jurisdictional programs, as well as the cost effectiveness of new strategies.

Figure 2F-1. Prioritization of Water Quality Conditions