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Table C-6-1
Receiving Water Conditions in the Tijuana River WMA

Hydrologic Area	Receiving Water	Condition	Temporal Extent		Basis
			Wet	Dry	
Lower Watershed					
Tijuana Valley (911.1)	Pacific Ocean Shoreline at 3/4 mile North of Tijuana River	Impairment of REC-1 due to Total Coliform, Fecal Coliform, and Enterococcus.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Pacific Ocean Shoreline at end of Seacoast Drive	Impairment of REC-1 due to Total Coliform, Fecal Coliform, and Enterococcus	x	x	2010 303(d) List
Tijuana Valley (911.1)	Pacific Ocean Shoreline, Tijuana HU, at Monument Road	Impairment of REC-1 due to Total Coliform and Fecal Coliform	x	x	2010 303(d) List
Tijuana Valley (911.1)	Pacific Ocean Shoreline, Tijuana HU, at the US Border	Impairment of REC-1 due to Total Coliform, Fecal Coliform, and Enterococcus	x	x	2010 303(d) List
Tijuana Valley (911.1)	Pacific Ocean Shoreline, Tijuana HU, at Tijuana River mouth	Impairment of REC-1 due to Total Coliform, Fecal Coliform, and Enterococcus	x	x	2010 303(d) List
Tijuana Valley (911.1)	Pacific Ocean Shoreline, Tijuana HU, at Tijuana River mouth	Possible presence of pathogens including viruses and specifically Hepatitis A.		x	Public workshop testimony.
Tijuana Valley (911.1)	Tijuana River	Impairment of REC-1 due to Indicator Bacteria.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Elevated Fecal Coliforms and Enterococcus at NPDES monitoring location.	x	x	Sampling results at MLS reported in LTEA and Weston Reports.
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Solids.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Sedimentation/Siltation.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Poor to fair stream substrate of mostly silt and consolidated clay.		x	Assessment at MLS station reported in LTEA and 2011-12 Weston Report.

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Detailed Table of Receiving Water Quality Conditions in the Tijuana River WMA

Hydrologic Area	Receiving Water	Condition	Temporal Extent		Basis
			Wet	Dry	
Tijuana Valley (911.1)	Tijuana River	Poor stream substrate with stream bed and banks of unconsolidated sand and silt and riparian buffer lacking canopy.		x	Assessment at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Elevated TSS at NPDES sampling location.	x	x	Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Elevated Turbidity at NPDES sampling location.	x	x	Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Impairment of REC-2 due to Trash.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Presence of trash at assessment site in 911.12 HSA.		x	Assessment at trash assessment site reported in 2010-11 Weston Report.
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Total Nitrogen as N.	x	x	2010 303(d) List Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Elevated Ammonia as N at NPDES sampling location.	x	x	Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Elevated Nitrite as N at NPDES sampling location.	x		Sampling results at MLS reported in Weston Report.
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Phosphorus.	x	x	2010 303(d) List Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.

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Hydrologic Area	Receiving Water	Condition	Temporal Extent		Basis
			Wet	Dry	
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Eutrophic conditions.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Benthic algae at NPDES sampling location.		x	Sampling results at MLS reported in LTEA and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Low DO.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Elevated BOD and COD at NPDES sampling location.	x	x	Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Pesticides.	x	x	2010 303(d) List Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Impairment of REC-1 due to Surfactants (MBAS).	x	x	2010 303(d) List Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Selenium.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Trace Elements.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Impairment of MUN due to Synthetic Organics.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River	Impairment of WARM due to Toxicity.	x	x	2010 303(d) List Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.

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Hydrologic Area	Receiving Water	Condition	Temporal Extent		Basis
			Wet	Dry	
Tijuana Valley (911.1)	Tijuana River	Benthic Alterations (poor to very poor IBI scores) at NPDES monitoring location.	x	x	Sampling results at MLS reported in LTEA and Weston Report and at TWAS-2 station reported in LTEA.
Tijuana Valley (911.1)	Tijuana River	Elevated oil and grease	x		Sampling results at TWAS-2 reported in LTEA.
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of REC-1 due to Indicator Bacteria.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of MAR due to Turbidity.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of REC-2 due to Trash.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of EST due to Eutrophic Conditions.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of MAR due to Low DO.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of EST due to Pesticides.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of EST due to Lead.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of EST due to Nickel.	x	x	2010 303(d) List
Tijuana Valley (911.1)	Tijuana River Estuary	Impairment of COMM due to Thallium.	x	x	2010 303(d) List

Hydrologic Area	Receiving Water	Condition	Temporal Extent		Basis
			Wet	Dry	
Upper Watershed					
Potrero (911.2)	Tecate Creek	Impairment of WARM due to Selenium.	x	x	2010 303(d) List
Potrero (911.2)	Tecate Creek	Elevated chloride at SMC Station.		x	Sampling results at SMC03510 station reported in Weston Report
Potrero (911.2)	Tecate Creek	Elevated sulfate at SMC Station.		x	Sampling results at SMC03510 station reported in Weston Report.
Potrero (911.2)	Tecate Creek	Benthic Alterations (poor to very poor IBI scores) at SMC Station.		x	Sampling results at SMC03510 station reported in Weston Report.
Potrero (911.2)	Tecate Creek	Elevated Total Nitrogen as N at SMC Station.		x	Sampling results at SMC03510 station reported in Weston Report.
Potrero (911.2)	Tecate Creek	Elevated Phosphorus at SMC Station.		x	Sampling results at SMC03510 station reported in Weston Report.
Potrero (911.2)	Tecate Creek	Elevated TDS at SMC Station.		x	Sampling results at SMC03510 station reported in Weston Report.
Potrero (911.2)	Tecate Creek	Presence of trash.		x	Upper Watershed Trash Assessment reported in WURMP annual reports.
Barrett Lake (911.3)	Barrett Lake	Impairment of WARM due to Total Nitrogen as N.	x	x	2010 303(d) List
Barrett Lake (911.3)	Barrett Lake	Impairment of MUN due to Manganese.	x	x	2010 303(d) List
Barrett Lake (911.3)	Barrett Lake	Impairment of MUN due to Perchlorate.	x	x	2010 303(d) List
Barrett Lake (911.3)	Barrett Lake	Impairment of MUN due to Color.	x	x	2010 303(d) List
Barrett Lake (911.3)	Barrett Lake	Impairment of MUN due to pH.	x	x	2010 303(d) List

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			Wet	Dry	
Monument (911.4)	Pine Valley Creek (Upper)	Impairment of MUN due to Turbidity.	x	x	2010 303(d) List
Morena (911.5)	Morena Reservoir	Impairment of MUN due to Ammonia as N.	x	x	2010 303(d) List
Morena (911.5)	Morena Reservoir	Impairment of WARM due to Phosphorus.	x	x	2010 303(d) List
Morena (911.5)	Morena Reservoir	Impairment of MUN due to Manganese.	x	x	2010 303(d) List
Morena (911.5)	Morena Reservoir	Impairment of MUN due to Color.	x	x	2010 303(d) List
Morena (911.5)	Morena Reservoir	Impairment of MUN due to pH.	x	x	2010 303(d) List
Cottonwood (911.6)	Cottonwood Creek (Tijuana River watershed)	Impairment of WARM due to Selenium.	x	x	2010 303(d) List
Campo (911.8)	Campo Creek	Benthic Alterations (poor to very poor IBI scores) at NPDES monitoring location.	x	x	Sampling results at TWAS-1 reported in LTEA and Weston Report.
Campo (911.8)	Campo Creek	Benthic algae at NPDES sampling location.		x	Sampling results at TWAS-1 reported in LTEA.
Campo (911.8)	Campo Creek	Elevated fecal coliforms at NPDES monitoring location.	x	x	Sampling results at TWAS-1 reported in LTEA and Weston Report.
Campo (911.8)	Campo Creek	Elevated <i>Enterococcus</i> at NPDES monitoring location.		x	Sampling results at TWAS-1 reported in LTEA and Weston Report.
Campo (911.8)	Campo Creek	Elevated TSS at NPDES sampling location.	x		Sampling results at TWAS-1 reported in LTEA.
Campo (911.8)	Campo Creek	Elevated Turbidity at NPDES sampling location.	x		Sampling results at TWAS-1 reported in LTEA and Weston Report.
Campo (911.8)	Campo Creek	Elevated Surfactants (MBAS) at NPDES sampling location.	x		Sampling results at TWAS-1 reported in LTEA.
Campo (911.8)	Campo Creek	Elevated Pesticides at NPDES sampling location.	x		Sampling results at TWAS-1 reported in LTEA.

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			Wet	Dry	
Campo (911.8)	Campo Creek	Elevated TDS at NPDES sampling location.	x	x	Sampling results at TWAS-1 reported in LTEA and Weston Report.
Campo (911.8)	Campo Creek	Elevated Phosphorus at NPDES sampling location.		x	Sampling results at TWAS-1 reported in Weston Report.
Campo (911.8)	Campo Creek	Toxicity		x	Sampling results at TWAS-1 reported in LTEA and Weston Report.
Campo (911.8)	Campo Creek	Presence of trash.		x	Upper Watershed Trash Assessment reported in WURMP annual reports.

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