

Tijuana River Valley Needs and Opportunities Assessment
Appendix A. Stakeholder Meeting Log

Stakeholder Group	Point of Contact	Date(s)	Discussion Point
Phase 1 - Data Collection			
Alter Terra	Oscar Romo	6/27/2018, 7/2/2018, 8/2/2018, 9/6/2018	Combination of email and phone communication on the implementation of Trash booms in Smuggler's Gulch
CA Coastal Conservancy	Sam Jenniches	7/3/2018, 7/19/2018	Email and phone communication. Identified the following reports for data collection: SWIA Sediment Transport Study, Temporal Investigations of the Marsh Ecosystem, Tidal Restoration Program EIR/EIS, and TJ River Valley Historical Ecology Investigation
CA DFW	Gail Sevrens Meredith Osborne	6/27/2018, 7/18/2018	Email and phone communication. Provided links to species and habitat information, sea-level rise impacts to coastal dunes, mapping of Border Field State Park, and Least Tern survey. Agency mainly functions as a granting agency for project in the River Valley.
CA EPA	Alejandro Rodarte Elizabeth King	7/3/2018, 7/19/2018, 7/26/2018	Email and phone communication. Provided Border Relations Council Reports on sewage spill issues and other projects such as Tire Flow Study, NADB Diversion Study, and New River Plan.
CalRecycle	Ken DaRosa	7/3/2018, 7/19/2018, 7/25/2018, 8/2/2018	Email communications. Provided CA Border Region Working Group Strategic Plan
CA State Parks	Chris Peregrin Robin Greene	7/3/2018, 7/16/2018	Email and in-person communications. State Parks provided data on dredging of Goat Canyon sedimentation basins and trash booms. Provided access to the Border Field State Park archives and information on the Custom and Border Patrol Industry Day.
City of Coronado	Tom Ritter Cliff Maurer	6/27/2018, 7/24/2018, 7/31/2018	Email and in-person communications. The City doesn't have any documents to share. They are primarily focused on getting funding to address water quality that impacts the coast. They coordinate with SIO on the ocean modeling/monitoring and expect additional funding to establish additional ocean water testing/monitoring.
City of Imperial Beach	Chris Helmer	6/27/2018, 7/12/2018	Email and phone communication. Provided some historic information related to impacts. Identified the following information and sources: Jeff Crooks with TRNERR is the "librarian" for the Recovery Team and project sponsor for the Historic Ecology Report for TJR Valley, Plume Tracking Study by Falk at SCRIPPS, trash tracking by Oscar Romo, Nelson-Sloan Quarry Restoration Planning led by Chris Peregrin, and Beach nourishment options for sediment disposal (SCOOP Program permit process created by SANDAG). City of IB provides equipment for the annual TJR Action Month.
City of San Diego	Brianna Menke Drew Kleis Alejandra Gavaldon	7/3/2018, 7/19/2018, 7/30/2018	Email, phone and in-person communications. They expressed concerns that there might be overlapping efforts. City provided a number of documents related to efforts in the River Valley. Provided an update on the Phase 1 Hydrology and Hydraulics study that they are partnering with the ACOE. They do conduct some water quality monitoring but only as required for the MS4 Tijuana Watershed Management Area WQIP. They recommended contacting Paul Ganster at SDSU to get information on work by Tijuana Verde.
County of San Diego	Deb Mosley (DPR) Todd Snyder (DPW) Sheri McPherson(DPW) Jo Ann Weber (DPW) Keith Kezer (DEH)	8/13/2018	Email communication. Received multiple documents from County Parks and Recreation Resource Management Team.
International Boundary Water Commission (IBWC)	Carlos Pena	7/3/2018, 7/19/2018, 7/24/2018	Email and phone communications. Carlos provided information on the 2015 bi-national agreement (Minute 320) provides stakeholder framework to address sediment, WQ and trash. The Sediment Workgroup is participating in the feasibility study on sediment basins for Tijuana River, expects to be done by end of 2018. The Trash Workgroup anticipates to begin a feasibility study for trash boom in Tijuana River if funding is available. US/Mexico is developing a WQ monitoring plan that will have bi-national results. IBWC continues to work bi-nationally to improve Mexico infrastructure. Available Documents include recent LiDAR data, flow data, WQ monitoring plan, Draft Investigative Order, and Minute 320 newsletters.

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Port of San Diego	Jason Giffen	6/27/2018	Email communication. The Port does not conduct monitoring in the Tijuana River Watershed Management Area. They referred to the monitoring occurring as part of the South Beach Ocean Outfall as conditions to the Waste Discharge Requirements in Order R9-2014-0071 and Order R9-2014-0009 along the Pacific shoreline of the Coronado HA 910.1. These permits establish a joint receiving water monitoring program for the South Bay Ocean Outfall and include weekly surf zone bacteria monitoring at 10 sites year round in accordance. As custodian of this data, the City of San Diego would be the appropriate contact. In addition, information about these sites can be found at the County of San Diego's Beach and Water Quality Program website (http://www.sdbeachinfo.com/).
San Diego Coastkeeper	Matt O'Malley	7/3/2018 9/6/2018	Email communication. Coastkeeper has conducted monitoring at three sites in the Tijuana River over a number of years. This data has been uploaded to CEDEN. Monitoring has included sediment sampling, and HF 183 to assist in determining whether the sediment transported into the Estuary can be used beneficially.
San Diego County Water Authority	Don Chadwick	6/27/2018, 7/19/2018	Email communications. No response received.
San Diego Regional Water Quality Control Board	David Gibson Melissa Corona	6/25/2018, 8/28/2018	Email and in-person communication. Referred to the draft Investigative Order for a list of the groups that are conducting monitoring. Historic information on the Tijuana River Valley Recovery Team can be found on the RWQCB website. Additional information on the River Valley can be obtained by looking at the Border 2020 meeting materials. They noted that we should check the status of the Brown Property and Nelson-Sloan Quarry restoration projects.
San Diego Surfrider Foundation and Citizens Against Sewage	Gabriela Torres Sharmane Estolano Carrie Jiampa Lance Rodgers (Citizens Against Sewage)	6/27/2018, 7/11/2018, 7/30/2018	Email and in-person communications. Surfrider is grateful for the recent efforts to control the dry weather flows but is concerned with the impacts that occur during rain events. They conduct water quality monitoring which can be found on their website. They have been coordinating with various groups, including Citizens Against Sewage, to come up with potential solutions. They identified the need to address ponded water conditions, and suggested that there is a potential for a bioremediation study to explore new and innovative technologies.
Southern California Coastal Water Research Project (SCCWRP)	Eric Stein John Griffen	6/27/2018, 7/5/2018, 8/2/2018	Email and phone communication. SCCWRP is primarily looking at beach impacts. There is an existing study that looked at on-shore verses off-shore water quality. They are currently conducting a study with EPA to look at the impacts to Imperial Beach from south swells. Other efforts they are involved in include sea level rise, wetlands impacts, and sediment impacts. They are partnering with the Coastal Conservancies sediment studies, and UC Irvine nitrogen flux studies (Prof. Jennifer Martiney - Biology).
Southwest Wetlands Interpretive Association (SWIA)	Mike McCoy John Boland Mayda Winter	7/3/2018, 7/16/2018, 8/2/2018	Email and in-person communication. SWIA is a non-profit organization that is dedicated to the education in and acquisition, preservation and restoration of wetlands. They partner with the National Estuarine Research Reserve. They are able to assist by providing access to State Parks repository of historical documents.
Tijuana River National Estuarine Research Reserve (TRNERR)	Jeff Crooks	7/3/2018, 7/16/2018, 8/2/2018	Email and in-person communications. Combined meeting with TRNERR, SWIA, USFWS, CA State Parks and UCI. Focus for improving the River Valley should be on natural systems. They would like to see that sediment maintenance activities replaced with natural circulation restoration through the implementation of the Tidal Restoration Program. They suggested that we check with Trent Briggs at SDSU on the Border 2020 Study. San Francisco Estuary Institute developed assessment of the TJ river natural process that occurred in 1850.
Tijuana River Valley Equestrian Association (TRVEA)*	Mary Johnson Powell	7/3/2018 7/19/2018	Email and in-person communications. TRVEA is dedicated to public access to trails in the River Valley and is interested in ways to maintain trails year-round and address localized flooding of trails.
UC Irvine	Kristen Goodrich	6/27/2018 8/2/2018	Email and in-person communications. UC Irvine is conducting a pilot project to develop a 'matrix of success indicators' with focus on adaptation to climate change. They are 2 years into developing a SedRISE (similar to FloodRISE) which will determine the right amount of sediment for the river. To date, data gaps have been identified, and a Tech Memo on modeling relative to fill on the Brown property sent to County DPR. The team has conducted numerous in-person interviews within TJRV (both sides of the border) to understand sediment, trash and flooding issues. They developed a FloodRISE model and viewer which depicts flooding based on numerous watershed conditions.

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US Army Corp of Engineers (ACOE)	Ed DeMesa	6/27/2018	Email communication. ACOE is partnering with the City of San Diego to develop Hydrology and Hydraulics study. Coordination on this effort will need to be with the City of San Diego.
US Customs and Border Protection (CBP)	Amber Craig John Petrilla	6/27/2018, 7/2/2018, 8/2/2018, 9/6/2018	Email and phone communications. CPB is conducting water quality monitoring of cross-border dry weather flows. They will share the results once complete. Other activities they conduct include O&M, Border fence replacement (drainage study).
US Environmental Protection Program (EPA)	Doug Liden Gabriela Baeza- Castaneda David Larson	7/25/2018	In-person communication. EPA provided a summary of activities they have been involved in including: Goat Canyon sediment/flood studies; ongoing Tijuana Diversion Study being conducted by Arcadis. This study is looking at alternatives to address dry and post-wet weather flows and is scheduled to be completed by end of 2018. They identified a need for additional monitoring to understand if cross-border flow are making it to the beach. They noted that there is a general lack of understanding of issues in Yogurt Canyon where development in Mexico is producing more dry-weather flows. They are working on infrastructure projects in Mexico for sediment BMPs. They provided a summary papers on cross border flows, trash, sediment, etc.; and a grant proposal for simulation model being done by SIO;
US Fish and Wildlife Service (US FWS)	Brian Collins Eddie Owens	6/27/2018, 7/1/2018, 8/2/2018, 7/24/2018	Email and in-person communications. US FWS manages the refuge which wants future studies to understand the tidal prisms to keep the river mouth from closing. Invasive beetle are causing impacts at the mouth of the river due to tree debris and beach replenishment activities caused adverse impacts to mouth of river due to the sand being more course than normal.
US Navy	Dana Lyons Jason Golumbskie- Jones	6/27/2018, 7/6/2018, 7/19/2018, 7/27/2018	Email and phone communications. Navy personal provided information on the Interated Natural Resources Management Plan for Naval Base Coronado which evaluates the environmental impacts associated with the Navel Outlying Landing Field Imperial Beach (NOLF IB) Fence Replacement Project which removes and replaces the existing perimeter fence and implements erosion protection. Information provided includes the Environmental Assessment of the fence project and a letter in repsonse to Representative Vargas answering questions about impacts to Navy training and operations from cross-border sewage spills and beach closures.
WILDCOAST/COSTASALVAJE	Paloma Aguirre	7/3/2018, 7/24/2018, 9/5/2018	Email and phone communications. WILDCOAST has been involved in the valley since 2007/2008. They facilitate voluteer clean-up events and can provide data on what has been collected. In 2010, they conducted a Trash Assessment and Georeferencing Project for City of SD. They do not have any data for WQ monitoring. They provided data on the Commission on Environmental Cooperation marine litter study and report from Calrecycle that describes the benefits of investing resources in Mexico to prevent tires in natural drainage pathways on Mexico side.
Scripps Institution of Oceanography (SIO)	Falk Feddersen	7/3/2018, 7/12/2018, 8/2/2018	Email and phone communications. SIO is interested in understanding how water mixes along the South Coast. They are developing numerical models to rack plumes and the influence of tidal flushing of the estuary and rain events. EPA provided a grant to simulate the 2017 wastewater spill.
San Diego State University (SDSU)	Paul Ganster Trent Biggs	8/2/2018, 8/9/2018	Email and phone communications. SDSU has been working in Goat Canyon since 2009 on a proeject to monitor the discharge and sediment loads into the estuary. This work is being funded by EPA. Ths effort includes some geochemical footprinting for sediment sources. They have published two atlases: TJR Watershed Atlas integrated data (IRSC.sdsu.edu), Urban Planning Atlas. They provided information on other studies including: Southwest Center for Environmental Research and Policy (EPA funded) specific studies, Victor Ponce studies on website for SDSU; master thesis at SDSU health issues in TJRV; efforts on policy for binational governance Minute 320; efforts in MX to pick up with 2005 management plan (COLEF); Ensenada study on flooding vulnerability (CICESC); SCCWRP study (journal articles); LiDAR differencing mapping sediment accumulation rates by PhD student (not published); Susanne Walther USD ongoing sediment studies in the estuary; COLEF studies on trash, management plans;
Phase 2 - Project Coordination			
IBWC	Carlos Pena Jose Numez (Acting Commissioner)	8/2/2018	IBWC Stakeholder meeting. Overview of their mission and updates on efforts related to PBCILA, workgroups, and sediment study.
Arcadis	Joel Mora	8/17/2018	Conference call with Arcadis to provide County data and information relaveant to the data collection for the Tijuana River Diversion Study sponsored by NADB
City of San Diego Corp of Engineers	Army Brianna Menke	9/6/2018	Tour of TJ River valley in preparation for the development of the Phase 2 Hydrology & Hydraulics model development.

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Tijuana River Recovery Team	Steering Committee Members	10/17/2018	Update on SB 507 effort Data collection and gap analysis
San Diego/Tijuana Transboundary Pollution Stakeholders	EPA Sponsors with IBWC and elected officials and members of the public	10/18/2018	EPA Sponsored workshop to review efforts to address Tijuana River transboundary flows and indentify salient technical and financial dolutions. County SB 507 team presented an update on the data collection, gap analysis, and next steps for SB 507
Tijuana River Recovery Team	Steering Committee	11/13/2018	Update on SB 507 effort
Tijuana River Recovery Team	Steering Committee	12/17/2018	Update on SB 507 effort
IBWC	David Buras (Stantec) Carlos Pena Padinare Unnikrishna	1/8/2019	Presentation on the 30% Submittal of Feasibility Study for Sediment Basins Tijuana River and Tributaries. County team reviewed the 30% submittal and provided written comments.
Tijuana River Recovery Team	Steering Committee	1/22/2019	Update on SB 507 effort
Government Accountability Office (GAO)	Farah Angersola	2/6/2019	The County team hosted the GAO on a tour to the Tijuana River Valley. The GAO, on behalf of the House Transportation and Infrastructure Committee, is preparing a report on the Border Issues. The County team provided an overview of SB 507 effort, County Regional Park Vision, our relationship with IBWC, and the impacts to the County as a result of the transboundary flows.
Surfrider and 4Walls	Gabriela Torres Chris Wyland (4Walls) Committee members:	2/7/2019	Discussed the Surfrider Stakeholder Solution and proposed project for diverting flows at the border. 4Walls gave an update on their effort. Both entities have agreed to share information with the County team to be included in the SB 507 study.
DPR Park Advisory Committee	Rob Hutsel Rodger Utt Doug Goad Susie Murphy Edmund Spaeth Mike McCoy Bert Long Ashley Jaques	2/8/2019	Overview presentation on the SB 507 effort http://www.sdparks.org/content/dam/sdparks/en/pdf/PACMeetings/PAC%20Mins%202-08-19%20Approved.pdf
Surfrider and US Custom and Border Patrol	Patrick Martin (Surfrider) Amber Craig (CBP) Chris Harris (CBP) Dexter Wilson	2/15/2019	Meeting to discuss Surfrider Stakeholder Solution
Trash Free Waters	Joan Isaacson Jack Hughes	2/25/2019	Trash Free Waters is an EPA sponsored program. Kearnes & West staff provided an overview of the Trash Free Waters effort. The County team provided an overview of the SB 507 effort. Together the group siscussed opportunities for possible collaboration.
San Diego Regional Water Quality Control Board	David Gibson Melissa Corona	2/25/2019	Coordination meeting with RWQCB Executive Officier and staff to discuss the potential projects abd mangement strategies for the SB 507 study. The meeting explored early project ideas and possible regulatory problems that these projects might encounter.
IBWC	Carlos Pena Dawi Dakhil	3/5/2019	Meeting with IBWC to discuss current use and operation of the SBIWTP and possible treatment options for SBIWTP that can be included in the SB 507 Study.
City of San Diego	Stephen Cahn Richard Snow	3/7/2019	Meeting with the City of San Diego Wastewater Engineers to discuss the current use and operations of the SBWRP and SBOO, and explore possible treatment options for SBWRP that can be included in the SB 507 study.
Stantec	David Buras	3/19/2019	Phone call to discuss project alternatives for the TJR Sediment Feasibility Study
Brown Property Restoration Team	County DPR staff Wayne Chang Brianna Menke Bryn Evans	3/20/2019	Meeting to discuss status and results of the Brown Property Restoration Hydrology and Hydraulics model results.
Tijuana River Recovery Team	Steering Committee	3/21/2019	Update on SB 507 effort
Scripps Institute of Oceanography	Falk Feddersen	5/7/2019	Meeting with Dr. Feddersen to discuss ocean current models and results of dye study and the possible implications of the Tijuana River transboundary flows may have on beach water quality.
Tijuana River Valley Bacteria Indicator and Trash TMDL CEQA Scoping Meeting	River Valley Stakeholders	5/15/2019	SDRWQCB hosted CEQA scoping meeting for the development of a TMDL for bacteria indicator and trash in Tijuana River Valley
IBWC Citizens Forum	IBWC Citizens Forum	6/6/2019	Presentation from the North American Development Bank on the TJ River Diversion Study

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Tijuana River and New River Transboundary Sewage Stakeholder Meeting	EPA Sponsors with IBWC and elected officials and members of the public	6/5/2019	EPA Sponsored meeting to explore technical and financial solutions to address transboundary flows and identify the next steps towards solutions. County SB 507 team presented an update on the draft project list and next steps for SB 507.
Tijuana River Recovery Team	Steering Committee	6/17/2019	Presented an update on the progress and distributed the project list.
IBWC	David Buras (Stantec) Carlos Pena Padinare Unnikrishna	6/27/2019	Presentation on the 60% Submittal of Feasibility Study for Sediment Basins Tijuana River and Tributaries. County team reviewed the 60% submittal and provided written comments.
IBWC	Jinwei Qiu (AECOM) Carlos Pena Padinare Unnikrishna	7/18/2019	Presentation on the IBWC Levee Rehab Project 60% Design. AECOM, IBWC consultant, presented design alternatives. County team reviewed the 60% submittal and provided written comments.
City of San Diego	Brianna Menke Thomas Rosales Alejandra Gavaldon	7/19/2019	Meeting to discuss the projects and get their feedback on the pros/cons on the water quality projects prior to the public workshop.
SB 507 NOA Public Workshop	Community Members	7/25/2019	County presentation to the general public on the 26 potential projects. Meeting held at San Ysidro Community Center. Estimated attendance of 80 people.
Border Water Project Financing Opportunities meeting	EPA Sponsors with IBWC and elected officials and members of the public	8/26/2019	EPA Region 9 Mike Stoker led meeting with representatives from local elected officials to discuss solutions to the sewage crossing the border. Outcome of the meeting is the need to prioritize projects,
Citizens for Coastal Conservancy (C4CC) and local residents	Leon Bennam Mitch McKay John Rinden Daniel Lopez Dane Crosby Jeffery Brown Cinnamon Clark	8/28/2019	C4CC requested a meeting with the County team to discuss their project concept for the Tijuana River Valley. Joining them were several members of the adjacent communities representing Imperial Beach, Nestor, San Ysidro, and the community of Coral Gates.
City of San Diego and Supervisor Cox Office	Supervisor Greg Cox	9/5/2019	County team staff meeting with Supervisor Cox to discuss project alternatives and respond to questions posed by the City of San Diego
USEPA	Doug Liden	9/9/2019	Call to discuss NOA project alternatives and comparison to NADB Diversion Study
IBWC Citizen Forum		9/12/2019	SB 507 update presented at the USIBWC citizen Forum meeting.
USEPA	Doug Liden David Smith Doug Eberhardt	9/17/2019	Conference call to coordination on projects. Discussed upcoming coordination meeting with local implementing agencies to discuss the differences and similarities of the proposed projects. Goal is to see how close we are to a list of projects, and what constraints and unknowns still need to be explored.
Tijuana River Recovery Team	Steering Committee	9/19/2019	County presentation on the project alternative evaluation. Extended Recovery Team comment period to 10/4/19
RWQCB	David Gibson	9/26/2019	Discussion on how to represent the update of the Recovery Strategy in the SB 507 NOA report.
IBWC Engineer	Wayne Belzer	10/23/2019	Meeting with Water Quality Engineer from IBWC to discuss assumptions made on Alternatives C & D.
Tijuana River Stakeholder Meeting	EPA Sponsors with IBWC and elected officials and members of the public	10/31/2019	EPA initiated and County hosted meeting to provide updates on the San Diego Delegation visit to Washington DC, Priority projects proposed from Local Cities, Assessment of wastewater infrastructure options by EPA, update on IBWC sediment study and O&M, and a update on SB 507.
IBWC Citizen Forum	IBWC and members of the public	12/5/2019	Presentations by Dan Hendrickson, President of Libre Energy Corporation, on the use of electrocoagulation to treat wastewater (TJ River sewage flows) and Leon Benham, Executive Director of Citizens for Coastal Conservancy (C4CC) on ideas on how to clean up the river and stop cross border flows.
Arcadis	Joel Mora John Sparks	12/6/2019	Discuss the assumptions made on the diversion projects and how these related to the 35 mgd proposed project in the NADB Diversion Study
Tijuana River Recovery Team	Steering Committee	12/17/2019	County provided an update on the SB 507 study, including the Alternatives evaluation and project list.
Border Projects Technical Discussion	Doug Eberhardt David Smith Gabriela Baeza-Castaneda	1/9/2020	EPA and County discussion on the assumptions for Alternative D, Diversion and treatment of Tijuana River.