Appendix A to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Stage I Reconnaissance, Investigation, Planning & Design, and Construction Work Plan

MUNICIPALITY OF SAN JUAN

MUNICIPAL STORM WATER SEWER SYSTEM (MS4) RECONNAISSANCE, INVESTIGATION, PLANNING & DESIGN, AND CONSTRUCTION WORK PLAN

Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			PRIORITY AREAS BY	DNER PUMP STATION	NS		
		Minillas	Minillas Sector	December 2016	December 2017	December 2018	December 2022
		San Mateo	San Mateo Sector	December 2016	December 2017	December 2018	December 2022
De Diego	Santurce	Bayola	Bayola Community	December 2016	December 2017	December 2018	December 2022
		Pozo del Hato	Northern part of Pozo del Hato Sector	December 2016	December 2017	December 2018	December 2022
		Condadito	Northern part of Condadito Sector	December 2016	December 2017	December 2018	December 2022
		La Zona	Figueroa and La Colectora communities	December 2016	December 2017	December 2018	December 2025
Cton 10	Continue	Figueroa	Figueroa Sector	December 2016	December 2017	December 2018	December 2025
Stop 18	Santurce	Hipódromo	Hipódromo Community	December 2016	December 2017	December 2018	December 2025
		Pozo del Hato	Southern part of Pozo del Hato Community	December 2016	December 2017	December 2018	December 2025

¹ 2010 Census

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
		Gandul	Gandul Community	December 2016	December 2017	December 2018	December 2025
		Alto del Cabro	Southeast part of Alto del Cabro Community	December 2016	December 2017	December 2018	December 2025
		Campo Alegre	Campo Alegre Community	December 2016	December 2017	December 2018	December 2025
		Trastalleres	Trastalleres Community	December 2016	December 2017	December 2018	December 2025
		Pulguero	Pulguero Sector and Community	December 2018	December 2019	December 2021	December 2025
		San Juan Moderno	San Juan Moderno Community	December 2018	December 2019	December 2021	December 2025
		Machuchal	Machuchal Community	December 2018	December 2019	December 2021	December 2025
		Chicharo	Chicharo Community	December 2018	December 2019	December 2021	December 2025
Baldorioty		Seboruco	Seboruco Community	December 2018	December 2019	December 2021	December 2025
de Castro	Santurce		Northern part of Loiza Sector	December 2018	December 2019	December 2021	December 2025
		Loiza	Southern part of Loiza Sector	December 2018	December 2019	December 2021	December 2025
		Maria Moczo	Maria Moczo Community	December 2019	December 2020	December 2021	December 2025
		Herrera	Herrera Sector and Community	December 2019	December 2020	December 2021	December 2025
		Villa Palmeras	Villa Palmeras Community	December 2019	December 2020	December 2021	December 2025

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
		Ocean Park	Ocean Park Sector, and Ocean Park, Santa Teresita, and Park Boulevard Residential Developments	December 2019	December 2020	December 2021	December 2025
		Las Marías	Las Marías Sector and Punta Las Marías Residential Development	December 2019	December 2020	December 2021	December 2025
		Shangai	Northern part of Shangai Sector and streets surrounding Luis Llorens Torres Public Housing Project	December 2019	December 2020	December 2021	December 2025
		Merhoff	El Checo Community	December 2019	December 2020	December 2021	December 2025
			PRIORITY AF	REAS 1A TO 1E			
1A	Santurce	Obrero	Barrio Obrero and La Marina communities	Oct 2012 - Sep 2013 Completed	December 2021	December 2022	December 2029
		Obrero	Buena Vista Community	December 2015	December 2021	December 2022	December 2029

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
	Hato Rey Central	Las Monjas	Buena Vista Community	December 2015	December 2021	December 2022	December 2029
	Oriente	Borinquen	Bitumul Community	December 2015	December 2021	December 2022	December 2029
	Oriente	San Jose	Israel Community	December 2015	December 2021	December 2022	December 2029
		Condadito	Southern part of Condadito Sector	Oct 2013 – Sep 2014	December 2021	December 2023	December 2029
		Pozo del Hato	Southern part of Pozo del Hato Sector	Completed	December 2021	December 2023	December 2029
		Villa Palmeras	Villa Palmeras Sector and streets surrounding Luis Lloréns Torres Public Housing Project	Completed	December 2021	December 2023	December 2029
1B	Santurce	Trastalleres	Trastalleres Sector and streets surrounding Los Lirios Public Housing Project		December 2021	December 2023	December 2029
		Parque	Parque Community		December 2021	December 2023	December 2029
		Condado	El Condado Sector		December 2021	December 2023	December 2029
		La Zona	La Zona Sector	December 2015	December 2021	December 2023	December 2029

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
		Bolívar	Bolívar Sector and Community, and the streets surrounding the San Juan Bautista Public Housing Project	December 2020	December 2022	December 2024	December 2029
		Melilla	Melilla Community	December 2020	December 2022	December 2024	December 2029
		Marruecos	Marruecos Sector	December 2020	December 2022	December 2024	December 2029
	Santurce	Hoare	Hoare Sector and Community	December 2020	December 2022	December 2024	December 2029
1C		Miramar	Miramar Sector and Residential Development	December 2020	December 2022	December 2024	December 2029
		Minillas	Minillas Sector	December 2020	December 2022	December 2024	December 2029
		San Mateo	San Mateo Sector and Community	December 2020	December 2022	December 2024	December 2029
		Condadito	Southern part of Condadito Sector	December 2020	December 2022	December 2024	December 2029
		Hipódromo	Hipódromo Sector and Community	December 2020	December 2022	December 2024	December 2029
		Isla Grande	Isla Grande and Miraflores sectors	December 2020	December 2022	December 2024	December 2029
		Buenos Aires	Buenos Aires Sector	December 2021	December 2023	December 2025	December 2029
1D	Santurce	Obrero	Obrero Sector	December 2021	December 2023	December 2025	December 2029
		Martín Peña	Martín Peña Sector	December 2021	December 2023	December 2025	December 2029

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Priority Area	Ward	Sub ward ¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
		Sagrado Corazón	Sagrado Corazón Sector	December 2021	December 2023	December 2025	December 2029
		Las Palmas	Las Palmas Sector and Community, and streets surrounding Las Casas Public Housing Project	December 2021	December 2023	December 2025	December 2029
		Monte Flores	Monte Flores Sector and Residential Development	December 2021	December 2023	December 2025	December 2029
		Shangai	Southern part of Shangai Sector, and Shangai and Playita communities	December 2021	December 2023	December 2025	December 2029
		Merhoff	Merhoff Sector and Miraflores, Merhoff, and Los Pinos communities	December 2021	December 2023	December 2025	December 2029
		Mernon	Streets surrounding Villa Kennedy Public Housing Project	December 2021	December 2023	December 2025	December 2029
		Las Casas	Las Casas Sector; Cantera, Santa Elena, Condadito Final, and Bravos de Boston communities; and the streets surrounding El Mirador and Las Margaritas public housing projects	December 2021	December 2023	December 2025	December 2029

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Priority Area	Ward	Sub ward ¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
	Hato Rey Norte	Puerto Nuevo	La Kennedy and Puerto Nuevo sectors, and the streets surrounding Nemesio Canales Public Housing Project	December 2022	December 2024	December 2026	December 2029
1E		Eleanor Roosevelt	Eleanor Roosevelt Sector, and Roosevelt, Ext. Roosevelt, and La Milagrosa residential developments	December 2022	December 2024	December 2026	December 2029
		Martín Peña	Martín Peña Sector	December 2022	December 2024	December 2026	December 2029
		El Vedado	Martín Martell and El Vedado sectors, and Huyke, El Vedado, and Baldrich residential developments	December 2022	December 2024	December 2026	December 2029
	Hato Rey Sur	Hyde Park	Baldrich Residential Development	December 2022	December 2024	December 2026	December 2029

Appendix A.1 to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

List of Communities Covered Under Stage II Reconnaissance, Investigation, Planning & Design, and Construction Work Plan

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MUNICIPALITY OF SAN JUAN

MUNICIPAL STORM WATER SEWER SYSTEM (MS4) RECONNAISSANCE, INVESTIGATION AND PLANNING & DESIGN PROPOSED WORK PLAN

Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road PRIORITY AREA 2	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
	Gobernador Piñero		-Industrial Bechara and Industrial Juliá sectors -Puerto Nuevo Norte and Puerto Nuevo Sur urbanizations -Borinquen community				
2A	Gobernador Piñero		-Gobernador Piñero sector -Villa Borinquen, Caparra Heights, San Patricio Gardens, Summit Hills, Mansiones de Altamira, and Altamira urbanizations -La Marina community				

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¹ 2010 Census

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
	Gobernador Piñero		-Gobernador Piñero sector -Villa Magna, Las Lomas, Reparto Landrau, and La Riviera urbanizations -Monacillos community -Streets surrounding Villa España, Santa Elena, and Vista Hermosa Public Housing Projects				
	Monacillo Urbano		Monacillos community				
	Gobernador Piñero		-Caparra Terrace, Las Américas, Reparto Metropolitano, and Ext. Reparto Metropolitano urbanizations				
2B	El Cinco		-Industrial El Cinco sector -Villa Los Olmos, Villa Las Américas, Jardines Metropolitanos, Villa Nevárez, Antonsanti, Belisa, and El Paraíso urbanizations -El Cinco community				

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Priority Area	Ward	Sub ward ¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
		Las Monjas	-Las Monjas sector -Héctor Piñero urbanization -Parada 27, and Las Monjas communities				
		Ciudad Nueva Floral Park	-Ciudad Nueva sector -Modelo community -Floral Park urbanization				
2C	Hato Rey Central	Quintana	-Ruintana sector -Báez, Dávila y Llenza, and Pérez Morris urbanizations -Los Mitas, Quintana, El Relincho, Jurutungo, and Aldea del Bien communities -Streets surrounding Torre de Francia, Quintana, César Cordero Dávila, and Emiliano Pol Public Housing Projects				
	Hato Rey Sur	Bella Vista La 37	-Bella Vista sector -La 37 sector -Blondet community				

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Priority Area	Ward	Sub ward ¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-Streets surrounding Beatriz Lasalle				
			Public Housing Project				
		Santa Rita	-Santa Rita urbanization				
		Hyde Park	-Hyde Park sector				
			-University Gardens, Cabrera, and				
			Hyde Park urbanizations				
			PRIORITY AREA 3				
		Borinquen	-Borinquen sector				
		San José	-San José sector				
			-Embalse San José and Villa				
24	Onionto		Clemente urbanizations				
3A	Oriente		-Cayo Hueso, Villa Clemente, Sierra				
			Maestra, and Plebiscito communities				
			-Streets surrounding San José Public				
			Housing Project				
		San José	-San José sector				
3B	Oriente		-San José, Truman, and Rosendo				
			Matienzo Cintrón urbanizations				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
		López Sicardó Auxilio Mutuo	-Streets surrounding San José II, Jardines de la Nueva Puerta de San Juan, and Manuel A. Pérez Public Housing Projects -López Sicardó sector -Dos Pinos, Los Maestros, Villa Granada, Open Land, and Las Delicias urbanizations -San Felipe and Victoria communities -Streets surrounding López Sicardó, El Prado, El Trébol, and Los Peña Public Housing Projects -Auxilio Mutuo Sector -González urbanization				
	Universidad	Valencia Institución Amparo	-Valencia urbanization -Institución sector -Amparo sector				
3C	Pueblo	Río Piedras Antiguo	-Río Piedras Antiguo sector				
30		Capetillo Ubarri	-Capetillo community -Ubarri sector				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-García Ubarri urbanization				
		Buen Consejo	-Buen Consejo sector				
			-Buen Consejo community				
		Venezuela	-Dr. Dávila urbanization				
			-Venezuela community				
		Monte Rey	-Monte Rey sector				
			-Monterrey, Cambridge Park, Reparto				
			Contemporáneo, and La				
			Experimental urbanizations				
			-Streets surrounding Park Court				
			Public Housing Project				
	El Cinco		Venezuela community				
			-Sabana Llana Norte sector				
			-Villa Olímpica, Las Virtudes, Jardines				
			de Campollano, Villa Prades, Villa				
	Sabana		Navarra, and Villa Sevilla				
3D	3D Llana Norte		urbanizations				
			-Hill Brothers Norte, Jerusalem, and				
			Parcelas Falú communities				
			-Streets surrounding Las Orquídeas,				
			Ramos Antonini, Jardines Sellés, Las				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			Camelias, Jardines de Berwind,				
			Jardines de Campo Rico, and Valles				
			de Berwind Public Housing Projects				
			-Sabana Llana Norte sector				
			-Country Club, Ext. Country Club, and El Comandante urbanizations				
3E	Sabana Llana Norte		-El Polvorín community				
36			-Streets surrounding Jardines de				
			Country Club and Flamboyán Public				
			Housing Projects				
			Trousing Frojects				
			-Sabana Llana Sur sector				
			-San Agustín, América, San Luis,				
			González Seijo, Alameda, Ext. San				
			Agustín, San Antonio, Reparto				
	Sabana		Universitario, Park Gardens, Hills				
3F	Llana Sur		Mansions, Villa Andalucía, Venus				
			Gardens, Venus Gardens Norte,				
			Venus Gardens Oeste, and Río				
			Piedras Valley urbanizations				
			-Cepero I and Cepero II communities				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-Streets surrounding Leopoldo				
			Figueroa, El Alcázar, Jardines del				
			Paraíso, Villa Andalucía, and Antigua				
			Vía Public Housing Projects				
		Г					
			-Capuchino and Sabana Llana Sur				
			sectors				
			-Hollywood, Vosburg, Villa Capri, Ext.				
			Town Park, Town Park, Ext. Villa				
			Capri, J. Rivera Rivera, Alturas de				
			Capuchino, Parque de Monte Bello,				
			Berwind Estates, Alturas de Berwind,				
3G	Sabana		Highland Park, Monte Carlo, María				
30	Llana Sur		Luisa, Colinas de Monte Carlo,				
			Mansiones de San Martín, Vista del				
			Atlántico, Ciudad Central I, Colinas				
			Verdes, La Vista, San Martín, and				
			Club Manor urbanizations				
			-Bulón, Los Peña, Hill Brothers Sur,				
			Santo Domingo, and Hernández				
			communities				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-Streets surrounding Las Dalias, Monte Park, Jardines de Monte				
			Hatillo, and San Martín Public				
			Housing Projects				
			PRIORITY AREA 4				
		Ballajá	-Ballajá sector				
		Mercado	-Mercado sector				
			-La Perla community			Design	
		Catedral	-Catedral sector				
		Marina	-La Puntilla and Marina sectors				
4A	San Juan	San Francisco	-San Francisco sector				
44	Antiguo	San Cristóbal	San Cristóbal sector				
		Puerta de Tierra	-Puerta de Tierra sector				
			-Streets surrounding Puerta de Tierra,				
			San Agustín, Falansterio, San				
			Antonio, and Parques de San Agustín				
			Public Housing Projects				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
4B	Monacillo Urbano		-Los Ranchos and Monacillo Urbano sectors -Las Lomas, Parque Mediterráneo, Sevilla Biltmore, Los Frailes Norte, Santiago Iglesias, Altamesa, College Park, Ext. College Park, Parques de Santa María, Parque San Ignacio, College Park 4ta Ext., Villa Aida, Las Marías, Ext. Santa María, Santa María, San Francisco, Villas de San Francisco, Villas de San Ignacio, San Ignacio, El Cerezal, Reparto De Diego, Paradise Hills, Río Piedras Heights, Reparto Luchetti, Ibernia, Del Pilar, Caribe, and Villa Canales urbanizations -Polvorín, Tierra Santa, Vista Alegre, and Yambele communities -Streets surrounding San Fernando, El Manantial, and Las Amapolas Public Housing Projects				
	Monacillo		-Monacillo sector				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-Alturas de Santa María, Collegeville,				
			Fontainebleu Village, Parque de				
			Bucaré, Alejandrino, Alturas de				
			Caldas, Horizons, San Juan Gardens,				
			La Cumbre, Laurel, La Cumbre 2, Ext.				
			Alameda, La Cumbre 3 y 4, Romany,				
			Mansiones de Romany, Romany				
			Park, Jardines de Romany, Villas del				
			Pilar, Villas de Paraná, El Escorial, El				
			Remanso, Quintas de Cupey, Alturas				
			del Remanso, Paraná, Crown Hills,				
			and Paraíso Oeste urbanizations				
			-Streets surrounding Alejandrino and				
			Villa Esperanza Public Housing				
			Projects				
			-El Veinte, Los Reyes, Sierra Brava,				
			and Lourdes sectors				
4C	Tortugo		-Challets de Santa Clara, Santa				
40	Tortugo		Clara, Beverly Hills, Roseville, and				
			Ext. Roseville urbanizations				
			-Tortugo and La Corte communities				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-Los Reyes, Los Solá, La Loma, Las				
			Cruces, Los Colones, Paracochero,				
	Quebrada		Los Cruces, Los Sánchez, Los López,				
	Arenas		Los Navarro, and El Buen Pastor				
	7 (101100		sectors				
			-Hollywood Hills, Estancias del Río,				
			and Lomas del Sol urbanizations				
			Julito, Los Cátala, El Hoyo,				
			Betancourt, El Minao, Los Romero,				
			Serrano, and Los Cocos sectors				
			-Apolo, Bucaré, Alto Apolo, Monte				
			Apolo Estates, García, Caldas,				
			Mansiones y Jardines de Caldas,				
	Caimito		Milaville, Mirador Milaville, Hill Side,				
	Calllillo		Monte Alvernia, La Alameda,				
			Borinquen Gardens, Mirador de				
			Borinquen Gardens, Monte Verde				
			Real, Alturas de Borinquen Gardens,				
			La Campiña, Parque Forestal, and				
			Mansiones de Villanova, and				
			Guerrero urbanizations				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			-Vietnam y La Marina, Minao, Chapero, Barrio Dulce, Puntito, Corea, and Parcelas Canejas communities				
	Monacillo		Caldas urbanization				
4D	Caimito		-Caimito, Los Ramírez, Los Viera, Los Bigio, Los Benítez, Los Cotto, Los Figueroa, Morcelo, and Los Sánchez sectors -Montehiedra, Las Flores de Montehiedra, Los Campos de Montehiedra, Senderos de Montehiedra, Los Árboles de Montehiedra, Brisas del Valle, and Laderas de San Juan urbanizations				
	Cupey		-Cupey, Los González, Los Andino, Los Marrero, Las Piedras, El Mudo,				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			Los Pastrana, La Cuchilla, and Los Guayabos sectors -Colinas de Cupey, Los Choferes, Los Lirios, Colinas de Fair View, Reparto San Rafael, Mirador de Cupey, and Ciudad Señorial urbanizations -Las Curías community				
4E	Cupey		-Cupey and Industrial Víctor Hernández sectors -Ext. San Gerardo, Redondel El Dorado, El Dorado, San Gerardo, Villa Olga, La Sierra del Monte, Riberas El Señorial, Villas del Este, Húcares, Laderas de Palma Real, El Señorial y 2da Ext., Villa Húcar, Paseo Real, Paseo de la Fuente, Paseo Sereno, Paseo Mayor, Paseo Las Vistas, Paseo Alto, Paseo del Prado, Paseo de San Juan, Paseo del Parque, Paseo de las Brisas, Sagrado Corazón, Ext. Sagrado Corazón, Pem				

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Priority Area	Ward	Sub ward¹	Sector / Urbanization / Community / Street / Road	Reconnaissance Schedule	Investigation Schedule	Planning and Design Schedule	Complete Construction Schedule
			Court, Purple Tree, Litheda, El Vigía,				
			Mansiones de Río Piedras, Villas de				
			Cupey, Fair View, Veredas del Monte,				
			La Alborada, La Rosa, Rivieras de				
			Cupey, Jardines de Cupey, Cupey				
			Gardens, Los Adoquines, Portal de				
			Los Pinos, and Monte Atenas				
			urbanizations				
			-Hoyo I community				
			-Streets surrounding Brisas de				
			Cupey, Jardines de Cupey, Litheda,				
			and Alturas de Cupey Public Housing				
			Projects				

Appendix A.2 to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Reserved for Stage II Work Plan

Appendix A3 to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Reserved for Stage II Phase IV Work Plan Schedule

Appendix B to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Urgent Action Registry

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CLAIM DATE	CLAIM NO.	REFERRED BY	ALLEGATION	STREET	NEIGHBOR HOOD SUB-\	WARD	WARD	COORDINATE	LAND USE	DRAINAGE BASIN	MSJ-IDDE INSPECTION	DISCHARGE TYPE	RECEIVING BODY	RESPONSIBLE PARTY	PENALTY	ACTION PLAN	FOLLOW UP	STATUS
6/13/2012		EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in photographs P1040013 ("013") through 017 in Attachment 1, the Sewer Maps and 2009 CSA Report Inspection Sheets in Attachment 2a there is a relatively deep rectangular sewer along the north side of the South Marginal road along the Baldorioty de Castro Expressway (PR-26). As described in Attachment 2a-3, CSA identified a strong fuel odor coming from the structure/sewer J6d-S006 on July 28, 2009. A gas station is located across the marginal road from this structure. As shown in photograph 013 a remnant sorbent boom was seen in the sewer during the EPA inspection. The photographs 013, 014, 016 and 017 also show a PVC pipe with a dry weather flow entering the sewer. There was a significant dry weather wastewater flow in the box sewer towards the east. There was a strong sewage odor in the sewer. A screening sample was collected in the box sewer and analyzed with field strips. Ammonia levels were greater or equal to 6 mg/l and pH was 6.5. Based on review of the PRASA Sanitary Sewer Maps Attachment 2a-2, discussions with PRASA personnel Eng. Yanira Cosme and Eng. Hector Cepeda on March 21st, this box sewer was thought to be the PRASA Sanitary Sewer. Slightly to the north and east of the sanitary sewer described above, in paragraph 1.a.i, there was a manhole leading to a deep sewer, the sewer was only visible via small rectangular cutout in a metal structure, and below that was a sewer. There was dry weather flow in this sewer. Please identify the source(s) of the dry weather flow in this sewer, and where this sewer ultimately leads to.	Baldorioty de Castro Expressway (PR-26) South of Expressway and North side of South Marginal Road at Degetau	Lo	iza	Santurce			Laguna Los Corozos								Received
6/13/2012		EPA Recon Inspection 3/19/2012 and 3/21/2012	The box sewer flowing east along the north side of the South Marginal Road continues to the east of Calle Betances. Additionally, as shown in photographs 018 through 020 there was a dry weather flow in a circular sewer (approximately 24" - 36") flowing from south to north under the expressway near Calle Betances. The sewer was viewed from a manhole beneath the Baldorioty Expressway in line with Calle Betances, as shown in photograph 020. A screening sample was collected in this circular and analyzed with field strips, Ammonia levels were approximately 3 mg/l and the pH was approximately 7 S.U. On March 21st, EPA and a PRASA crew placed dye in teh box sewer described in 1.a.i above at the manhole at Degetau (upstream of Betances) and no dye was seen in this circular sewer. The MSJ stormsewer map (Attachment 2a-1) identifies a 24" line in this area that flows on Calle Betances from south to north. MSJ, PRASA and/or PRDOT/PRHTA must confirm the owned of this sewer identified in Attachment 2a-1, identify the source(s) of the dry weather flow in this sewer, and where this sewer ultimately discharges to.	Baldorioty de Castro Expressway (PR-26) and Calle Betances	Lo	oiza	Santurce			Laguna Los Corozos								Received

6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in photographs 024 to 027 and 045 there is a concrete structure with 2 manholes, beneath the southern portion of the expressway just west of Calle Tapia. Within the structure is a double barrel sewer, flowing south and converging into one sewer pipe which then flows south into the box sewer along the north side of the Southern Marginal Road, that is described in paragraph 1.a.i above. There were large amounts of cockroaches within the structure and a strong sewage odor. Screening samples for ammonia showed a result of greater or equal to 6 mg/l and a pH of 7. As show in Attachment 2a-2, the PRASA Sanitary Sewer map does not contain a sewer in this location flowing south. The MSJ Storm Sewer map shows a 48" line near this location and flowing southeast towards another storm sewer located underneath the center of the expressway. PRASA, MSJ, and/or DTOP must clarify the owner of this sewer, diameter, provide maps of this sewer line identify the source(s) of the dry weather flow in this sewer, and where this sewer ultimate leads. Additionally, as shown in photograph 027 and 042, there was an accumulation of material in the west barrel of the sewer (the uppermost pipe shown in photo 027). On March 21st a Hector Cepeda and Yanira Cosme Faric met with the two EPA inspectors at this location. Mr. Cepeda thought that this was a sanitary sewer.	Below the Southern Portion of the Baldorioty de Castro Expressway (PR-26) just west of Calle Tapia	Loiza	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in photographs 034 and 035 there is a manhole underneath the Expressway (under the southern (eastbound lanes)) at Calle Del Río that has an accumulation of sediment. As shown in photos 036 and 037 there was another manhole under the expressway at Del Río where roaches water and sediment were seen in the manhole. Sediment and debris should be removed from manholes. Another manhole underneath the northern portion of the expressway was opened at Calle Del Río was opened. Flow in the sewer was heard but not seen. (Photos - 038 to 040 show the area under the Expressway at Del Río). Attachments 2a-1 and 2a-2 are the MSJ MS4 Map and the PRASA Sanitary Sewer map respectively for the area that includes Calle Del Río. The PRASA map shows a 24" line crossing from north to south under the expressway at Calle Del Río. This sewer was not located. Accurate storm and sanitary maps of the sewers for the storm sewers tributary to the DNER Baldorioty de Castro and the PRASA Los Corozos Pump Stations are needed from PRASA, MSJ and/or DTOP. Photograph 041 shows the sanitary sewer flowing east, on the south side of the South Marginal road of the Baldorioty de Castro Expressway at Calle Del Río.	Below the Baldorioty de Castro Expressway (PR-26) at Calle Del Río	Loiza	Santurce	Laguna Los Corozos			Received
6/13/2012	Inspection 3/19/2012 and	A PRASA crew and EPA opened a manhole adjacent to the Texaco station on the east side of Calle Degetau, that was south of the South Marginal road of the Expressway. The manhole had a large amount of debris and was in need of cleaning. (See Photograph 046).	South of the Baldorioty de Castro Expressway - South Marginal Road at Calle Degetau	Loiza	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in Photo 047 there was a surcharged manhole on the west side of Calle Betances, north of north marginal road. Please identify the owner of this sewer, and explain the reason for the surcharged sewer and what has or will be done to correct this. As shown in photographs 48 and 49 there is a stormwater catch basin on the north side of the north marginal road that enters a sewer. The sewer was thought, by PRASA representatives, to be a sanitary sewer, MSJ/PRASA/DTOP must indicate if this is, in fact a sanitary sewer, and if so, reroute the storm water flow to a storm sewer.	North of Baldorioty de Castro Expressway North Marginal Road and Calle Betances	Loiza	Santurce	Laguna Los Corozos			Received

6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As described in the 2009 CSA report (see attachments 2c-1 to 2c-4) the structures at this location are obstructed and the water in the sewer was near the top of the manhole. EPA inspectors opened manholes and observed that the storm sewer at this location had standing/stagnant water in it (See Photos 028 and 029). The sewer should be cleaned/repaired so that there is not standing water and to ensure adequate storm drainage in the area.	Ave. Gilberto Monroig and Calle Santa Cecilia	Seboruco	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	There was a broken water line on Calle Santa Cecilia north or Calle Barbosa the flow was seen entering the storm sewer. (See Photo 030).	Santa Cecilia - Calle Barbosa	Seboruco	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	The storm sewer at this location had standing/stagnant water and there were cockroaches seen inside the sewer manhole. As described in the 2009 CSA report (see Attachment 2d-2) identified that there was potentially a sanitary discharge into this storm sewer. The sewer is in need of cleaning and potential illicit connections/discharges must be investigated and necessary follow up actions should be taken.	Calle Vizcarrondo and Ave. Gilberto Monroig	Villa Palmeras	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	There was standing water and a small trickle of flow entering the storm sewer at this location. A screening sample for ammonia and pH was collected at this location and the results were 1 mg/l and 6.5 S.U. respectively. As described in the 2009 CSA report (See Attachments 2e-1 through 2e-5), the structures are in need of cleaning and storm inlets may be improperly connected into the sanitary sewer (see Att. 2e-2 and 2e-3)	Calle Buena Ventura and Ave. Gilberto Monroig	Shanghai	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	The storm sewer at this location was flowing during dry weather. A screening sample for ammonia and pH was collected at this location and the results approximately 1 mg/l and 6.5-7.0 S.U. respectively. The 2009 CSA report (See Att. 2f-2) identified that there was a constant slow flow with a septic odor, and cockroaches at this manhole. CSA indicated that there could not be sanitary sewage in the storm sewer that would need to be disconnected from the storm sewer.	Calle Fajardo and Ave. Gilberto Monroig	Shanghai	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	There are two adjacent sewer manholes at this location. The wastewater in the north manhole had a sewage odor. A screening sample for ammonia and pH was collected at this location and the results approximately 1 mg/l and 6.0-6.5 S.U. respectively. The sewer beneath the south manhole had a flow and the wastewater had a strong sewage odor. A screening sample for ammonia and pH was collected at this location and the results approximately 3 mg/l and 6.5 S.U. respectively. The 2009 CSA report (See Attachment 2f-3.i) indicated that there was a strong sewage odor at this location and recommended that the presence of sanitary sewage be verified and disconnection (from storm sewer and connection to sanitary sewer) work occur if necessary.	Calle Juncos and Ave. Gilberto Monroig	Shanghai	Santurce	Laguna Los Corozos			Received

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6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	(Manholes K7c-S064 and K7c-S065)- The 2009 CSA reports identify 2 parallel sewers each that should be further investigated for the presence of sewage. (See Att. 2g-2 to 2g-3). Manhole K7c-S064 was said to have stagnant/standing water and a septic odor. Manhole K7c-S065 had a strong odor, was flowing, but also had sediment deposited in the sewer. These manholes were not evaluated by EPA, however given this and the above information, the storm sewers along Ave. Gilberto Monroig int he Villa Palmeras neighborhood must be cleaned and Illicit Discharge Detection and Elimination work conducted in these storm sewers.	between Calle Merhoff and	Shanghai	Santurce	Laguna Los Corozos			Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As described in the 2009 CSA Report, Attachment 3a, CSA identified a dry weather flow, with a sewage odor, from a sewer into Quebrada Buena Vista at the intersection with PR-21. As shown in photographs 051 and 053 there was an ongoing dry weather discharge from this sewer into the west side of Quebrada Buena Vista just south of the PR-21 bridge, but the flow appeared considerably less than the flow identified in the CSA report photos (See Att. 3a). As shown in photos 050 and 052 there was a road and sewer pipeline project ongoing, south of PR-21 over and adjacent to the Quebrada Buena Vista.	PR-21 Intersection with Quebrada Buena Vista		El Cinco	Quebrada Buena Vista	3		Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in photographs 054 and 055 there was a dry weather flow from below section of bridge, into the east side of Quebrada Buena Vista, south of the photos taken in paragraph C.1 above.	New Road Section of PR- 21 Intersection of Quebrada Buena Vista		El Cinco	Quebrada Buena Vista	1		Received
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in photographs 061 through 072 there was an overflow of sanitary wastewater from a manhole into the parking lot behind the bicycle shop located on 1500 Marginal Bori (PR-1). There were pieces of toilet paper in the wastewater seen flowing up from the manhole, the wastewater had a strong sewage odor. A screening sample of the water in the puddle showed an ammonia level of 6 mg/l or greater and a pH of 7 S.U. The parking lot also serves the Class Auto Tech Corp shown in photograph 072. The workers at the bike shop and auto shop (Fast Parts, Inc.) indicated that this overfow has been ongoing, off and on, for 1.5 to 2 years, and the flow increases when it rains. The workers said that the building shown in photograph 068 and 070 can no longer be used due to the sewage overflow. As shown in photographs 067 the wastewater was flowing directly into Quebrada Mongil from the parking lot and was also flowing into a storm water inlet as shown in photos 069, and 071. EPA inspector/engineer Alex Rivera reported the overflow to his PRASA contact, Eng. Yanira Cosme at the time of the overflow. Based on information from Eng. Rivera, following the inspection PRASA did take some corrective actions related to this Sanitary Sewer Overflow. Based on Eng. Rivera's conversations with Eng. Yanira Cosme, PRASA began taking actions to control the overflow the following day. On April 2, 2012 Eng. Rivera conducted a follow-up inspection at the referred area along with PRASA's Eng. Hector Cepeda; and found two (2) eight (8) inch pipes that apparently were serving as an overflow from the sanitary manhole into the stormwater manhole. This situation was reported to Eng. Yanira Cosme immediately. On an additional follow-up inspection conducted by Eng. Rivera at the	1500 Marginal		El Cinco	Commercial Quebrada Mongil	1/27/2014: MSJ visited the location and did not find sanitary sewer overflows.	MSJ will revisit the site.	Open
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	EPA took screening samples at the Calle Galileo Bridge over Quebrada Buena Vista, just upstream of the point where the Quebrada Buena Vista flows into the Rio Piedras River (See Photos 096 and 097). Ammonia and pH levels in the Quebrada Buena Vista at this point were 3 mg/l and 7 S.U., respectively.	Quebrada Buena Vista at the Rio Piedras River		El Cinco	Residential Quebrada Buena Vista	1		Received

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6/13/2012	Inspection 3/19/2012 and 3/21/2012	As described in the 2009 CSA Reports (See Attachment 4b-1 and 2), CSA identified that there was a dry weather discharge at this location. As shown in photographs 073-076, taken during the March 21, 2012 EPA inspection (between 1:45 and 2:00 PM), there was a moderate dry weather flow into the Río Piedras River from the box sewer at Calle Sorbona and Calle Salamanca. As shown in photographs 077 and 078, there was a moderate flow in the storm sewer just upstream of the discharge point. Ammonia screening sampes taken at the discharge point had levels of approximately 0.5 mg/l to 1 mg/l and the pH was approximately 7 S.U. As shown in photograph 079, the sanitary sewer manhole at this location was opened and the wastewater, was at a high level in the sewer, and appeared to be stagnant.	Calle Sorbona and Calle Salamanca	University Gardens Residential Developmen t	Hato Rey Sur	Residential Río Piedras	4/9/2015: MSJ found a continuous and considerable dry weather flow of what appears to be wastewater, based on sanitary odor, and flow turbidity and color. The flow was observed coming out of the outfall to the Río Piedras and inside a storm catch basin in the street.	Río Piedras	MSJ started to trace the flow upstream but lost track of the storm sewer system. MSJ will schedule a camera inspection of the storm sewer in this area to identify the source of the wastewater flow. MSJ shared the findings with PRASA via email on 4/9/2015.	Open
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As described in the 2009 CSA Reports (See Attachment 4c-1 and 4c-2), CSA identified that there was a dry weather discharge that contained sanitary wastewater from this box sewer discharge at this location on August 26, 2009. As shown in photographs 083, 084, and 086, taken during the March 21, 2012 EPA inspection (at approximately 2:15 PM), there was a significant dry weahter flow into the Río Piedras River from the box sewer at Calle Sorbona and Calle Princeton. Ammonia screening samples taken at the discharge point had levels of approximately 6 mg/l and the pH was about 7 S.U. As shown in photographs 085 and 087 and as witnessed during the inspection there were pieces of toilet paper seen in the discharge and algal growth in and around the discharge. There was also a strong sewage odor at the discharge point. As shown in photograph 081, the sanitary sewer manhole at this location was opened and the sewer was surcharged.	Calle Sorbona and Calle Princeton	University Gardens Residential Developmen t	Hato Rey Sur	Residential Río Piedras	4/9/2015: MSJ found a dry weather flow inside a storm catch basin that appeared to be wastewater due to sanitary odor and flow turbidity. A water fall could be heard from inside the storm pipe north of the catch basin. A nearby sanitary manhole was surcharged and showed slow flow velocity.	Río Piedras	MSJ will schedule a camera inspection of the storm sewer in this area to identify the source of the wastewater. MSJ shared the findings with PRASA via email on 4/9/2015.	Open
6/13/2012	Inspection 3/19/2012 and 3/21/2012	As described in the 2009 CSA Reports (See Attachment 4d-1 and 2), CSA identified that there was a dry weather discharge that appeared to contain sanitary wastewater. As shown in photographs 089, 090, 093, EPA inspectors on March 21, 2012 (Approx 2:30 PM), identified a relatively small dry weather discharge into the Rio Piedras River with a sewage odor and characteristics (e.g. toilet paper). As shown in photograph 088 the sanitary sewer at this location was not surcharged and was flowing in the direction away from Calle Princeton and Salamanca.	Calle Sorbona and Calle Loyola	University Gardens Residential Developmen t	Hato Rey Sur	Residential Río Piedras	4/9/2015: MSJ found a dry weather flow inside a storm catch basin that was clear and odorless.	Río Piedras	MSJ will schedule a camera inspection of the storm sewer in the area to identify the source of the dry weather discharge. The grate will be opened to collect a sample for screening.	Open
6/13/2012	3/19/2012 and 3/21/2012	As described in Attachment 5a-1, 2, and 3, the 2009 CSA Report identified a large discharge with a sewage odor into the Quebrada Doña Ana at Calle Américo Miranda, in the Caparra Heights, Reparto Metropolitano section of MSJ. The EPA inspectors tried, but did not locate this discharge point during this inspection. MSJ and PRASA must work to locate and characterize the nature of the discharge at this outfall and repair as necessary and report to EPA.	Ave. Américo Miranda	Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Commercial Quebrada Dor Ana	7/7/2014: MSJ visited this area for another claim, but found the stream was clear and odorless. No discharges were identified to the stream in this location.			Open

6/13/2012	EPA Recon Inspection 3/19/2012 and	EPA inspectors identified a dry weather flow from a pipe beneath a bridge at Calle 29 and Calle 37 into the north side of the Quebrada Doña Ana. The discharge from a rectangular culvert can be seen in photographs 104, 107, and 108. The discharge was white and appeared to contain paint. EPA inspectors, could not access this discharge point to take screening samples. See MSJ's MS4 map in attachment 5a-3.	Calle 29 and Calle 37 and Quebrada Doña Ana	Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Quebrada Doña Ana	found a dry weather discharge from a round sewer under the 29th Street bridge directly into the creek. A catch basin on the northwest corner at the nearby intersection of Americo Miranda Ave. and 29th St. was receiving a sanitary flow from the west. This flow was traced to an overflowing sanitary connection cleanout at the corner of De Diego and Americo Miranda avenues. No	Quebrada Doña Ana	PRASA	MSJ notified PRASA of the sanitary overflow and discharge into the creek.	Open
6/13/2012	EPA Recon Inspection 3/19/2012 and 3/21/2012	As shown in photographs 109 and 110 there was a dry weather discharge into the north side of the Quebrada Doña Ana that was located in between Calle 21 and Calle 29. The discharge pipe is located near the back of Aqua Sports and Kayak Shop located at 1166 Ave. Américo Miranda. EPA Inspectors did not access this outfall.	Quebrada Doña Ana between Calle 21 and 29		Gobernador Piñero	Commercial Quebrada Doña Ana	7/7/2014: MSJ did not find dry weather discharges at this location. Stream flow was clear and odorless.				Open
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	There was a double barrel round sewer that had a dry weather flow at this location. The outfall on the west side of the Quebrada was covered with vegetation and there was a sewage odor. (Photos DSCN0006 ("6"), 7, and 8 contain photos of this area.) Note that some maps depict this area as part of Carolina (even though it is on the west side of the Quebrada) and others depict this area as part of San Juan. Regardless of the outfall location, it is possible that the collection system for this outfall extends into San Juan. The 2009 CSA Report for this location (see Attachment 2a) shows 2 outfalls at this location, Q15d-S005a and S006a. The CSA report for outfall S006a indicates there that MSJ should verify whether there is a possible connection with the sanitary system at this location.	Calle Belén Zequeira and Quebrada San Antón (West Side of Quebrada) - Sabana Llana Country Club								
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	As shown in photographs 9 and 10 (Attachment 1) there was a trickle of dry weather flow discharging into the west side of Quebrada San Antón from the outfall. This discharge was identified in the 2009 CSA Report (see Attachments 2b.2 - 2b.4) as R15c-S001a indicates that MSJ should verify whether there is a possible connection with the sanitary system at this location. Maps of the area indicate that this outfall is whitin the Municipality of San Juan.	Calle Hernández and Calle Carlos De La Torre (Just north of School)								
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	A) As shown in photograph 11 and 12 (Attachment 1) there was a manhole that was missing a manhole cover. Pallets of wood were placed in and on the manhole, but the missing cover poses a safety rish that should be replaced. B) As described in the 2009 CSA Report (see attachments 2b-4 and 2b-5) which indicates that MSJ should verify whether there is a possible connection with the sanitary system at this location, outfall R15c-S003a, at or about Calle Ledru and Calle De La Torre.	Calle Ledru and Calle De La Torre	Country Club Residential Developmen t	Sabana Llana Norte	Residential Quebrada San Antón	4/21/2015: MSJ found a dry weather discharge that appears to be wastewater, based on appearance and odor.	San Antón Canal		MSJ will schedule a camera inspection of the storm sewer system in the area to identify the source of the wastewater flow.	Open

8/31/2012	Inspection 4/23/2012 and	While the exact location of this Quebrada Antón discharge was not identified on the CSA Maps, CSA in 2009, as shown in attachment 2b-6 and 7, indicated that MSJ should verify whether there is a possible connection with the sanitary system at this location.	Calle De La Torre - Q15d- S004a					
8/31/2012	Inspection 4/23/2012 and	As shown in photograph 20 there was a small dry weather discharge from this outfall at this location into Quebrada San Antón. Some algal growth was seen at this location. The CSA report in Attachment 2c-2 and 2c-3 recommended that the stormsewer system should be checked for possible sanitary connections.	Calle Antonio Luciano and Calle Garcilaso De La Vega					
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	As described in the CSA report attachments 2c-4 and 2c-5 CSA recommended that the stormsewer system should be checked for possible sanitary connections at this location. EPA did not list any findings from this location during this inspection, but MSJ should also inspect this outfall when it follows up on the other Quebrada San Antón discharges.	Garcilaso de la Vega and Consuelo Matos					
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	As shown in photographs 26 to 33 and 38 to 41 there was sanitary sewage flowing onto the sidewalk near 1232 Nicolas Aguayo (Approx. Location shown on Map 2d-2). There was a sewage odor as well as algal growth in the puddles and vegetation growth in the street located in the flow path. A resident indicated that there had been sewer backups into the house. There was a disconnected house lateral that was flowing onto the sidewalk (see photo 38). The sanitary wastewater and storm water from this location flows across Calle Nicolas Aguayo and was seen entering the Quebrada San Antón. There appeared to be a blockage in the sanitary sewer line since the manhole located just west of 1232 at 1228 and 1229 Nicolas Aguayo was not flowing and appeared obstructed. Another manhole located to the east of the house (see photo 36 was flowing). PRASA/MSJ, if not already fixed, must eliminate the sewage discharge to the sidewalk and to Quebrada San Antón from this location. The sewer line must be maintained to ensure flow in the sewer.	1232 Nicolas Aguayo (just west of Garcilaso de la Vega), San Juan - Sewage overflow on street					
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	As shown in photographs 42, 44 and 45 there was a discharge from a sewer pipe located behind/east of 1232 Nicolas Aguayo into the west side of the Quebrada San Antón. There was a significant flow from the outfall and some slight foaming at the discharge. Ammonia screening samples taken by EPA recorded ammonia levels between 0.5 and 1.0 mg/l and a pH of about 6. (Image 43 is a video of this discharge as well). Screening for illicit connections and determining the source of the flow is necessary.	Discharge from sewer into the west side of Quebrada San Antón behind (to the east of 1232 Calle Nicolas Aguayo)					
8/31/2012	4/23/2012 and	There was a leak (trickle) from a sanitary sewer line that crosses the Quebrada San Antón along the bridge at Calle Nicolas Aguayo (San Juan)/Calle Lorena (Carolina), a screening sample taken of this trickle had ammonia levels of 6 mg/l. The leaking sanitary sewer line must be repaired.	Bridge over Quebrada San Antón at Calle Nicolas Aguayo/Calle Lorena					

8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	There was a strong flow from the outfall located on the west side of the Quebrada Juan Méndez, located west of Calle Lealtad. This discharge was also identified during EPA's February 2012 inspection. See photograph 50, PRASA indicated in its June 14, 2012 letter to EPA in response to the February 2012 inspection that "no visible discharge to the creek/channel was observed at this location. No sewage contribution from PRASA system to stormwater system was observed.	Calle José De Diego (PR-47) - Quebrada Juan Méndez				
8/31/2012	4/22/2012 and	EPA verified that the sanitary sewer overflow that was seen at this location in February 2012 had ceased. However, the catch basin at this location needed to be cleaned (see photographs 52 and 53).	Calle Lealtad and Calle José De Diego				
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	A) As shown in photographs 54 and 55 there were several signs that a sanitary sewer overflow occurred at this location. There was debris, such as rags, paper, and other material at the rim of the manhole and debris on top of the concrete block around the manhole. The manhole cover was not seated properly and was partially off the manhole rim. Sanitary Sewer Overflows at this location would flow into the Quebrada Juan Méndez just a few feet away. As shown in photographs 59 and 60 there was a buildup of material inside the sanitary sewer at this location. B) As shown in photographs 63 and 64 (and video 66) there was a dry weather discharge into the Quebrada Juan Méndez via an outfall on the east side of the Quebrada, south of Calle Ariel and north of Calle Lince see Attachment 3. PRASA/MSJ must identify the source of the dry weather discharge and eliminate it if it is determined to be non-allowable, non-stormwater.	Calle Ariel - Quebrada Juan Méndez				
8/31/2012	Inspection 4/23/2012 and	As was also identified in February 2012 there was a large box culvert that was discharging into the Quebrada Juan Méndez (from the west side of the Quebrada). PRASA's June 14, 2012 letter in response to EPA indicated that this is not a PRASA box culvert.	Across Quebrada Juan Méndez from Calle Ariel				
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	A) Sanitary Sewer Overflow - As shown in photograph 67 (and in Video 68) there was a sanitary sewer overflow from a manhole during dry weather at Calle Lince and Calle Lira. There was a strong sewage odor. As shown in photos 69 - 72 the flow from the overflowing manhole was entering stormwater catch basins on both sides of the street. The dry weather flow entering Quebrada Juan Méndez (south of Calle Ariel and north of Calle Lince) shown in photo 63, 64 and video 66 was suspected, but not confirmed, to be flowing from this Sanitary Sewer Overflow. B) As shown in photographs 75 there was a sanitary sewer manhole at Calle Lince adjacent to Quebrada Juan Méndez. The manhole extended a few feet above the ground surface. Sewage solids were seen up to the top stairs of the manhole, but were not seen up to the top of or outside of the manhole. Outside of this manhole as shown in photograph 76, there appeared to be a black rubber fixture/pipe coming out of the manhole at the ground level (and directed towards the Quebrada Juan Méndez). The fixture/pipe appeared to be sealed, but this should be verified.					

8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012		Jesús T. Piñero (PR-17) and the Río Piedras River					
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	As shown in photographs 87, 88 and 90 there is a dry weather flow from a large round sewer pipe into the Quebrada Doña Ana, northwest of the Jesús T. Piñero Bridge over the Quebrada (east of Calle Andalucia). As shown in photograph 86 there are hypochlorite feed tanks located above this outfall that are no longer in use. Photograph 90 shows that there is a small (approximately <1", white PVC line) that is broken and water is coming out of this line and entering the large round sewer and flowing into the Quebrada. If this is a broken water line, it should be removed to prevent backflow from the outfall and Quebrada during high water. Screening samples at this outfall had ammonia levels of approximately 0.5 mg/l and a pH of 6.5 to 7.0 SU. MSJ and PRASA must detemine the source of this discharge and if there are sources of non-allowable non-stormwater.	Jesús T. Piñero (PR-17) and Quebrada Doña Ana					
8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	A) South of PR-23 Bridge - As shown in photographs 90 to 94 there were at least two round sewer pipes with flap gates, visible on the west side of the Puerto Nuevo Canal south of the Roosevelt Ave. (PR-23) bridge. The northernmost pipe visible from the bridge (photos 90 to 93) did have a dry weather flow. The southernmost pipe, visible from the bridge, (photo 94) did not appear to have a flow. MSJ and PRASA must determine the source of this dry weather flow and whether there is non-allowable non-stormwater. See Attachment 5a-1 for the MSJ map of the sewer system from the CSA report that depicts these outfalls at or near Calle Acapulco. EPA was not able to acces the outfalls at this time to obtain a screening sample. B) North of Roosevelt Ave. (PR-23) Bridge on West Side of the Puerto Nuevo Canal - As shown in photograph 96 during dry weather there was a round sewer pipe with little or no dry weather flow. A few minutes later after a brief, but intense rainfall, as shown in photographs 108 - 111, there was a turbid discharge from this outfall that was seen extending into the river. EPA was not abel to access the outfall to take a screening sample. MSJ/PRASA need to verify that only allowable non-stormwater is reaching this outfall. As shown in photographs 112 - 123, EPA opened several manholes on and around Calle Andalucia and Roosevelt Ave. (north side of intersection) to identify the source of the turbid discharge. EPA did not identify the source, but did note that there were manholes and/or sewers in need of cleaning (see photos 112, 116, 117, 119, and 123). C) North of Roosevelt Ave. (PR-23) Bridge on East Side of Puerto Nuevo Canal - As described in attachment 5a, the CSA report identifies that there was a discharge from outfall G14a-S-0044 that MSJ must investigate	Franklin Delano Roosevelt Ave. (PR-23) and the Puerto Nuevo Canal					

8/31/2012	EPA Recon Inspection 4/23/2012 and 4/25/2012	EPA visited this discharge point located behind the Aquasports Kayak Shop 1166 Ave. Américo Miranda into the Quebrada (See Photo 134). EPA had photographed this dry weather discharge in March 2012. At the time of this April 25, 2012 inspection there was a dry weather discharge with a sewage odor from this locaton. Photographs 128 - 132 show the dry weather discharge at this location. As shown in attachment 6a, the 2009 CSA report identified that there were signs of raw sewage in this discharge. As shown in photographs 133, 135, 136 and 138 EPA began opening manholes on Ave. Américo Miranda. The manhole (Photo 133) that was more or less in line with the discharge point could not be opened. The manholes shown in photos 135 and 136 did not appear to have flow and the manhole in photo 138 appeared to be flowing normally. PRASA/MSJ must work to identify the source of this discharge and eliminate it and open the manhole shown in Photo 133 on Ave. Américo Miranda behind the Kayak shop. An access point to the Quebrada was located in the parking lot of the copy shop located just west of the kayak shop, but EPA did not enter the Quebrada at this time.	Behind 1150/1166 Ave. Américo Miranda and Quebrada Doña Ana									
1/16/2013	EPA Recon	As shown in the photos, the Sanitary Sewer overflow to Quebrada Mongil that was noted in EPA's March 2012 Reconnaissance Inspection has ceased. Photos 280 and 281 show that the sanitary sewer overflow pipes have been sealed. PRASA's letter to EPA dated September 6, 2012 in response to the March 2012 inspection stated that the overflow was eliminated on April 19, 2012.	North of Marginal Bori, 1500 Marginal Bori, PR-1, Behind, Quick Parts Inc. and adjacent to Class Auto Tech Corp.	El Cinco	Commercial	Quebrada Mongil	1/27/2014: MSJ visited the location and did not find sanitary sewer overflows.	No discharge				
1/16/2013	EPA Recon Inspection 6/5/2012	There is a manhole on the sidewalk in front of a store just west of Quebrada Mongil. Appear to be 24" storm sewer with dry weather flow. Ammonia levels were 0.5 mg/l, pH 6.5-7.0. EPA recommends that bacterial and other screening methods be used to determine if sewage is present in the storm sewer.	PR-8838 (Ave. Ponce de León), on north sidewalk, approx. 100' west of Quebrada Mongil.	El Cinco	Commercial	Quebrada Mongil						
1/16/2013	Inspection 6/5/2012	Leaking/Dripping sanitary sewer next to and in Quebrada Mongil. The creek had a greenish color and a sewage odor. A screening sample was taken in the Quebrada near where it exerts the culvert under the road (see Photo 291), the ammonia level was (1-3 mg/l) and pH was 6.5 S.U. Repair of the sanitary line and an evaluation/installation of permanent support structure (see photo 293 with chain around pipe attached to beam that is supporting pipe) is necessary. Additionally outfall reconnaissance should be conducted in this creek to determine if there are sewage inputs.	north of PR-	El Cinco	Commercial	Quebrada Mongil	1/27/2014: MSJ found the sanitary sewer pipe leaking wastewater directly into Quebrada Mongil.	Sanitary	Quebrada Mongil	PRASA	MSJ notified PRASA of the leaking sanitary pipe.	Open
1/16/2013	EPA Recon Inspection	Sanitary sewer manholes on Calle Ganges near the Queb. Mongil are surcharged. Sewer system maintenance in this area is needed. During this inspection one of the manhole covers was missing. EPA reinspected this location on October 16, 2012 and found that the manhole cover had been replaced and the levels of sanitary sewer flow in the pipe were lower.	Calle Ganges and Quebrada Mongil	El Cinco	Commercial	Quebrada Mongil	6/20/2013: MSJ inspected both the sanitary and storm sewer systems in the area. Flow levels in the sanitary manholes were low. No sign of recent sanitary overflow was observed. The storm catch basins were clean.	No discharge				Open

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1/16/2013	EPA Recon Inspection 6/5/2012	a. A significant volume of wastewater with a strong sewage odor was observed flowing from the vicinty of the Paraíso (Calle Támesis and Calle Amazona) Development into the west side of the Río Piedras River. The inflow of the wastewater changed the color of a section of river to a green color. The 2009 CSA Report (See Attachments 3a to 3d) documented flow of water into the Río Piedras River in this same location on November 6, 2009. The CSA Report also indicates that video 7172 and 7169 were also taken at this location. b. There were large sanitary sewage flows from the line that was between Calle Támesis/Calle Amazona and the Río Piedras River into the Río Piedras River. The ammonia concentration for this wastewater was 6 mg/l and the pH was 7 S.U. (See photos 336 to 339 and video 340). c. There was a high level of sanitary wastewater in the maholes at Calle Támesis and Calle Amazona. On September 7, 2012 EPA inspected the area and there was no Sanitary Sewer Overflow, but there were high levels in the sanitary sewer. This wastewater flows downhill towards a storm drain and towards the Río Piedras River. Sanitary sewage overflowing from the manhole was observed by EPA on October 16, 2012. On November 20, 2012 EPA inspected the site and the manhole was overflowing that was flowing to the stormwater drain. d. There was a manhole at this location (Amazona and Támesis) that was full with solids/sludge (Photos 329,330). e. Other manholes at this location showed large flow volumes in the sewers (Photos 331 to 335)	Paraíso Development - Calle Támesis and Calle Amazona seen from PR-176 (Ana G. Mendez) Looking South (upstream) on the Río Piedras River (East bank of river)	El Paraíso Residential Developmen t	El Cinco	Residential	Río Piedras	7/29/2013: MSJ observed a sanitary sewer overflow at Calle Amazona/Calle Rodano that flowed east to Calle Amazona/Calle Támesis along the rain gutter, and through a ditch to the Río Piedras.	Sanitary	Río Piedras	PRASA	MSJ notified the sanitary sewer overflow to PRASA in claim #45584746. EPA informed MSJ that PRASA performed a CCTV study on Aug. 27, 2013 but needs to peform an additional study. PRASA will be conducting a sanitary sewer cleaning project and CCTV study along Road PR-176, from March 30 to May 25, 2015. This effort should resolve the sanitary sewer overflows in the El Paraíso Residential	Open
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in the photos, there was a water flow entering from the east into the Río Piedras River within 20 feet south of the PR-176 bridge. The water appeared clean and free of turbidity, foam or odor. Ammonia levels were 0 and pH was 7. There was a potential chlorine odor. PRASA should evaluate for a potential potable water line break.	Water entering on the east, just South PR-176 (Ana G. Méndez)(upstre am) on the Río Piedras River		El Cinco	Residential	Río Piedras	MSJ visited the area on July 29, 2013 and on March 3, 2014 and did not find the water discharge.					Closed
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in the photographs the manhole that is directly above the Quebrada on the sanitary line on the north side of PR-845 shows signs that it has overflowed. There was a prophylactic on the rim of the mahole as well as debris on the ladder near the top of the manhole. Sanitary wastewater levels in the manhole during dry weather are relatively high and as shown in the photos are within 2 to 3 feet of the manhole rim.	Quebrada del Ausubo North side of PR-845 and Calle 1/Calle Apolo west of U.S. Post Office, Cupey Station		Cupey	Commercial	Quebrada del Ausubo	5/4/2015: MSJ observed that the sanitary manhole was not overflowing, however it had a considerable amount of wastewater and the flow velocity was slow.	Sanitary	Sanitary manhole	PRASA	MSJ shared the findings with PRASA.	Closed
1/16/2013	EPA Recon Inspection 6/5/2012	EPA inspectors walked the Quebrada Doña Ana from just downstream of Calle 21 SE downstream (north) to past PR17 (Jesús T. Piñero). At Calle 21 SE on the north (Américo Miranda side) side of the Quebrada there were trickles of dry weather flows into the Quebrada that should be evaluated. The 2009 CSA report indicated that there was no dry weather flow from this discharge point.	Quebrada Doña Ana and Calle 21 SE	Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Residential	Quebrada Doña Ana	7/7/2014: MSJ did not find dry weather discharges in this area. Creek flow was clear and odorless.	No discharge				Open
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in photographs 343 to 347 there was a large dry weather sanitary wastewater flow into the Quebrada at this location. The 2009 CSA report (See attachment 5a-2, 3, and 4) show a similar condition in 2009 as in 2012. The ammonia levels of this discharge were 6 mg/l and there was a sewage odor. The discharge caused a portion of Quebrada to turn a greenish color. Eng. Alex Rivera of EPA-CEPD sent an email to PRASA/MSJ on June 6, 2012 explaining the location of this sewage discharge. On or before September 5, 2012 PRASA replaced broken sanitary sewer lines on Calle 15 SE. This sewer work has significantly reduced the dry weather flows, however, as of October 16, 2012; EPA noted that there is an ongoing dry weather sewage discharge.	Quebrada Doña Ana behind Aqua Sports Kayak (1166 Américo Miranda) Reparto Metropolitano	Reparto Metropolitan o	Gobernador Piñero	Commercial	Quebrada Doña Ana	7/7/2014: MSJ did not find dry weather discharges at this location. Stream flow was clear and odorless.	No discharge				Open

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1/16/2013	EPA Recon Inspection 6/5/2012	As shown in photograhs 348 and 350 there were channel walls on the north side of the Quebrada that collapsed into the Quebrada. Collapsed walls could lead to erosion of the banks and the impedance of restriction of stormwater flows through the Quebrada.	Quebrada Doña Ana just upstream of Calle 29 SE	Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Residential	Quebrada Doña Ana	7/7/2014: MSJ observed that the channel walls were partially collapsed.	No discharge			Finding was referred to MSJ's Infrastructure Program for their assessment.	Open
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in the photographs there is a large circular sewer with a dry weather discharge. The ammonia concentrations in the discharge were 3 mg/l. The 2009 CSA Report also identified that there was a sewage trickle from this outfall on September 10, 2009 (See Attachment 5e-1 and 2)	Quebrada Doña Ana and bridge at Calle 29 SE (first bridge downstream of Kayak Shop at 1166 Américo Miranda)		Gobernador Piñero	Residential		7/7/2014: MSJ found a dry weather discharge from a round sewer under the 29th Street bridge directly into the creek. A catch basin on the northwest corner at the nearby intersection of Americo Miranda Ave. and 29th St. was receiving a sanitary flow from the west. This flow was traced to an overflowing sanitary connection cleanout at the corner of De Diego and Americo Miranda avenues. No	Sanitary	Quebrada Doña Ana	PRASA	MSJ notified PRASA of the sanitary overflow and discharge into the creek. 7/15/2014: No sanitary discharge observed.	Closed
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in the photographs there is a straight pipe connection with potential wastewater from a house that enters the Quebrada.	Quebrada Doña Ana just upstream of bridge at Ave. Américo Miranda	Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Commercial	Quebrada Doña Ana	7/7/2014: MSJ observed a straight pipe connection from a private property directly into the creek. During our inspection the pipe was not discharging and it appeared that it had not discharged in a long time. The stream flow was clear and odorless. The pipe is not part of the San Juan MS4 and it does not discharge into the municipal storm sewer system.	No discharge		Unknown		Open
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in photograph 360 there were channel walls on the north side of the Quebrada that collapsed into the Quebrada. Collapsed walls could lead to erosion of the banks and the impedance or restriction of stormwater flows through the Quebrada. Further downstream, but prior to the confluence with Quebrada Josefina there were additional channel walls that are collapsed into the Quebrada (photos 363 and 364).	Quebrada Doña Ana downstream of bridge at Ave. Américo Miranda	Caparra Terrace Residential Developmen t	Gobernador Piñero	Residential	Quebrada Doña Ana	7/7/2014: MSJ observed that the channel walls were partially collapsed.	No discharge			Finding was referred to MSJ's Infrastructure Program for their assessment.	Open

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1/16/2013	Inspection	There was a dry weather discharge from an approximate 36 to 48" circular sewer. The discharge was clear and had an ammonia level of zero mg/l. As shown in attachments 5d-1 and 2, this outfall was noted in the 2009 CSA report as having a moderate dry weather flow with no indicators of sewage. The source of this flow should be evaluated.	Quebrada Doña Ana downstream of bridge at Ave. Américo Miranda and upstream of confluence with Queb. Josefina	Caparra Terrace Residential Developmen t	Gobernador Piñero	Reside	tial Quebrada Do Ana	7/7/2014: MSJ did not observe dry weather discharges in this location.	No discharge			Open
1/16/2013	EPA Recon	As shown in the photographs there is a double barrel round sewer (each pipe 12"). There was trickle of dry weather flow with ammonia levels at 0.5 mg/l to 1 mg/l. As shown in Attachment 5c-1 and 2, the 2009 CSA Report also noted trickle of flow from this outfall, but did not note any sewage indicators present.	Quebrada Doña Ana downstream of bridge at Ave. Américo Miranda and just upstream of confluence with Quebrada Josefina.	Caparra Terrace Residential Developmen	Gobernador Piñero	Reside	tial Quebrada Do Ana	ña				Received
1/16/2013	EPA Recon	As shown in the photographs and video there was a broken sanitary line (inverted syphon) beneath the Andalucía bridge that was discharging into the Quebrada. There was a greenish, turbid flow with pieces of toilet paper entering the Quebrada. Ammonia levels in the wastewater plume in the Quebrada at the discharge location were 6 mg/l. This broken line was called in to PRASA, by EPA, on June 5, 2012. In follow up, PRASA reported that there was a second syphon under the Quebrada and they were able to valve off the broken line and activate the other line thereby ceasing the discharge. PRASA should report when the discharge was ceased and whether the broken line has been repaired.	Quebrada Doña Ana at the Andalucía Bridge	Las Americas Residential Developmen t	Gobernador Piñero	Reside	tial Quebrada Josefina		Sanitary	Quebrada Josefina	PRASA	Received
1/16/2013	EPA Recon Inspection 6/5/2012	There is a round sewer (approx 24") that had a dry weather discharge with ammonia levels of 3 mg/l. There was also material (grease or growth) on the wall below the discharge. Note that the 2009 CSA Report noted grease at Calle 41 SE and Calle 8 SE which is located near the confluence of the Quebrada Josefina and upstream of the Andalucía Bridge.	Quebrada Doña Ana downstream of the Andalucía bridge and upstream of the PR-17 (Piñero bridge)	Las Americas Residential	Gobernador Piñero	Reside	tial Quebrada Josefina					Received
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in the photographs, there is a round sewer pipe approximately 24 to 30" with grease deposits on the wall below the pipe on the southwest side of PR-17 (Piñero) bridge in the Quebrada Doña Ana. There is a Chinese restaurant adjacent to this location. MSJ MS4 inspectors should investigate the source of the grease in the stormwater outfall.	Quebrada Doña Ana on the southwest side of PR-17 (Piñero Bridge)		Gobernador Piñero	Comme	cial Quebrada Josefina					Received
1/16/2013	EPA Recon Inspection 6/5/2012	As shown in the photographs there is an approximate 48" pipe (or larger) with a dry weather flow entering the Creek. a. The ammonia concentration in the discharge was 1mg/l. b. There was also a small (<= 1 inch) potable water line that was broken inside the pipe. During storm events high water flows in the Quebrada could pose a risk of Quebrada water entering the potable water line. PRASA, in follow up, indicated that this water line was disconnected. c. As shown in photos 381, 384, and 385, the channel wall at this location is cracked and there is a water flow inside the channel wall. This structure should be evaluated and repaired as necessary to avoid a collapse or failure of the channel wall.	Quebrada Doña Ana on the northwest (downstream) side of PR-17 (Piñero Bridge)	Puerto Nuevo Sur Residential Developmen t	Gobernador Piñero	Comme	cial Quebrada Josefina					Received

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1/16/2013	EPA Recon Inspection 6/8/2012	EPA sampled the influent into this manhole mainly from the influent line coming from the south. Ammonia levels were 1 to 3 mg/l. Using dye, EPA confirmed that the flow entering this manhole enters the DNER De Diego Pump Station (It took 2 to 3 minutes for the dye to enter the pump station). Based on the influent lines to this manhole should be further investigated for the presence of sanitary flows. Both MSJ and DTPW should determine their ownership on the storm water collection system pipes within the DNER De Diego PS drainage area.	Mahole West Side of De Diego Ave., South of Calle Estrella Next to Diana's Pizza	Ba	iyola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/8/2012	A manhole at this location (see Att. 6b Point 1) led to a deep sewer (approx 30' deep). There was a dry weather flow in this sewer that had a sewage odor. Further investigation is necessary to determine the source of the flow in this sewer and where this flow leads to. Both MSJ and DTPW should determine their ownership on the storm water collection system pipes within the DNER De Diego PS drainage area.	North Marginal of PR-26 (Baldorioty de Castro Expressway) and De Diego Ave. (PR-37)	Bá	iyola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/8/2012	As shown in photograph 547 and video 548 there is a manhole that is filled to the top with sediment. The owner of this manhole should be identified and the manhole should be cleaned.	West sidewalk of De Diego Ave., North of the North Marginal of PR-26	Ba	iyola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/8/2012	As shown in the photos the loading dock area for Super Max supermarket has a trash compactor and trash, debris outside of the compactor. Stormwater from this area was said by the operator to flow into the DNER De Diego PS. MSJ MS4 personnel should ensure that proper Best Management Practices are employed by Super Max to prevent/minimize stormwater contamination.	Super Max Loading Dock Calle Julián Blanco	Ba	iyola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/11/2012	Storm water manhole at the walkway in the corner of the Doubletree Hotel and the entrance of the Gallery Plaza Condominium at the west side of the De Diego Avenue towards south in the direction of the DNER De Diego PS. High levels of flow, wastewater and grease odor were appreciated. MSJ MS4 personnel should conduct an investigation at both Gallery Plaza and Doubletree for any illegal connection. Both MSJ and DTPW should determine their ownership on the storm water collection system pipes within DNER De Diego PS drainage area.	Diego PS and south of Wilson	Ba	iyola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/11/2012	Storm water drain in the corner of the Doubletree Hotel and the entrance of the Gallery Plaza Condominium at the west side of the De Diego Avenue towards south in the direction of the DNER De Diego PS (see IMG3326 in Attachment 9). High levels of flow, wastewater and grease odor weren noted. Same appearance of the manhole described at IMG3323. MSJ MS4 personnel should conduct an investigation at both Gallery Plaza and Doubletree for any illegal connection. Both MSJ and DTPW should determine their ownership on the storm water collection system pipes within the DNER De Diego PS drainage area.	West side of De Diego Avenue towards south in the direction of the DNER De Diego PS and south of Wilson Street and Gallery Plaza	Ba	iyola	Santurce	Commercial	Laguna del Condado			Received

1/16/2013	EPA Recon Inspection 6/11/2012	Storm water manhole at west side of the De Diego Avenue towards south in the direction of the DNER De Diego PS and near the corner of the Doubletree Hotel. Wastewater odor and appearance was noted. MSJ MS4 personnel should conduct an investigation at both Gallery Plaza and Doubletree for any illegal connection. Both MSJ and DTPW should determine their ownership on the storm water collection system pipes within the DNER De Diego PS.	West side of De Diego Avenue towards south in the direction of the DNER De Diego PS and south of Wilson Street and Gallery Plaza	Bayola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/11/2012	Storm water drain at west side of De Diego Avenue towards south in the direction of the DNER De Diego PS and near the corner of the Doubletree Hotel. Wastewater odor and appearance was noted. Ammonia levels at the drain were 1 to 3 mg/l. MSJ MS4 personnel should conduct and investigation at both Gallery Plaza and Doubletree for any illegal connection.	West side of De Diego Avenue towards south in the direction of the DNER De Diego PS and south of Wilson Street and Gallery Plaza	Bayola	Santurce	Commercial	Laguna del Condado			Received
1/16/2013	EPA Recon Inspection 6/11/2012	Storm water manholes at the walkway on the east side of the De Diego Avenue towards south in the direction of the DNER De Diego PS (see IMG3318 in Attachment 9). Wastewater odor and appearance was noted. Both MSJ and DTPW should determine their ownership on the storm water collection system pipes within the DNER De Diego PS drainage area.	East side of De Diego Avenue towards south in the direction of the DNER De Diego PS and south of Wilson Street and Gallery Plaza	Bayola	Santurce	Commercial	Laguna del Condado			Received
4/23/2012	Inspection	As shown in photograph P2160200 ("200") through 202 there is garbage and debris in Quebrada Juan Méndez that should be removed. The inspectors did not hear or see a dry weather discharge at this location. However, as described in attachment 3a-1, the 2009 CSA Report identified a 24" outfall at this location, CSA No. L12c-S001a with a suspected sewage flow. Bubbles associated with anaerobic decay were seen rising to the surface in the Quebrada.	Calle Vergel and Calle Alcaniz				Quebrada Juan Mendez			Received
4/23/2012	Inspection	As shown in photograph 203 there was a dry weather discharge from the circular pipe with a flapper valve that was seen on the east side of the Quebrada. (See attachment 3a-2 for sanitary and storm sewer maps in this area).	Quebrada Juan Méndez and Calle Sicilia (Oriente) facing south upstream.							Received
4/23/2012	EPA Recon Inspection	As shown in photograph 206 in Attachment 1 and the 2009 CSA report (Attachment 3b), there is a double box culvert with a dry weather flow that appears to contain sewage. There was some foaming in the Quebrada at the discharge point. EPA took a grab sample which had a slight sewage odor, and had an ammonia concentration of 3 mg/l and a pH of 6.5 to 7.0. While the ammonia test was not done with a 40 CFR Part 136 approved method, the 3 mg/l is an indicator that sewage is present. The firement at the station said that approximately 2 weeks prior to this inspection there was a fish kill in the Quebrada. The firemen said that approximately 20 fairly large fish were seen dead in the Quebrada near the fire station and that representatives from the Puerto Rico Department of Natural and Environmental Resources conducted an investigation.	Calle América and Ramal Quebrada Juan Méndez (facing north side of bridge) (East of Barbosa Ave - Adjacent to Fire Station) - K13b- S002a.							Received

4/23/2012	EPA Recon Inspection 2/16/2012	As shown in photographs 209 and 210 there was flow from the Calle Cruz box sewer (6'x3') below the bridge on Calle Cruz, at the west bank of Quebrada Juan Méndez. As described in the 2009 CSA reports, Attachment 3c, this location was thought to be discharging sewage. EPA took a field sample and ammonia levels were approximately 0.25 mg/l and the pH was 6.5 to 7.0. The sample did not have a sewage odor; however the Quebrada Juan Méndez did have a sewage odor at this location (see photos 208, 211, and 212). MSJ and PRASA must conduct further review of this outfall to determine the source(s) of the flow.	Calle Cruz (below the bridge) and Quebrada Juan Méndez - L15c- S001a Oriente/Valenci a					Received
4/23/2012	Inspection	EPA viewed Quebrada Juan Méndez from the South side of the Jesús T. Piñero Bridge, but could not see the outfall pipe below the bridge. However as described in the 2009 CSA Reports (See Attachment 3d) the discharge from a 30" circular sewer, was noted as possibly containing sanitary wastewater. Further review of this outfall to determine its current dry weather discharge status and any ongoing source(s) of dry weather flow.	Jesús T. Piñero and Quebrada Juan Méndez (PR-17) and Quebrada Juan Méndez L16a- S001a (below bridge)					Received
4/23/2012	EPA Recon Inspection 2/16/2012	As shown in photograph 213 there was a significant flow from a rectangular channel on the west side of Quebrada Juan Méndez across from Calle Ariel. The source of this flow as well as the water quality (and wether it contains authorized or illicit discharges), and ownership information, must be assessed. A map of the San Juan MS4 and PRASA and Sanitary System is shown in Attachment 3e.	Calle Ariel and Quebrada Juan Méndez (Río Piedras)					Received
4/23/2012	EPA Recon Inspection	As shown in photograph 215 there was a dry weather discharge from this outfall. EPA was not able to obtain a sample of this discharge. As described in the CSA reports, attachment 3f, CSA recommended that this discharge be assessed for possible sanitary connections. As shown in photograph 216 it appears that the concrete channel walls had collapsed into the Quebrada. The collapsed walls can restrict flow in the Quebrada as well as lead to erosion of the banks.	Calle Ramón B. López and Quebrada Juan Méndez - L17a- S001a					Received
4/23/2012	EPA Recon Inspection	As shown in photographs 218, 220, 223, and 225 water was flowing out of the street, just adjacent to the surcharged sanitary sewer manhole (which was full of wastewater, nearly, up to the top of the manhole) as shown in photograph 228. Sanitary and Storm Sewer maps for this location are contained in attachment 3g. The water flowing out of the street had a strong sewage odor and had an ammonia level (using ammonia strips) of at least 6 mg/l (another indicator of sewage). The sewage flowed for approximately 5 feet on the street and then flowed into a storm water catch basin, that leads to the Quebrada Juan Méndez (East Branch) about 30 feet away. EPA poured dye powder into the sewage flow as it entered the storm water catch basin and within minutes the dye came out in Quebrada Juan Méndez (See photos 218, 219, and 230-235). Proving that the sewage was discharging into the Quebrada Juan Méndez via a stormwater outfall. The sewage flowing on the street is within 500 feet of a hospital and a school and is adjacent to a grocery store and poses a health risk to pedestrians in the area. People that we spoke to in the area said that this overflow has been occuring for twenty years and has not been abated. EPA Region 2 CEPD followed up with PRASA after the inspection. PRASA reported that the discharge had been abated. PRASA must provide a summary of the cause of the problem, what was done to correct it and what is being done to avoid recurrence of this problem.	Calle Lealtad and José De Diego (PR-47) Just East of East Branch of Quebrada Juan Méndez, Río Piedras, PR (Also East of Calle Alomar)					Received

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4/23/2012	EPA Recon Inspection 2/16/2012	As shown in photographs 236 to 239 there was a dry weather flow entering the Quebrada Juan Méndez West Branch. (Samples were not taken) The source and characteristics of this flow should be determined and corrective actions taken as needed.	José De Diego Avenue (PR-47) and West Branch of Quebrada Juan Méndez (Southwest corner of bridge)						Received
4/23/2012	EPA Recon Inspection 2/16/2012	The 2009 CSA report see attachment 4a identified the 48" storm sewer as being combined with sewage. EPA took a grab sample of the flowing water in this sewer and using ammonia strips detected an ammonia concentration between 1 and 3 mg/l and a pH between 6 and 7 (both not approved CFR 40 Part 136 methods). Based on MSJ MS4 sewer maps this storm sewer flows east into DNER Baldorioty de Castro Pump Station that discharges directly to Los Corozos Lagoon without treatment.	Calle Castro Viña northwest corner of the North Marginal Road of the Baldorioty de Castro Expressway (PR-26) - Manhole J6c- S008						Received
4/23/2012	EPA Recon Inspection 2/16/2012	As shown in attachment 4b, the 2009 CSA report identified this catch basin as being connected into the sanitary sewer system. Based on EPA's inspection there did not appear to be a storm sewer in this area, nor is there a storm sewer shown on MSJ's MS4 map, but PRASA's map does contain a sanitary sewer in this area. As shown in EPA photographs 243 to 247, the storm inlet still exists, but is partially covered with a piece of wood, that would allow stormwater to enter the catch basin and flow into the sanitary sewer.	K7a-S039a Villa Palmeras - Calle Henna, Calle Amparo						Received
3/28/2013	EPA Recon Inspection 7/16/2012	EPA noted a discharge underneath the Calle Chardón bridge in the west side of the unnamed tributary. The discharge pipe could not be accessed but field screening with test strips of the unnamed tributary from the south side of the bridge, within feet of the discharge indicated that there was a free and total chlorine residual of 0.5 to 1.0 mg/l, a pH of 6.5 to 7 SU, and ammonia levels of 0 mg/l	Calle Chardón and unnamed tributary of the Martín Peña Channel ("MPC") (between Ave. Hostos and PR- 1 (Ave. Luis Muñoz Rivera)	Martin Peña	Hato Rey Norte	Commercial Caño Martin Peña			Received
3/28/2013	EPA Recon Inspection 7/16/2012	There was a dry weather discharge entering the Quebrada from the northwest side. There was no sewage odor. Ammonia levels were 0.5 to 1 mg/l, Chlorine levels were 0 mg/l. There was a slight foam at the discharge. Approximately 50 minutes after photograph 630 and video 631 were taken we again walked near this outfall and saw a white substance being discharged from the outfall and into the Quebrada (see photos 645, 647, and 648 and video 646). Ammonia levels at this time were 0.5 mg/l and the pH was 7 SU.	~ 42" sewer entering the Quebrada Doña	_a Riviera Residential evelopmen t	Gobernador Piñero	Residential Quebrada Doña Ana			Received
3/28/2013	EPA Recon Inspection 7/16/2012	There was a dry weather discharge entering the Quebrada from the southeast side. There was no sewage odor. Ammonia levels were 0 mg/l; Chlorine levels were 0 mg/l.		_a Riviera Residential evelopmen t	Gobernador Piñero	Residential Quebrada Doña Ana			Received

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3/28/2013	EPA Recon Inspection 7/16/2012	There was a dry weather flow from a 42" pipe as shown in photo 635 and video 636 there was orange growth on the channel wall below the outfall. Ammonia levels were 1 to 3 mg/l, Chlorine was 0 mg/l. As shown in attachments 3c-3 and 3c-4, CSA in 2009 also noted orange material at this outfall. Attachments 3c-1, 3c-2, and 3c-4 contain map location information.	Near Calle 40 Southwest (Spanish SO.) downstream of bridge between the De Diego and Calle 13 SO Bridges ~42" pipe from the north side of Quebrada Doña Ana (The bridge leads to a dead end)		Gobernador Piñero	Quebrada Doña Ana						Received
3/28/2013	EPA Recon Inspection 7/16/2012	There was a dry weather flow from the 30" pipe documented in the photos and video. The discharge had ammonia levels of 6 mg/l. The wall below the discharge had a brown/red growth. The discharge caused a green color in the Quebrada. The 2009 CSA Report (see attachment 3d-2 and 3) also noted a similar discharge at this location, but the photos were not available to compare the outfall with the current condition. The chlorine levels were 0 mg/l. Additionally the resident at 922 13th St. Southwest (SO), near the Quebrada stated that there are sanitary sewer backups into his residence when it rains and that he can no longer live in his house due to the backups.	Calle 13 SO 30" pipe from northwest side of bridge into Quebrada Doña Ana	Caparra Terrace Residential Developmen t	Gobernador Piñero	Quebrada Doña Ana						Received
3/28/2013	EPA Recon Inspection 7/16/2012	As shown in the photographs and video there were signs of sanitary sewer overflows at this location there was toilet paper/rags up at the rim of the manhole and in the street near the manhole. The manhole cover was also partially off the rim when EPA inspectors arrived (indicating a fairly recent overflow). The overflow from this manhole flows downhill to an access gate and then ultimately flows down towards the Rio Piedras River. There was water puddle below the access gate at the time of the inspection. A sanitary sewer overflow at this location was also identified in June 2012 and PRASA/MSJ was notified. Based on EPA's October 2012 reconnaissance inspection this sanitary sewer overflow had not been corrected.	Calle Amazona and Calle Támesis (Paraiso Development, south of PR- 176) - Rio Piedras River	El Paraíso Residential Developmen t	El Cinco	Residential Río Piedras	7/29/2013: MSJ found a sanitary sewer overflow at Calle Amazona/Calle Rodano that flowed east to Calle Amazona/Calle Támesis along the rain gutter, and through a ditch to the Río Piedras.	Río Piedras	PRASA	MSJ notified the sanitary sewer overflow to PRASA in claim #45584746. EPA informed MSJ that PRASA performed a CCTV study on Aug. 27, 2013 but needs to peform an additional study. PRASA will be conducting a sanitary sewer cleaning project and CCTV study along Road PR-176, from March 30 to May 25, 2015. This effort should resolve the sanitary sewer overflows in the EI Paraíso Residential	Irregular visits to the area until PRASA resolves the sanitary sewer overflows.	Open
3/28/2013	EPA Recon Inspection 7/16/2012	On July 16, 2012, as shown in the photos 657, 659 and video 658 there was a significant flow of chlorinated water discharging from this outfall during dry weather. The free chlorine levels based on field screening were 1 to 2 mg/l. As shown in photographs 682, 683 and video 684 there appears to be a drinking water tank in the area that overflows to this discharge point.	Calle Acapulco at the Río Piedras River southwest of the Roosevelt Ave. Bridge, downstream most (northern) of three flap gate outfalls	Puerto Nuevo Sur Residential Developmen t	Gobernador Piñero	Commercial Río Piedras				residential		Received

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3/28/2013	EPA Recon Inspection 7/16/2012	As shown in photographs in the vicinity of Calle Acapulco and Calle Alesia, EPA opened several manholes in this area. Some appeared to be storm sewers with what appeared to be sewage flows (photo 665 and video 666), another manhole (photo 663) was filled with sediment, another (photo 671 and video 672 appeared to have standing water). PRASA reported, in an email to Alex Rivera of EPA on December 17, 2012 that a broken sanitary sewer line at Calle Alesia had been repaired on or about December 14, 2012.	Vicinity of Calle Acapulco and Calle Alesia at the Rio Piedras River southwest of the Roosevelt Ave. Bridge	Residential Developmen	Gobernador Piñero	Residential	Río Piedras						Received
3/28/2013	EPA Recon Inspection 7/17/2012	There were 2 pipes at this location a large pipe (which was sampled for bacteria) and described under QJM-2 in the table of sampling results. There was also smaller pipe at this location that should also be evaluated (the smaller pipe had an ammonia level of 1 mg/l). The discharges at this location were noted in the February 2012 EPA Recon Inspection.	Ramón B. López Southwest side of Bridge at Quebrada Juan Méndez	Capetillo Community	Pueblo		Quebrada Juan Méndez						Received
3/28/2013	EPA Recon Inspection 7/17/2012	There was an approximately 3" discharge pipe discharging to the east side of the Quebrada Juan Méndez. There was a growth of grey material around the discharge point. The discharge appeared to contain sewage, but the discharge point could not be accessed or sampled.	Calle Cruz to the northeast of the bridge over Quebrada Juan Méndez		Universidad		Quebrada Juan Méndez						Received
3/28/2013	Inspection	Dry weather discharge to the Quebrada Sabana Llana. Ammonia levels were 0 mg/l, Free chlorine was present in the discharge. There was no sewage odor.	Ave. Olmos (near Calle Anón) and Queb. Sabana Llana	Highland Park Residential Developmen	Sabana Llana Sur		Quebrada Sabana Llana						Received
3/28/2013	EPA Recon Inspection 7/17/2012	Dry weahter discharge to the east side of the Quebrada Juan Méndez. Ammonia levels were 0 mg/l, Free chlorine was present in the discharge at 1 mg/l. There was no sewage odor.	Calle Capetillo and Quebrada Juan Méndez (Southeast of the Footbridge)	Capetillo Community	Pueblo		Quebrada Juan Méndez						Received
3/28/2013	EPA Recon Inspection 7/17/2012	There was a dry weather flow with a sewage odor and appearance of sewage in the west branch of the Quebrada Juan Méndez at this location. Screening samples were not taken.	West Branch of Quebrada Juan Méndez south of De Diego Ave. adjacent to Calle Barbosa (and construction site), dry weather discharge with sewage odor		Pueblo		Quebrada Juan Méndez	and PRASA identified a continuous and considerable sanitary discharge from a DTPW storm sewer outfall upstream of De Diego (PR-47) bridge into the creek. MSJ and PRASA traced the sanitary flow in the storm sewer system up to the corner of De Diego Ave. and Monseñor Torres St. The storm manhole at this location was surcharged with stagnant wastewater. The San Juan MS4 was not	Sanitary	Quebrada Juan Méndez	PRASA	PRASA will investigate to indentify the source of the wastewater in the storm sewer system.	Open

3/28/2013	EPA Recon Inspection 7/17/2012	There was a dry weather discharge from a large sewer behind the house into the Quebrada San Anton. The discharge had Alkalinity between 180-300 (KH) mg/l and 0 mg/l Free Chlorine. This point was identified to PRASA and MSJ via the EPA April 2012 Recon Inspection report (dated Aug, 31, 2012). PRASA responded by letter dated Oct. 25, 2012 that there was a significant soapy discharge, but there was no evidence of a connection from the sanitary sewer or of a sewage discharge. EPA Sampling: Fecal Coliform 39,300 col/100ml; Enterococci 12,700 col/100ml; Total Coliform 47,100 col/100ml; Ammonia 0.25 mg/l.	1232 Nicolas Aguayo St.	EI Comandante Residential Developmen t	Sabana Liana Norte	Quebrada San Antón			Received
3/28/2013	EPA Recon Inspection 7/17/2012	There was a dry weather flow through an open box culvert, Free Chlorine was 0 mg/l, Alkalinity between 180 and 300 (KH) mg/l, there was no sewage odor. EPA Sampling: Fecal Coliform 17,000 col/100ml; Enterococci 5,000 col/100ml; Total Coliform 22,800 col/100ml; Ammonia 0.25 mg/l.	776 Lince St.	Dos Pinos Residential Developmen t	Oriente	Quebrada Juan Méndez			Received
3/28/2013	EPA Recon Inspection 7/17/2012	There were dry weather flows from 2 pipes at this location a large pipe (which was sampled for bacteria) and a smaller approx 4" pipe (described in Table 3). Chlorine levels at the larger pipe were 0 (Alkalinity between 180 and 300 (KH) mg/l). The discharge from a smaller pipe also had an ammonia level of 1 mg/l. PRASA's June 14, 2012 letter to EPA in response to the EPA Feb. 2012 Recon. Inspection indicated that a sanitary flow had been located and eliminated a few blocks away and sanitary wastewater contributions to this outfall were not observed. MSJ's June 12, 2012 letter to EPA, in response to the Feb. 2012 Recon Inspection, indicates that this point will be re-inspected. EPA Sampling: Fecal Coliform 13,800 col/100ml; Enterococci 3,400 col/100ml; Total Coliform 18,600 col/100ml; Ammonia 1 mg/l.	Ramon Lopez St., southwest side of bridge at Quebrada Juan Mendez	Capetillo Community	Pueblo	Quebrada Juan Méndez			Received
3/28/2013	EPA Recon Inspection 7/17/2012	There was a dry weather discharge at this location during the inspection. Chlorine levels were 0, Alkalinity was between 180 and 300 (KH) mg/l , pH ~8.4 S.U. PRASA's July 14, 2012 letter in response to EPA's Feb. 2012 Recon. Inspection stated that no visible discharge to creek/channel was observed at this location. No sewage contribution from PRASA system to stormwater was observed. PRASA's October 25, 2012 response to the EPA April 2012 Recon Inspection stated that there was no contribution of sanitary wastewater from its sanitary system. PRASA also noted that when it visited the site on September 18, 2012, there was an indication of wastewatet in the discharge and recommended that MSJ inspect the storm sewer system. During this inspection there was an observable dry weather discharge at this location. EPA Sampling: Fecal Coliform 40,100 col/100ml; Enterococci 10,300 col/100ml; Total Coliform 51,200 col/100ml; Ammonia 3 mg/l.	Circular sewer South of José de Diego (PR- 47) Bridge (West of Calle Lealtad) West Branch of Quebrada Juan Méndez	Capetillo Community	Pueblo	Quebrada Juan Méndez			Received

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3/28/2013	Inspe	Recon ection 7/2012	There was a dry weather discharge during the inspection. Chlorine levels were 0, alkalinity (between 180 and 300 (KH) mg/l, pH - 8 S.U. EPA Sampling: Fecal Coliform 27,600 col/100ml; Enterococci 3,000 col/100ml; Total Coliform 40,300 col/100ml; Ammonia 1 mg/l.	Calle Robles/Calle Libertad, West Side of Quebrada Juan Méndez (Box Sewer Under Bridge) Near 331 Calle Libertad to Queb. Juan Méndez	Capetillo Community	Pueblo	Quebrada Juan Méndez			Received
3/28/2013	Inspe	Recon ection 7/2012	The flow of this dry weather discharge to the west branch of the Quebrada Juan Méndez appears to start from under the abandoned structure shown in photo 710, then flows overland, enters a pipe and then discharges to the Quebrada. The sample was taken in the overland flow just upstream of the footbridge in photo 712. Some Sewage Odor, Chlorine 0 mg/l, Alkalinity (between 180 and 300 (KH) mg/l) EPA Sampling: Fecal Coliform 38,900 col/100ml; Enterococci 11,700 col/100ml; Total Coliform 47,100 col/100ml; Ammonia 1 mg/l.	South of Calle Padre Colón to West Branch of Quebrada Juan Méndez. Sampled flow in stream shown in the photos (just upstream of footbridge) that flowed from beneath an abandoned house and then flows to the Quebrada Juan Méndez	Capetillo Community	Pueblo	Quebrada Juan Méndez			Received
3/28/2013	Inspe	Recon ection 7/2012	A dry weather discharge was observed at this location. The sample was taken in the channel that leads to the Quebrada Juan Méndez (Chlorine 0 mg/l, Alkalinity 120 (KH) mg/l) EPA Sampling: Fecal Coliform 8,100 col/100 ml; Enterococci 1,570 col/100 ml; Total Coliform 19,600 col/100 ml; Ammonia 1 mg/l.	North of Calle Padre Colón to overland stream flow to the West Side of Quebrada Juan Méndez (at the confluence of the West Branch and Main Branch of the Quebrada Juan Méndez)	Capetillo Community	Pueblo	Quebrada Juan Méndez			Received
3/28/2013	Inspe	Recon ection 7/2012	A dry weather discharge was seen at this location of clear water. Chlorine 0 mg/l, Alkalinity 120 (KH) mg/l, pH 7. Also see table 3, there was a small 3" discharge line on the east side of the Quebrada that appeared to be discharing sewage. The report from EPA's Feb. 2012 Recon Inspection notes this point. PRASA's June 14, 2012 letter in response to the Feb 2012 Recon Inspection indicated that there was no evidence of sewage present in this discharge. EPA Sampling: Fecal Coliform 310 col/100ml; Enterococci 110 col/100ml; Total Coliform 790 col/100ml; Ammonia 0.25 mg/l.	Calle Cruz, Box Sewer Below Bridge on West Side of Quebrada Juan Méndez	Valencia Residential Developmen	Universidad	Quebrada Juan Méndez			Received

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3/28/2013	Inspection	There were flows in both of the box sewers. The samples were taken from the more downstream (northern sewer, the further sewer from the bridge) box sewer. Alkalinity was between 180 and 300 (KH) mg/l, Chlorine 0 mg/l, the discharge had a sewage odor. PRASA's June 14, 2012 letter to EPA in response to the EPA Feb. 2012 Recon. Inspection indicated that no PRASA contribution to the storm sewer was observed. MSJ's June 12, 2012 letter to EPA indicates that this point will be re-inspected. EPA Sampling (QJM-8): Fecal Coliform 8,700 col/100ml; Enterococci 520 col/100ml; Total Coliform 25,600 col/100ml; Ammonia 3 to 6 mg/l. EPA Sampling (QJM-9): Fecal Coliform 12,600 col/100ml; Enterococci 500 col/100ml; Total Coliform 19,000 col/100ml; Ammonia 3 to 6 mg/l.	Adjacent to Fire		Oriente	Quebrada Juan Méndez			Received
3/28/2013	EPA Recon Inspection 7/17/2012	the result was 1 to 3 mg/l. PRASA's June 14, 2012 letter in response	Calle Sicilia and Quebrada Juan Méndez Southeast Side of Bridge. Circular Sewer with Flapper Valve to Quebrada Juan Méndez		Oriente	Quebrada Juan Méndez			Received
3/28/2013	Inspection	As shown in the photo and video, there was no sign of a sewage plume that EPA saw during the June 2012 Reconnaissance Inspection. PRASA stated that the broken sanitary siphon line was valved off and the sanitary flow was being transmitted by a parallel siphon across the Quebrada.	Quebrada Doña Ana at the Andalucia Bridge	Las Américas Residential Developmen t	Gobernador Piñero	Residential Quebrada Doña Ana			Received
3/28/2013	Inspection	There was a discharge from this pipe at the time of the inspection. There was a Sewage Odor, Chlorine - 0 mg/l, Alkalinity between 180 and 300 (KH) mg/l. The bacterial samples were a Lab Duplicate so the results were averaged. PRASA's Sept. 6, 2012 letter in response to the EPA March 2012 Recon. Inspection stated that a broken sanitary sewer line near the intersection of Calle Loyola and Calle Interamericana was repaired on July 14, 2012. EPA Sampling: Fecal Coliform 74,000 col/100ml; Enterococci 69,000 col/100ml; Total Coliform 179,000 col/100ml; Ammonia 3 mg/l.	Discharge pipe Calle Sorbona and Calle Loyola at the Río Piedras River (University Gardens)	University Gardens Residential Developmen t	Hato Rey Sur	Residential Río Piedras			Received

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3/28/2013	EPA Recon Inspection 7/18/2012	There was a discharge from this pipe at the time of the inspection. There was no sewage odor and no turbidity Chlorine - 0 mg/l, Alkalinity between 180 and 300 (KH) mg/l; pH 8 (with 6 in 1 strip) and pH 6.5 (with 4.5 to 10 pH Paper). There was a fuel odor near the outfall. PRASA's Sept. 6, 2012 in response to the EPA March 2012 Recon. Inspection stated that a broken sanitary sewer line near the intersection of Calle Loyola and Calle Interamericana was repaired on July 14, 2012. EPA Sampling: Fecal Coliform 60,000 col/100ml; Enterococci 104,000 col/100ml; Total Coliform 128,000 col/100ml; Ammonia 0.25 mg/l.	Discharge pipe Calle Sorbona and Calle Princeton at the Río Piedras River (University Gardens)	University Gardens Residential Developmen t	Hato Rey Sur	Residential	Río Piedras		Received
3/28/2013	EPA Recon Inspection 7/18/2012	There was a discharge from this stormsewer pipe at the time of the inspection. Chlorine - 0 mg/l, Alkalinity between 180 and 300 (KH) mg/l; and pH 7 (with pH 4.5 to 10 pH Paper). Field Paramenters were sampled from the more upstream pipe. PRASA's Sept. 6, 2012 in response to the EPA March 2012 Recon. Inspection stated that a broken sanitary sewer line near the intersection of Calle Loyola and Calle Interamericana was repaired on July 14, 2012. EPA Sampling: Fecal Coliform 42,000 col/100ml; Enterococci 60,000 col/100ml; Total Coliform 107,000 col/100ml; Ammonia 0.5 to 1.0 mg/l.	Discharge pipe Calle Sorbona and Calle Salamanca (Double Round Sewer) at the Río Piedras River. (University Gardens)	University Gardens Residential Developmen t	Hato Rey Sur	Residential	Río Piedras		Received
3/28/2013	EPA Recon Inspection 7/18/2012	The discharge from this double box sewer was sampled in the center of the discharge stream. There was a sewage odor. The sample was taken during dry weather (but following a prior rainfall event, that day). (Alkalinity 80 (KH) mg/l, and Chlorine 0 mg/l). PRASA's October 25, 2012 letter in response to EPA's April 2012 Recon. Inspection stated that there was no discharge seen at this location from either side of the bridge and that the sanitary trunk sewer in this location was flowing half full with good velocity. EPA's April 2012 Recon. Inspection also identified a dry weather flow at this outfall. EPA Sampling (RP-4): Fecal Coliform 115,000 col/100ml; Enterococci 123,000 col/100ml; Total Coliform 177,000 col/100ml; Ammonia 1 to 3 mg/l. EPA Sampling (RP-5): Fecal Coliform 135,000 col/100ml; Enterococci 104,000 col/100ml; Total Coliform 182,000 col/100ml; Ammonia 1 to 3 mg/l.	Jesús T. Piñero (PR-17) Center of Highway and the East Side Río Piedras River - Double Box Culvert (and Field Duplicate)		Hato Rey Norte	Commercial	Río Piedras		Received
3/28/2013	EPA Recon Inspection 7/18/2012	There was a discharge from this pipe at the time of this inspection. There was a Sewage Odor, Chlorine - 0 mg/l, Alkalinity ~120 (KH) mg/l EPA Sampling: Fecal Coliform 80,000 col/100ml; Enterococci 62,000 col/100ml; Total Coliform 124,000 col/100ml; Ammonia 0.50 mg/l.	Large (>= 48") round sewer at Jesús T Piñero (PR-17) to the Northwest of bridge over Quebrada Doña Ana	Residential Developmen	Gobernador Piñero	Commercial	Quebrada Josefina		Received

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3/28/2013	EPA F Inspe 7/18/2	Recon ection /2012	There was a discharge with a strong sewage odor. Chorine 0 mg/l, Alkalinity between 180-300 (KH) mg/l. Peces of toilet paper seen in the discharge on 7/16/12 and here was also sewage odor, green colored discharge, and ammonia screening sample results were 6 mg/l. EPA also identified a similar discharge quality during its June 2012 Recon. Inspection Based on information received from PRASA, on or before September 5, 2012 PRASA replaced brokedn sanitary sewer lines on Calle 15 SE. This sewer work has significantly reduced the dry weather flows, however, as of October 16, 2012; EPA noted that there was an ongoing dry weather sewage discharge. EPA Sampling: Fecal Coliform 346,000 col/100ml; Enterococci 513,000 col/100ml; Total Coliform 453,000 col/100ml; Ammonia 6 mg/l.	Quebrada Doña Ana behind Kayak Shop at 1166 Ave. Américo Miranda (Between Calle 21 SE and Calle 29 SE) 48" circular sewer discharge to north side of Quebrada Doña Ana	Caparra Terrace Residential Developmen t	Gobernador Piñero	Commercial Quebrada Doña Ana	7/7/2014: MSJ did not observe dry weather discharges at this location. The stream flow was clear and odorless.		Open
3/28/2013		Recon ection /2012	On July 18, 2012, the discharge had a sewage odor. Chlorine - 0 mg/l, Alkalinity ~120 - 180 (KH) mg/l and a significant flow. On July 16, 2012 EPA also inspected this site and there was very little flow from this outfall and therefore no field screening was conducted. PRASA reported, in an email to Alex Rivera of EPA on December 17, 2012 that a broken sanitary sewer line at Calle Alesia had been repaired on or about December 14, 2012. MSJ/PRASA shall report on the status of this outfall and whether discharges of sanitary wastewater have ceased. EPA Sampling: Fecal Coliform 421,000 col/100ml; Enterococci 563,000 col/100ml; Total Coliform 501,000 col/100ml; Ammonia 6 mg/l.	Roosevelt Ave. and the Caño Puerto Nuevo (sw of Roosevelt bridge), most upstream (southern) of the 3 circular sewers with the Flapper Valves at Calle Acapulco	Puerto Nuevo Sur Residential Developmen t	Gobernador Piñero	Commercial Río Piedras			Received
3/28/2013	Inspe	Recon ection /2012	The discharge had a sewage odor on both July 16 and July 18, 2012. On July 16 and 18, 2012 ammonia levels were 6 mg/l. On July 18, 2012 Chlorine - 0 mg/l. PRASA reported, in an email to Alex Rivera of EPA on December 17, 2012 that a broken sanitary sewer line at Calle Alesia had been repaired on or about December 14, 2012. EPA Sampling: Fecal Coliform 468,000 col/100ml; Enterococci 318,000 col/100ml; Total Coliform 571,000 col/100ml; Ammonia 6 mg/l.	Roosevelt Ave. and the Caño Puerto Nuevo (sw of bridge), Middle sewer of the 3 round sewers with the Flapper Valves at Calle Acapulco to west side of Caño Puerto Nuevo	Nuevo Sur Residential	Gobernador Piñero	Commercial Río Piedras			Received
3/28/2013	Inspe	Recon ection /2012	The discharge at this outfall was sampled. Chlorine - 0 mg/l, Alkalinity between 180 and 300 (KH) mg/l. EPA Sampling: Fecal Coliform 26,300 col/100ml; Enterococci 19,400 col/100ml; Total Coliform 56,750 col/100ml; Ammonia 0.25 mg/l.	Roosevelt Ave. and the Caño Puerto Nuevo (NE of bridge) adjacent to Police HQ. Discharge to east side of Caño Puerto Nuevo		Hato Rey Norte	Río Piedras			Received

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3/28/2013	EPA Recon Inspection 7/18/2012	field screening was conducted on July 17, 2012: Ammonia levels were 1 to 3 mg/l, Free Chlorine 0 mg/l, and there was a sewage odor. There was also a grey growth in and below the discharge pipe as shown in the photos and video. EPA Sampling: Fecal Coliform 381,000 col/100ml; Enterococci	Calle Capetillo and Quebrada Juan Méndez (West side of Creek, North of footbridge) discharge to Quebrada Juan Méndez	Capetillo Community	Pueblo		Quebrada Juan Méndez						Received
3/28/2013	EPA Recon Inspection 7/18/2012	Lab Duplicate (Results Averaged), No field samples were taken on July 18, 2012. Field screening of the discharge channel was conducted on July 17, 2012 (See QJM 5 above). EPA Sampling: Fecal Coliform 52,000 col/100ml; Enterococci 18,000 col/100ml; Total Coliform 116,000 col/100ml; Ammonia BLANK.	South of Calle Padre Colón and Quebrada Juan Méndez (Discharge pipe from stream that flows from under and abandoned house, across a homemade footbridge) into West Branch of Quebrada Juan Méndez	Rio Piedras Sector	Pueblo		Quebrada Juan Méndez						Received
6/19/2013	EPA Recon Inspection 4/5/2013	A manhole structure (manhole #4) was observed at the walkway of the Aguadilla Street, in the corner of Esteban's restaurant. We need to know whether or not it is a sanitary or storm water collection system manhole. The inside of the manhole structure has a four (4) inch PVC pipe connection and another four (4) inch rusty pipe In general, the structure is in bad conditions. See photo #8.	Aguadilla Street	Condado	Santurce	Commercial	Laguna del Condado	There are no storm sewer manholes or catch basins in Aguadilla St. Storm water runs off along the street gutters towards the Condado Lagoon.					Closed
6/19/2013	EPA Recon Inspection 4/5/2013	Concrete rectangular storm water discharge structures near the end of Vieques Street and Jaime Benitez Park parking lot: Coordinates: 18°27' 18.08" N - 66°04' 30.01" W. Two (2) rectangular storm water structures were found. Turbid and grayish water flow was observed in both structures. One of the structures has approximately 36 inches of width and the other at least 72 inches wide. See photo #11 and #12. This is a potential non-compliance point of discharge of pollutants that needs further investigation by MSJ.	Vieques Street	Alto del Cabro	Santurce	Commercial	Laguna del Condado	3/12/2015: MSJ observed lightly turbid water in the Condado Lagoon near the storm sewer structures, and the tide changes caused water to flow in and out of the structures. We could not identify if the storm structures are the source of the turbid water.	vn Laguna del Condado	Unknown	MSJ will continue to monitor the area and conduct another inspection when tide is lower and calmer.		Open
6/19/2013	EPA Recon Inspection 4/5/2013	Coordinates: 18° 27' 17.02" N - 66° 04' 38.78" W. Dry weather flow was observed, the source appears to be a drinking water line leakage.	Monserrate Street/Baldoriot y de Castro Expressway (in front of Cosmopolitan Condominium)	Alto del Cabro	Santurce	Residential	Laguna del Condado						Received
6/19/2013	EPA Recon Inspection 4/5/2013	18°27' 17.02" N - 66°04' 38.78" W. Turbid dry weather flow was observed at this location. This is a potential non-compliance point of discharge of pollutants that needs further investigation by MSJ.	Cuevillas Street/Baldoriot y de Castro Expressway	Miramar	Santurce	Residential	Laguna del Condado	2014: MSJ and EPA found a white discharge in this storm sewer and traced it to the Marriott Hotel at the corner of Ponce de Leon Ave. and Cuevillas St.	ter Laguna del Condado	Marriott Miramar Hotel \$1,000.0	MSJ ordered the facility to disconect the laundry machines drain from the storm sewer system and reconnect it to the sanitary sewer system.		Closed

6/19/2013	EPA Recon Inspection 4/5/2013	In general, the Condado Lagoon storm water structures appear to be in bad conditions. Most of the concrete pipes were found clogged with sand and rocks or partially broken. MSJ shall assess the condition of the storm water collection system in the Condado Lagoon area.		Condado	Santurce	Recreational Laguna del Condado			Received
9/4/2013	EPA Recon Inspection 7/8/2013	a. EPA opened the manhole on the western side of Calle Figueroa at the North Side of Calle Corchado and observed a large (what appeared to be a box sewer) with a large volume of standing water. A grab sample was taken and using ammonia test strips the ammonia level as 1 mg/l. b. As shown in photograph 1354 on the west side of Calle Figueroa on the South Side of Calle Corchado there was a flow entering the large storm sewer in photos 1355 to 1357. Ammonia concentrations of this flow entering the large storm sewer was 0.5 mg/l.	Calle Figueroa and Calle Corchado - Photos DSCN1354 (1354) to 1357						Received
9/4/2013	EPA Recon Inspection 7/8/2013	The manhole for the large storm sewer on western side of street intitially had large volume of standing water with ammonia levels of 1 mg/l but, apprently after the Stop 18 Pump Station activated, there was a considerable flow in the large storm sewer flowing towards the pump station Photos 1364, 1365 Video 1366. There were two other pipes that were visible and had dry weather flows into the large storm sewer. One pipe with a dry weather flow from the east (Photo 1364, Video 1366) had ammonia levels of 0.5 mg/l. Another pipe entering relatively high in the manhole (Photo 1365 and Video 1366) from the northwest had ammonia levels of approximately 1 mg/l. After the apparent activation of the Stop 18 pump station another sample was taken in the large storm sewer main and there was an ammonia concentration of 3 mg/l. It is possible that other pipes enter into this manhole, however, it appears that the base of the manhole is larger than the upper portions of the manhole, and the inspectors were unable to see beneath this ledge or rim.	Calle Villamil/Calle Progreso						Received
9/4/2013	EPA Recon Inspection 7/8/2013	As shown in photograph 1369 there is a deep manhole for the large storm sewer that flows south from Calle Las Flores to the DNER Stop 18 Pump Station. Ammonia levels taken from the storm sewer at this location had ammonia levels of 1 to 3 mg/l. In August 2008 EPA's Contractor, SAIC, collected a sample at this location and the results are contained in 2008 of the March 2009 inspection report. The SAIC inspection verified via dye testing that this same storm sewer at Calle Las Flores and Calle Villamil flows into Stop 18 Pump Station and also verified that there was sewage in this large storm sewer that enters the Stop 18 PS as shown in the table below. SAIC Sampling: BOD 70.5 mg/l; Ammonia 19.5 mg/l; Surfactants 2.2 mg/l; Potassium 10.4 mg/l; Caffeine 18.85 mg/l; Fecal Coliform 5,023,780 cfu/100ml; Fecal Enterococcus 2,114,516 cfu/100ml.							Received

		Generally speaking each of the samples taken from either the standing or flowing water in the large storm sewer had a sewage								
9/4/2013		In addition to SAIC (EPA Contractor) samples taken in 2008, SAIC conducted sampling in 2006 at the STOP 18 PS wet well that also verified sewage entering the pump station as did sampling conducted EPA's contractor ERG in 2011 at the Stop 18 discharge point in Parque Central. DNER sampling at the pump station conducted in 2012 also shows that there is sewage in the Stop 18 PS discharge. EQB sampling in 1994/1996 also confirmed that there was sewage in this sewer. Based upon the Department of Public Works, Bureau of Highways' Storm Sewer Maps provided by the PRDTPW to EPA in 2013 in response to a Request for Information the Proposed Improvements Graphic No. 41a Alternative B (Attachment 2) and Graphic No. 40a Alternative A (Attachment 4), as well as EPA's staff Best Professional Judgement and based on the size and alignment of the storm sewer, the sewer that runs from north to south down Calle Progreso/Calle Villamil from at least Calle Corchado flows into the Stop 18 Pump Station. Sampling by EPA's Contractor SAIC in 2006 and 2008, EPA's contractor ERG in 2011 and DNER samples in 2012 as well as a 1994/1996 study by the Puerto Rico Environmental Quality Board (Att.5), also confirm sewage entering the Pump Station. The Dept. of Public Works, Bureau of Highways Graphic 41.a (Att.2) shows that								Received
9/12/2013		Wastewater mahhole #1, Mayagüez and Aguadilla Streets Intersection at corner of Vanderbilt Lagoon #54. No overflow was observed, but signs of recent overflow events were observed. Pieces of toilet paper and other typical wastewater solids were observed at the Aguadilla Street and its storm water curb. Wastewater accumulation was also observed at the Aguadilla Street storm water curb, which later discharges into the Condado Lagoon. The manhole was found with significant amounts of solids accumulated at the bottom. No wastewater accumulation or flow was observed, just wastewater solids. For more details, see Attachment I Location Map and Attachment II photos #1 thru #14. Residents were alleging that the overflows were persistent since Saturday, August 17, 2013 thru Tuesday August 20, 2013.	Mayagüez and Aguadilla Streets (Northeast of the Condado Lagoon) Condado SSS	Condado	Santurce	ondado	MSJ does not have underground storm sewer structures at this location that can affect the PRASA sanitary sewer system. Storm runoff is managed above ground with the street gutters.	PRASA		Closed
9/12/2013	EPA Recon Inspection 8/21/2013	Storm water channel outlet #1 was observed with wastewater accumulation. Storm water outlet #1 discharges into the Condado Lagoon and near to one of the SJBEP's Oyster Deployement and Water Quality Improvement Project Stations. For more details, see Attachment I Location Map and Attachment II photos #5 thru #9.	Mayagüez and Aguadilla Streets (Northeast of the Condado Lagoon) Condado SSS	Condado	Santurce	guna del ondado	3/12/2015: MSJ did not observe wastewater in the channel outlet. Depending on the tide elevation, water may flow inland through the outlet.			Closed
9/12/2013		Wastewater manhole #2, Aguadilla Street, in front of Olive's Boutique Hotel. It was observed filled with wastewater to an estimated depth of inches below the manhole upper ring. The manhole half-pipe channel cannot be seen. For more details, see Attachment I Location Map and Attachment II photos #10 and #11.	Mayagüez and Aguadilla Streets (Northeast of the Condado Lagoon) Condado SSS	Condado	Santurce	juna del ondado	MSJ does not have underground storm sewer structures at this location that can affect the PRASA sanitary sewer system. Storm runoff is managed above ground with the street gutters.	PRASA		Closed

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9/12/2013	EPA Recon Inspection 8/21/2013	Wastewater manhole #3, Mayagüez and Barranquitas Streets Intersection. The flow observed at the manhole half-pipe channel was slow. The manhole appeared to have high levels recently. For more details, see Attachment I Location Map and Attachment II photos #12 and #13.	Mayagüez and Aguadilla Streets (Northeast of the Condado Lagoon) Condado SSS	Condado	Santurce	Residential	Laguna del Condado	MSJ does not have underground storm sewer structures at this location that can affect the PRASA sanitary sewer system. Storm runoff is managed above ground with the street gutters.	PRASA		Closed
9/12/2013	Inspection	Storm water channel outlet #2 was observed with signigicant amount of water accumulation. Storm water outlet number 2 discharges into the Condado Lagoon. For more details, see Attachment I Location Map and Attachment II photos #14 thru #17.	Mayagüez and Aguadilla Streets (Northeast of the Condado Lagoon) Condado SSS	Condado	Santurce	Residential	Laguna del Condado	3/12/2015: MSJ did not observe water accumulation in the channel outlet.			Closed
9/13/2013	Alex Rivera (EPA)	Sanitary sewer overflows from various manholes along Road PR-3.	Intersection of PR-3 and 23rd Street; PR-3 in front of KFC restaurant; Intersection of PR-3 and 31st Street; PR-3 in front of ANY Parts Corp.		Sabana Llana Norte	Commercial					Received
9/17/2013	EPA Recon Inspection 7/11/2013	Circular pipe #2 enters stormwater manhole No. 1 from the east. The flow comes from a parallel storm water collection manhole at the De Diego Ave. that appears to collect the flow from the Martin Travieso Street. See Attachment I - Location Map for more details. A grab sample was taken and using ammonia test strips the ammonia level was between 0 to 0.25 mg/l. Additionally, using a surfactant sampling kit the results for surfactants was approximately 1.5 ppm. There were no foul odors. See Attachment 2 Photo No. 4.	Storm water manhole #1 (SW MH #1): Is located at the southwest corner of De Diego Ave. and Estrella Street intersection and at the corner in front of Dianna's Pizza. See Attachment I Location Map for more details.	Bayola	Santurce	Commercial	Laguna del Condado				Received
9/17/2013	EPA Recon Inspection	EPA opened the manhole and noted dry weather flow and foul odors. A grab sample was taken using ammonia test strips the ammonia levels was 0.25 mg/l. Additionally, using a surfactant sampling kit the results for surfactants was between 0.25 and 0.50 ppm. See Attachment 2 Photo No. 4. See Attachment 2 Photos No. 13 and No. 14.	Storm water manhole #3: Located at the De Diego Ave. sidewalk, adjacent to the public bus stop and the DNER De Diego PS propety fence (diesel tank),	Bayola	Santurce	Commercial	Laguna del Condado				Received

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9/17/2013	EPA Recon Inspection 7/11/2013	EPA opened the manhole and noted dry weather flow and foul odors. Wastewater was observed flowing east from under Supermax and entering the storm sewer (on the west side of the manhole) from an approximately 16 inch pipe at the bottom at the manhole. A grab sample was taken and using ammonia test strips the ammonia level was between 3 and 6 mg/l. This discharge had a strong sewage odor and there was algal growth in the 16" pipe. See Attachment 2 Photos No. 15 thru No. 18. Additionally, a PVC pipe was found crossing the upper part of the manhole and connected into the storm drain at De Diego Street. Dry-weather flow was observed at the street curb and into the storm water drain inlet. The pipe appears to be flowing from the Supermax supermarket building. See Attachment 2 Photos No. 16 and No. 19 thru No. 22.	Storm water manhole #4: Located at the De Diego Ave. (West) sidewalk adjacent to the eastern wall (along De Diego Avenue) of the Supermax supermarket.	Bayola	Santurce	Commercial Laguna del Condado			Received
9/17/2013	EPA Recon Inspection 7/11/2013	EPA opened the manhole and was found with significant amounts of grease accumulation. The flow channel at the bottom of the manhole was obstructed. See Attachment 2 Photos No. 28 thru No. 31.	Storm water manhole #7: Located at the De Diego Ave. sidewalk to the right of Supermax supermarket.	Bayola	Santurce	Commercial Laguna del Condado			Received
12/17/2013	EPA Recon Inspection 8/28/2012	This point was identified in previous EPA Recon inspection reports (June and July 2012) as well as previous inspections. The 2009 CSA report (See attachment 5a-2, 3, and 4 from June 2012 Recon Report) show a similar condition in 2009 as in 2012. The ammonia levels of this discharge were 6 mg/l and there was a sewage odor. The discharge also appeared to contain small pieces of toilet paper. There was no residual chlorine present in the discharge based on the Tetra Easy Strip 6 in 1 sample. The discharge caused caused a portion of Quebrada to turn a greenish color. Eng. Alex Rivera of EPA-CEPD PRASA/MSJ sent an email to PRASA on June 6, 2012 explaining the location of this sewage discharge. On or before September 5, 2012 PRASA replaced broken sanitary sewer lines on 15 SE Street. This sewer work has significantly reduced the dry weather flows, but raw sewage discharges continued until PRASA fixed additioal broken sanitary lines in the area such as at 15 SE and 16 SE Streets. EPA took ammonia samples on July 8, 2013 and found levels to be at or about 0 mg/l. EPA did note a dry weather discharge of clear water that did not appear to contain sewage.	Quebrada Doña Ana behind Aqua Sports Kayak (1166 Américo Miranda) Reparto Metropolitano	Caparra Terrace Residential Developmen t	Gobernador Piñero	Commercial Quebrada Doña Ana	7/7/2014: MSJ did not observe dry weather discharges into the creek. The stream flow was clear and odorless.		Open
12/17/2013	EPA Recon Inspection 8/28/2012	Calle 54 SE and Calle 9 SE at Quebrada Josefina - Discharge pipe seen flowing during dry weather into the creek.	Quebrada Josefina at Calle 54 SE and Calle 9 SE	Residential	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013	EPA Recon Inspection 8/28/2012	Small discharges with rust colored staining entering the Queb. Josefina, small flow from approx. 12" pipe, upstream of Calle 54 SE, near Forensics Building.	Quebrada Josefina at Calle 54 SE and Calle 9 SE	Extensión Reparto	Gobernador Piñero	Quebrada Josefina			Received

12/17/2013	EPA Recon Inspection 8/28/2012	White milky colored discharge with floating solids from pipe near the Suiza Dairy Plant. The discharge caused a white milky colored flow, with floating solids in the Queb. Josefina. See Videos 954, 954 and Photos 955 to 957. Algae growth was also seen in the Queb. Josefina at this location. There was a strong odor at the discharge as well. Using pH paper was approx 4.5 to 5 S.U. On December 27, 2012, EPA-CEPD (Alex Rivera) viewed a dry weather discharge from this location, but it did not have the "milky" color. MSJ must inspect this stormsewer and PRASA must inspect the sanitary sewer tributary in this area to determine the status and cause of the milky discharge from this location. This milky colored discharge was also identified in the 2009 CSA report (See Attachment 2a and CSA video 5824.	Approx 100m to 200m Upstream of Calle 54 SE in Quebrada Josefina	Extensión Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013	EPA Recon Inspection	Across Quebrada Josefina from the milky colored discharge near the Suiza Dairy Plant discharge shown above in videos/photos 953 to 957 - Ammonia concentration was 1 mg/l, pH approx 6.5. There was some rust colored material at and downstream of the outfall, and sediment seen at the outfall as well.		Extensión Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013	Inspection	Small discharge (trickle) at or around a pipe along the channel wall, just downstream of the milky colored discharge near the Suiza Dairy Plant. Ammonia levels were 3 mg/l.	Approx 100m to 200m Upstream of Calle 54 SE in Quebrada Josefina	Extensión Reparto Metropolitan o Residential Developmen	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013	EPA Recon Inspection 8/28/2012	Upstream Calle 54 SE and Calle 9 SE at Quebrada Josefina - east side of the Queb. Josefina upstream of Calle 54 SE/Calle 9 SE discharge contains 0 mg/l of ammonia but contained about 1 mg/l of residual chlorine.	Upstream of Quebrada Josefina at Calle 54 SE and Calle 9 SE	Extensión Reparto Metropolitan o Residential Developmen	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013	EPA Recon Inspection 8/28/2012	Discharge on the East Bank of Queb. Josefina within approx 5m of Calle 54 SE bridge. No Odor, 0 mg/l ammonia, 0 mg/l chlorine.	Approximately 5 m. upstream of Calle 54 SE in Quebrada Josefina	Extensión Reparto Metropolitan o Residential	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013	Inspection 8/28/2012	Videos show several discharges downstream of the Calle 54 SE bridge on both sides of the Quebrada. We did not access these outfalls. There was one apparent straight pipe connection on the east bank of the Quebrada Josefina where there was a foam caused by the discharge (See Video 973).	Quebrada Josefina downstream of Calle 54 SE	Extensión Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Quebrada Josefina			Received
12/17/2013		Double barrel round sewer flowing into the west side of the Rio Piedras River, no odor, 0 ammonia, 0 chlorine. CSA Report from 10/22/09 identified discharges with a sewage odor at this location.	Calle Jazmin/Calle Lotus, Borinquen Gardens	Borinquen Gardens Residential Developmen t	Caimito	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/28/2012	Signs of previous sanitary sewer overflow at the manhole on the street. Rags, toilet paper were seen at the rim of the manhole and on the street. There is a storm water catch basin on the street within 10 feet of this sanitary sewer manhole. Sanitary Sewer Overflows from this manhole would flow into the stormwater catch basin. This is close to the double barrel storm sewer at Calle Jazmín/Calle Lotus in the Rio Piedras River shown above in photos/video 975 to 978. Note that the 10/22/09 CSA Report identified a sewage discharge at the double barrel 54" sewer that is located near this outfall.	Manhole Calle Jasmín/Calle Lotus, Borinquen Gardens	Borinquen Gardens Residential Developmen t	Caimito	Río Piedras			Received

12/17/2013	EPA Recon Inspection 8/28/2012	2 to 3" pipe discharging on the east side of the Rio Piedras River Approx 200 to 300 meters upstream of Calle Jazmín 0 mg/l ammonia, no odor. Flow also flowing down the channel adjacent to the outfall. Adjacent to large apartment building.	200m to 300 m upstream (south) of Calle Jazmín/Calle Lotus, Borinquen Gardens Borinquen Gardens Borinquen Gardens Borinquen Gardens Borinquen Gardens Borinquen Gardens	Caimito	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/28/2012	Debris/garbage, floatables, caught up on debris in the river.	Approx. 200m to 300 m or more upstream (south) of Calle Jazmín/Calle Lotus, Borinquen Gardens Borinquen t t	Caimito	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/28/2012	Trickle from ground at Calle Jazmín. There was no flow seen from the pipe in the photo	Calle Jazmín at Rio Piedras River, Borinquen Gardens Residential Developmen Gardens t	Caimito	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	36" pipe with a dry weather flow, no odor, 0 mg/l ammonia, 0 mg/l residual chlorine.	Rio Piedras River just south (upstream) of the Winston Churchill Bridge over the Rio Piedras River	Cupey	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	Large sewer dry weather discharge 0 mg/l ammonia, 0 mg/l residual chlorine, no odor, pH approx. 8.4, and potential groundwater discharge.	Rio Piedras River approximately 100 meters south of the Winston Churchill Bridge. Discharge on west side of River.	Cupey	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	Dry weahter discharge into the Rio Piedras River south of Churchill Bridge	Discharge pipe into the Rio Piedras River south of Churchill Bridge	Cupey	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	Calle Tirso dry weather discharge no odor, ammonia 0 mg/l, chlorine 0 mg/l, clear discharge.	Rio Piedras River south of the Winston Churchill Bridge. Discharge on east side of River Rio Piedras	Cupey	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	Dry weather discharge below Tirso dry weather discharge no odor, ammonia 0.25 mg/l, chlorine 0 mg/l, clear discharge. Near the southern end of Calle Tirso	River approximately 500m south of the Winston Churchill Bridge. Discharge on east side of River 4" PVC	Cupey	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	The seep had a sewage odor but also had 0 mg/l ammonia concentration. This area should be further inspected for potential sewage leaks.	Pipe. Small seep - with sewage odor approximately 100 meters downstream (north) of Las Cumbres Ave. Bridge PR-199 on west bank of Rio Piedras River	Monacillo	Río Piedras			Received

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12/17/2013	EPA Recon Inspection 8/29/2012	Discharge on east side from area of Broken headwall, Ammonia levels 0 to 0.25 mg/l, 0 chlorine, no odors, water running clear. Dry weather flow.	Rio Piedras River just north (downstream) of PR-177 Bridge East Side of River	Residential	Cupey	Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	Dry weather flow from box sewer on the west side of the Rio Piedras River. Below Calle Ural. No sewage odor, ammonia levels 0.25 mg/l, Chlorine 0 mg/l. Nitrates low, Alkalinity. There was a sewage odor in the area. See entry below on nearby pipe.	Box Sewer west side of Rio Piedras just north (downstream) of PR-177 Bridge. Adjacent to Calle Ural.			Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	There was a dry weather trickle of flow with a sewage odor. The flow had a greenish color, some foam. An area resident said that the sanitary manholes on Calle Ural occasionally overflow. Ammonia concentrations of 6 mg/l. EPA conducted an additional inspection at Calle Ural and Calle Wesser on 9-7-12 along with PRASA's Hector Cepeda. We did not observe signs of recent overflows or high levels at the collection system. The only possible issue that maybe is causing the discharge of wastewater into the River is that the street is yielding in the area and probably that cause some structural damage to the sanitary system pipes. PRASA and the MSJ were informed about the findings on an email dated 9-24-2012, along with the findings at the Quebrada Doña Ana, Puerto Nuevo Flap Valves, Andalucia and Roosevelt Streets and El Paraiso (Támesis/Amazonas Streets). EPA did not receive any response to that email.	Trickle of flow just upstream of the Box Sewer (photo/videos 1019 to 1023) west side of Rio Piedras River just north (downstream) of PR-177 Bridge. Adjacent to Calle Ural/Rio Piedras Heights			Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	There was a dry weather flow/trickle with ammonia levels of 6 mg/l with a sewage odor. EPA conducted an additional inspection at Calle Ural and Calle Wesser on 9-7-12 along with PRASA's Hector Cepeda. EPA/PRASA did not observe signs of recent overflows or high levels from the sanitary collection system. The only possible issue that maybe is causing the discharge of wastewater into the River is that the street is yielding in the area and probably caused some structural damage to the sanitary system pipes. PRASA and MSJ were informed about the findings in an email from Alex Rivera EPA dated 9-24-2012, along with the findings at the Quebrada Doña Ana, Puerto Nuevo Flap Valves, Andalucia and Roosevelt Streets and El Paraiso (Támesis/Amazonas Streets). EPA did not receive any response to that email.	Another trickle of flow downstream (north) of the points (video/photos) 1019 to 1027) into the west side Rio Piedras River. Below Calle Ural/Rio Pedras Heights			Río Piedras			Received
12/17/2013	EPA Recon Inspection 8/29/2012	Dry weather discharge with an orange growth in it. Located below a headwall in poor condition. Ammonia levels 0.5 mg/l, 0 mg/l chlorine.	Rio Piedras River approximately 500 meters downstream (north) of the PR-177 Bridge. From headwall in poor condition on the east side of the Rio Piedras River			Río Piedras			Received

12/17/2013	EPA Recon Inspection 8/29/2012	Dry weather discharge with a slight sewage odor. Ammonia levels were 1 mg/l. Nitrate levels were 0.5 to 1 mg/l.	Rio Piedras River - Elevated apparent Box Sewer approximately Km. downstream from PR-177 bridge into west wide of Rio Piedras River		Río Piedras			Received
1/24/2014	EPA Recon Inspection 9/24/2013	Storm Sewer Manhole No.I. There was a constant dry-weather flow from a circular storm sewer pipe. A grab sample was taken and using ammonia test strips the ammonia level was approximately 3 mg/l. The sample had sewage odor. In July 2013 EPA and PRDTPW dye tested this sewer line and confirmed that it flows from Baldorioty Ave. PR-26 north on De Diego Ave. to Stormwater Manhole No. 1 at Calle Estrella (See Attachment 1). EPA also dye tested during a previous inspection and confirmed that this manhole (Storm Sewer Manhole No.1) flows into the DNER De Diego PS. EPA Sampling (MSJ-1): Fecal Coliform 10,935 col/100ml; Enterococci 6,410 col/100ml; Ammonia 3 mg/l. EPA Sampling (MSJ-2): Fecal Coliform 11,030 col/100ml; Enterococci 6,260 col/100ml; Ammonia 3 mg/l.	De Diego Avenue and Estrella Street Intersection. Dryweather flow entering from the south (Baldorioty de Castro Avenue), adjacent to Diana's Pizza.					Received
1/24/2014	EPA Recon Inspection 9/24/2013	Storm Sewer Manhole No. 1. There was a constant dry-weather flow from a circular storm sewer pipe. A grab sample was taken and using ammonia test strips the ammonia level was approximately 0 mg/l. The sample had no sewage odor. There were surfactants present and there was no residual chlorine present. (See Storm Sewer Manhole No. 1 Attachment 1). EPA Sampling: Fecal Coliform 2,215 col/100ml; Enterococci 3,270 col/100ml; Ammonia 0 mg/l.	De Diego Avenue and Estrella Street Intersection. Dry weather flow entering from the east.					
1/24/2014	EPA Recon Inspection 9/24/2013	Storm Sewer Manhole No. 3. Located at the De Diego Ave. (West) sidewalk adjacent to the eastern wall (along De Diego Avenue) of the Supermax supermarket. EPA opened the manhole and noted dry weather flow and foul odors. Wastewater was observed flowing east from under Supermax and entering the storm sewer (on the west side of the manhole) from an approximately 16 inch pipe at the bottom at the manhole. A grab sample was taken and using ammonia test strips the ammonia level was between 3 and 6 mg/1 within the manhole downstream of where the approximately 16"pipe flowing beneath Supermax enters the manhole. This discharge had a strong sewage odor and there was algal growth in the 16" pipe. The flow in the sewer line continues and flows towards the manhole shown in Photo 1495 and Video 1495 which then angles towards the DNER De Diego PS. EPA Sampling: Fecal Coliform 3,180 col/100ml; Enterococci 4,225 col/100ml; Ammonia 3 - 6 mg/l.	De Diego Avenue West Sidewalk — North of Calle Estrella and South of Loiza Street (Super Max)					

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1/24/2014	EPA Recon Inspection 9/24/2013	Storm Sewer Manhole No. 2. Pipe with small flow from east to the west side of the De Diego Avenue which collects flow from a catch basin. No ammonia test strips were used. EPA Sampling: Fecal Coliform 1,740 col/100ml; Enterococci 1,375 col/100ml; Ammonia N/A.	De Diego Avenue West Sidewalk — near corner of Calle Estrella and a Bus Stop.						
1/24/2014	EPA Recon Inspection 9/24/2013	Box sewer discharging into the Condado Lagoon. A grab sample was taken in the lagoon just in front of the discharge point. Using ammonia test strips the ammonia level was between 0.5 and 1 mg/l. EPA Sampling: Fecal Coliform 1,860 col/100ml; Enterococci 510 col/100ml; Ammonia 0.5 - 1 mg/l.	Jaime Benitez Park Calle Vieques Box Sewer						
1/24/2014	EPA Recon Inspection 9/24/2013	Storm Sewer Manhole No. 4. A grab sample was taken in the storm sewer at the outflow (downstream) part of the manhole. Using ammonia test strips the ammonia level was between 1 and 3 mg/l. The sample had a slight sewage odor. A test for surfactants was performed; the surfactants levels were 3 PPrn - An additional pipe was seen entering high in the manhole from the southeast. No ammonia was detected using the ammonia test strips. EPA Sampling: Fecal Coliform 2,460 col/100ml; Enterococci 2,545 col/100ml; Ammonia 1 - 3 mg/l.	Storm sewer manhole at Calle Julian Blanco and Calle Martin Travieso						
2/11/2014	EPA Recon Inspection 10/16/2012	Ammonia screening samples were taken in the flow in the concrete vault shown in photographs 772 to 774. Results were 3 mg/l and there was some sewage odor. There was not a clear flow in either direction in the vault. The water in this wetland area can flow east towards the MSJ Dept. of Public Works Puerto Nuevo Northeast pump station (Photos 788 and 789). An area resident said that cleaning of this channel used to be more frequent, but MSJ stopped cleaning the channel which led to increase flooding.	Puerto Nuevo North - South of PR-22 in the vicinity of 20 NE Street	Residential	Gobernador Piñero	Residential	Quebrada Margarita		Received
2/11/2014	EPA Recon Inspection 10/16/2012	Double round sewer flow (Photo 780) into wetlands area tributary to the MSJ Puerto Nuevo NE Pump. The flow was clear and not turbid.	Puerto Nuevo North - South of PR-22 in the vicinity of 7-NE Street	Nuevo Norte Residential	Gobernador Piñero	Residential	Quebrada Margarita		Received

2/11/2014	EPA Recon Inspection 10/16/2012	This point was identified in previous EPA Recon inspection reports (June and July 2012) as well as previous inspections. The 2009 CSA report (See attachment 5a-2, 3, and 4 from June 2012 Recon Report) show a similar condition in 2009 as in 2012. The ammonia levels of this discharge were 6 mg/l and there was a sewage odor. The discharge also appeared to contain small pieces of toilet paper. Eng. Alex Rivera of EPA-CEPD PRASA/MSJ sent an email to PRASA on June 6, 2012 explaining the location of this sewage discharge. On or before September 5, 2012 PRASA replaced broken sanitary sewer lines on 15 SE Street. This sewer work has significantly reduced the dry weather flows as shown in the photos on October 16, 2012. Ammonia screening sample results for the discharge on Oct. 16, 2012 was 6 mg/l. This point was identified in previous EPA Recon inspection reports (June, July, and August 2012). The 2009 CSA report (See attachment 5a-2, 3, and 4 from June 2012 Recon Report) show a similar condition in 2009 as in 2012. On or before September 5, 2012 PRASA replaced broken sanitary sewer lines on 15 SE Street. This sewer work has significantly reduced the dry weather flows, but raw sewage discharges continued until PRASA fixed additioal broken sanitary lines in the area such as at 15 SE and 16 SE Streets. EPA took ammonia samples on July 8, 2013 and found levels to be at or about 0 mg/l. EPA did note a dry weather discharge of clear water that did not appear to contain sewage.	Doña Ana Creek behind Aqua Sports Kayak (1166 Américo Miranda) Reparto Metropolitano	Reparto Metropolitan o Residential Developmen t	Gobernador Piñero	Commercial Quebrada Doña Ana	7/7/2014: MSJ did not observe dry weather discharges in this location. The stream flow was clear and odorless.		Open
2/11/2014	Inspection	On the north side of the PR-21 construction site at the Buena Vista Creek there was a sanitary sewer manhole that was partially lifted up off the manhole rim where there was toilet paper and debris - evidence of a sanitary sewer overflow. Overflows from this location could flow into the Buena Vista Creek located nearby.	PR-21 north side near Buena Vista Creek just on north of construction site.		El Cinco	Quebrada Buena Vista			Received
2/11/2014	Inspection	Rust colored discharge to Buena Vista Creek, causing a rust colored flow in the Buena Vista Creek (pH approximately 6 S.U., Ammonia 0 mg/l). PRASA and MSJ were notified of this discharge via email from Alex Rivera EPA on November 16, 2012.	Buena Vista Creek east side of Creek Beneath PR-21 Bridge		El Cinco	Quebrada Buena Vista			Received
2/11/2014	EPA Recon Inspection 10/16/2012	Discharge had slight foam and an ammonia level of 0.25 mg/l.	Buena Vista Creek south of PR-21 on the west side of the channel		El Cinco	Quebrada Buena Vista			Received
2/11/2014	EPA Recon Inspection 10/16/2012	In Quebrada Buena Vista - approximately 50 meters downstream from the Baseball Field (downstream of 16 Street, near 18 Street near Villa Nevarez), on the west side of the Creek there is a Semicircular sewer ~36" diameter with a dry weather sewage flow - Sewage Odor, with Ammonia levels of 6 mg/l, white/grey filamentous algal growth in channel. PRASA and MSJ were notified of this discharge via email from Alex Rivera EPA on November 16, 2012 (Att. 7). EPA Revisited this outfall on July 8, 2013 and this dry weather sewage discharge was continuing.	Buena Vista Creek - approximately	Villa Nevarez Residential Developmen t	El Cinco	Residential Quebrada Buena Vista			Received
2/11/2014	EPA Recon Inspection 10/16/2012	Approx 48" circular with dry weather flow. There was no sewage odor. Ammonia levels of 0.5 mg/l.	24 and 18 Streets, Nevarez Ward (Downstream of 16 Street and Upstream of Ave. Américo Miranda (West side of Creek)		El Cinco	Residential Quebrada Buena Vista			Received

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2/11/2014	Inspection	Dry weather flow - Sewage Odor, Ammonia concentration of 3 mg/l. PRASA and MSJ were notified of this discharge via email from Alex Rivera EPA on November 16, 2012 (Att. 7).	Buena Vista Creek - Box Culvert downstream from 18 and 24 Streets and upstream of Ave. Américo Miranda - West side of Channel		El Cinco	Residential	Quebrada Buena Vista	à					Received
2/11/2014	EPA Recon Inspection 10/16/2012	Sanitary Sewer Overflow (SSO) from sanitary manhole following rain event. 2 manhole covers at this location were moved off of the manhole. The SSO flows towards the Rio Piedras River. SSOs at this location were seen during previous EPA inspections starting on June 5, 2012. PRASA was notified by phone on June 5, 2012 and EPA and PRASA visited the site on June 13, 2012. EPA again visited the area on July 16, 2012 and documented that a sanitary sewer overflow occured. MSJ and PRASA were notified via email from Alex Rivera of EPA on July 20, 2012. PRASA and MSJ were also notified on or about November 16, 2012 by email from Alex Rivera of continuing problems that were documented by EPA during this October inspection (Att. 7). This has been the site of recurring SSOs.	Támesis and Amazona Street (El Paraíso Development)		El Cinco	Residential	Río Piedras	7/28/2013: MSJ observed a sanitary sewer overflow at Calle Amazona/Calle Rodano that flowed east to Calle Amazona/Calle Támesis along the street gutter and to the Río Piedras through a ditch.	Sanitary	Río Piedras	PRASA	MSJ notified the sanitary sewer overflow to PRASA in claim #45584746. EPA informed MSJ that PRASA performed a CCTV study on Aug. 27, 2013 but needs to peform an additional study. PRASA will be conducting a sanitary sewer cleaning project and CCTV study along Road PR-176, from March 30 to May 25, 2015. This effort should resolve the sanitary sewer overflows in the El Paraíso Residential	Open
2/11/2014	EPA Recon Inspection 10/16/2012	Signs of a sanitary sewer overflow, paper towels, debris seen in and around manhole cover. SSOs at this location were seen during previous EPA inspections such as in June 5, 2012 and PRASA and MSJ were notified on July 20, 2012 and November 16, 2012 by email from Alex Rivera. On July 26, 2013 EPA received a citizen complaint regarding overflows from a PRASA manhole at the Rodano and Amazona Streets intersection, PRASA was notified by email about the situation on July 26, 2013. On August 6, 2013, EPA visited the area and documented the above mentioned SSO, one again PRASA was notified by email the same day, August 6, 2013 (see Attachment 8). EPA also documented an SSO at this location on December 18, 2013 that was flowing into the Rio Piedras River. EPA notified PRASA on December 18, 2013 of this SSO. PRASA reported back to EPA that following the call the sewer line was cleaned. EPA returned to this location on December 20, 2013 and verified that the discharge had ceased. This has been the site of recurring SSOs.	Rodano Streets	El Paraíso Residential Developmen t	El Cinco	Residential	Río Piedras	7/28/2013: MSJ observed a sanitary sewer overflow at Calle Amazona/Calle Rodano that flowed east to Calle Amazona/Calle Támesis along the street gutter and to the Río Piedras through a ditch.	Sanitary	Río Piedras	PRASA	Residential MSJ notified the sanitary sewer overflow to PRASA in claim #45584746. EPA informed MSJ that PRASA performed a CCTV study on Aug. 27, 2013 but needs to peform an additional study. PRASA will be conducting a sanitary sewer cleaning project and CCTV study along Road PR-176, from March 30 to May 25, 2015. This effort should resolve the sanitary sewer overflows in the El Paraíso Residential	Open
2/11/2014	Inspection	Signs of Sanitary Sewer Overflow ("SSO") at manhole adjacent to the Ausubo Creek on the north side of PR-845 and west of 1 Street. SSOs at this manhole would flow into the Ausubo Creek that is approximately 10 feet or less away. EPA saw an SSO across PR-845 (on south side of PR-845) from this location on December 20, 2013 entering the Ausubo Creek, PRASA notified about the situation by phone and email also on December 20, 2013, see Attachment 9.	PR-845 (north side) and west of 1 Street, Near Cupey Post Office		Cupey	Commercial	Quebrada del Ausubo	5/4/2015: MSJ observed that the sanitary manhole was not overflowing, however it had a considerable amount of wastewater and the flow velocity was slow.	Sanitary	Sanitary manhole	PRASA	MSJ shared the findings with PRASA.	Closed

4/1/2014	Alex Rivera	First Bank 1. We tracked down the un-named creek that flows from Barriada Venezuela. Specifically the area behind S.U. Imports at PR-1 Marginal Road, we did not found presence of raw sewage in the creek. The creek crosses the PR-1 and PR-3 in direction to the Río Piedras River. 2. Between PR-1 and PR-3 we found a storm water manhole with fluorescent green markings. We found what appears to be a broken sanitary trunk sewer crossing the storm water collection system and leaking wastewater from several points. 3. We crossed the PR-1 from the above mentioned location and found out that the un-named creek flows openly from an approximately 72" circular pipe. A second pipe (approximately 24"-30") was observed with significant wastewater flow being discharged into the creek. From that point on the creek was observed full of wastewater and wastewater elated odors were noted. The flow from the 72" pipe was relatively clear, very similar to the flow observed behind S.U. Imports. 4. The creek was reached once again flowing openly to the south of the First Bank Building. Wastewater appearance and odors were noted being discharge into the Río Piedras River. Toyota 1. Wastewater was observed being discharge into the Río Piedras River through an approximately 36" storm water circular pipe. 2. We tracked down the flow all the way into the Muñoz Rivera Avenue were we found a storm water catch basin with wastewater like dry-weather flow approximately coming from the Julian Blanco Street direction. We also opened several storm water manholes before the Muñoz Rivera Avenue (between Toyota and First Bank) and all of them had dry-weather flow with wastewater odor and appearance.	Hyde Park	Hato Rey Sur	Commercial Río Piedras			Received
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	1. Barrio Obrero - La Marina - Vacuum Sewer - DTPW Potential Non Compliance - a. MSJ's Virginio Matos and ENLACE's Carlos Muñiz indicated that the sanitary vacuum sewer system that was intalled/operated under a DTPW contract has been installed and is operating south of Rexach Ave. from Brazil and 14 Streets with the exception of 8th Street, and extends east to Lippit Street. Please explain the status of the Vacuum Sewer project -what are the current boundaries and what is the status of vacuum sewer on 8th Street. b. Area of Concern - MSJ personnel said that they identified approximately 55 points where the vacuum sewer pipe crossed through the MSJ storm sewer pipe. The DTPW responsibility fot the vacuum sewer also includes the vacuum sewer from the valve pit to the vent pipe as well as all lines tributary to the vacuum sewer pump station. c. Potential Non-Compliance - As described in Table 2 there was a broken section of DTPW vacuum sewer pipe inside and MSJ storm sewer on Argentina Street. EPA did contributes sanitary wastewater to the storm sewer on Argentinta Street. d. Potential Non-Compliance - As shown in Table 2 - and photos/video (1098/1108) in Attachment 1b (there were signs of sanitary overflows (debris) around manholes within the vacuum sewer pump station. Sanitary sewer overflows inside the pump station fence could flow via a pipe onto Brazil Street and then into the MSJ MS4. 2. Area of Concern - MSJ Camera Truck MSJ said that the video truck that MSJ had purchased was not yet						

4/1/2014		36 to 48" concrete pipe entering the Rio Piedras River. There was a dry weather discharge with no sewage odor and an ammonia concentration of 0.5 mg/l.	Rio Piedras River approximately 100 to 200 feet downstream (north) from PR- 176 Bridge			
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	Discharge had ammonia levels of 0 mg/l ammonia and 0 mg/l residual chlorine.	Dry weather discharge downstream of old bridge and upstream of the PR-1/PR-21 bridge on the east side of river (Approx Lat/Lon from Google Earth 18.294358°, - 66.056184°)			
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	The discharge had no odor, 0 mg/l Ammonia and 0 mg/l of residual Chlorine	Dry weather discharge under the PR-1/PR-21 bridge on the west side of the Río Piedras River. (Approx Lat/Lon from Google Earth 18.294358°, - 66.056184°)			
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	Approximately a 36 inch concrete pipe potentially discharging sewage into the Rio Piedras River. There was a sewage odor and sewage appearance. Ammonia levels of approximately 3 mg/l were obtained with ammonia strips. A map of the area is contained in Attachment 2, see the point marked DWD Sewage #1 is contained in Attachment 2. EPA notified PRASA and MSJ of this discharge by email from Alex Rivera on February 6, 2013. (See Att.2). EPA did not receive any	Luis Muñoz Rivera Avenue First Bank Building. Pipe: 18° 23' 47.07" N - 66° 03' 22.08" W Discharge into the Rio Piedras River: 18° 23' 46.85" N - 66°03' 25.22" W			
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	A dry weather discharge with Ammonia levels of 0.5 mg/l were obtained Color and foam were observed in the discharge. Photos and a map of the area described above are included below. EPA notified PRASA and MSJ of this discharge by email from Alex Rivera on February 6, 2013. (See Att. 2). EPA did not receive any follow up from PRASA or MSJ on this issue.	Las Americas Expressway (PR-18, PR-1, PR-52)/Luiz Muñoz Marín Park: Dry weather discharge (DWD) #4: northeast side of the Río Piedras River under the east side of Las Américas Expressway from an approximately 30 inch concrete pipe. 18° 24' 37.18" N - 66° 04' 11.03"			

4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013		Dry weather discharge (DWD) #5: A dry weather discharge was observed at the west side of Las Américas Expressway (PR-18, PR-1, PR-52) from an approximately 24 inch concrete pipe into the north side of the Río Piedras River. Coordinates: 18° 24' 38.49" N - 66° 04' 13.33" W	Barrio Obrero Community	Santurce					
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	Sewage discharge from Flap Valve at the end of Puerto Nuevo Development Argelia Street. Wastewater odor and appearance were noted. The discharge had an Ammonia concentration of 6 (or greater) mg/l. The discharge then flows through a channel approximately 100' long and into the Rio Piedras River. Photo 3874 and 3876 show the dry weather discharge and photo 3877 is the point where the channel that receives the discharge enters the Rio Piedras River. EPA notified PRASA and MSJ on this discharge by email from Alex Rivera on February 6, 2013. On or before February 27, 2013, EPA received notification that a broken sanitary sewer line at Antillas and Argelia Streets had been repaired by PRASA reducing the dry weather flow from this flap gate to a trickle associated with a broken drinking water line. EPA inspected this location on February 28, 2013 and documented that there was a trickle of flow that also may contain a small number (2 or 3) illicit connections from residences. (See Photos 3589 and 3990). Also the photos show an apparent straight pipe discharge (small diameter PVC pipe) entering the channel at this point.	Puerto Nuevo Development Argelia Street Flap Valve Dry Weather Discharge (DWD) #6 to the Rio Piedras River: Coordinates 18° 24' 48.83" N, - 66° 04' 34.02" W							
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	Portion of Department of Transportation and Public Works vacuum sewer is broken inside the MSJ MS4. Could lead to illicit discharge into the storm sewer.	Argentina Street #716 Between Rexach Street and Martin Peña Channel	Obrero						
4/1/2014	and 01/24/2013	Photo of closed vacuum sewer vent pipe on Argentina Street (1601). Also Photo of storm sewer catch basin that is labeled not to contaminate. (1062)	Argentina Street, Between Rexach Street and Martin Peña Channel							
4/1/2014	EPA Recon Inspection 01/22/2013 and 01/24/2013	Stormwater outfall pipe at Argentina Street to Martin Peña Channel, Warning sign in place. Based on color there appeared to be a slight sewage flow to the MPC.	Argentina Street and Martin Peña Channel							
4/1/2014	Inspection 01/22/2013 and	Sewage Odor at Brazil Street outfall to Martin Peña Channel, apparent sewage flow. The warning sign is in place. Photo 1071 and Video 1072 show dry weather flow in the stormwater system below a catch basin that appeared to contain sewage based on the visual appearance (white growth in storm sewer pipe, color, etc.).	Brazil Street between Rexach Street and the Martin Peña Channel							

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014	EPA Reco Inspection 01/22/201 and 01/24/201	said that the sanitary sewage from some of the houses are still connected to the storm sewer which flows into the MPC. (This leasting was priginally thought to be Calle 52)	10 Street at the Martin Peña Channel							
1/2014	EPA Reco Inspection 01/22/201 and 01/24/201	Two submerged storm sewer discharge pipes at 11 Street at the MPC. Warning sign was in place.	11 Street at the Martin Peña Channel							
/1/2014	EPA Reco Inspection 01/22/201 and 01/24/201	Submerged stormsewer discharge pipe at 12 Street, Warning sign is in place.	12 Street at the Martin Peña Channel							
/1/2014	EPA Reco Inspection 01/22/201 and 01/24/201	Dry weather flow from 13 Street storm sewer into the MPC.	13 Street at the Martin Peña Channel							
4/1/2014	EPA Reco Inspection 01/22/201 and 01/24/201	14th Street shows the location where EPA and area residents witnessed vacuum trucks that were cleaning the Barrio Obrero storm sewer dumping the vacuum truck sludges into the MPC.	14 Street adjacent to the Martin Peña Channel several locations dumping of vacuum truck sludge in MPC							
4/1/2014	EPA Reco Inspection 01/22/201 and 01/24/201	14th Street dry weather discharge with a pump running to discharge flows from storm sewer and any other material from the bermed area to the MPC.	14 Street adjacent to the Martin Peña Channel dry weather discharge/pump discharge							
4/1/2014	EPA Reco Inspection 01/22/201 and 01/24/201	Double box sewer at 8th Street to the MPC. A dry weather flow was not seen during the inspection.	8 Street at the MPC							
		DTPW Vacuum sewer pump station at Brazil Street. There were signs of overflows at the manhole inside the pump station (debris) (Video 1102) (photos 1107, 1108) that would flow out of the pump station and into storm sewer on Brazil Street. Photos 1104 and 1105 show the pipe where overflows inside the vacuum pump station fence would flow out on to Brazil Street. The pump station was being operated by a contractor, Viatek.	Brazil Street - DTPW Vacuum							
5/19/2014	Alex River (EPA) - EM/									

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10/3/2014 IDDE- 2015- 001- AEB	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Corner of Matadero and C streets	Puerto Nuevo Norte Residential Developmen t	Gobernador Piñero	Commercial	Quebrada Margarita	10/8/2014: MSJ detected a sanitary sewer overflow that discharged wastewater to the storm sewer overflow.	Sanitary	Quebrada Margarita	PRASA	MSJ referred the sanitary sewer overflow to PRASA. 10/10/2	ound that nitary w was	Closed
10/8/2014 -2015-00	Edwin Sosa (USCG) 787-289-2041	A large amount of used cooking oil spilled from a cargo container inside Horizon Lines shipping facility.	Horizon Lines	Port Area	Gobernador Piñero	Industrial	3ahía de San Jua	10/10/2014: MSJ observed that the oil reached a storm catch basin outside the facility. USCG and MSJ found stagnant product in adjacent storm sewer pipe which appeared to be blocked and was not draining to the San Juan Bay. The oil was backtracking upstream in this storm pipe. No oil or sheen was observed in the bay.	Oil	Storm sewer	Horizon Lines	The damaged oil container was placed in a berm to confine the product. Personnel from Clean Harbors, Caribbean Hydroblasting Environmental Division (CHED), and Horizon Lines decontaminated the facility and the storm sewers.	te and sewers	Closed
10/10/2014 2015-003	Alex Rivera (EPA) 787-977-5845	Brown plume in the Condado Lagoon.	Corner of Mayaguez and Aguadilla streets		Condado Santurce	Residential	aguna del Conda	10/11/2014: MSJ found that the brown plume caused by a sediment discharge to the lagoon. PRASA dug a hole near the corner of Mayaguez and Aguadilla streets to fix a potable water line break and did not take the proper measures to prevent the sediments to flow into the lagoon.	Sediments	Laguna del Condado	PRASA	10/14/2 PRASA comple repairs, more dischar the lago detecte	A eted , no rges to oon	Closed
10/11/2014 2015-004	Edwin Sosa (USCG) 787-289-2041	Diesel spill into the Caño Martin Peña behind Acua Expreso pier.	Arterial B Ave, Acua Expreso pier		Martin Peña Hato Rey Norte	Commercial	Caño Martin Peñ	10/12/2014: MSJ observed a large amount of diesel floating on the water behind the Acua Expreso pier. MSJ, EQB and USCG traced the diesel in the storm sewer system to an abandoned and unprotected diesel container at 126 O'Neill St. It appears that the copper lines on the tank were stolen and the diesel discharged to the storm sewer in that street.	Fuel	Caño Martin Peña	Israel Planell Porrata, Island Investment Corp	remove the abandoned diesel container and hire an environmental remediation company to remove the product from the storm sewer and the bedy of	oserved coms installed in sewer res and dy of affected diesel. 2014: d not diesel in rm or in the	Closed

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10/12/2014 2015-008	Jose Machuca (MSJ) 787-480-2030	Grease discharge from a sanitary sewer overflow.	Corner of Winston Churchill Ave. and Paraná St.	Crown Hills Housing Developmen t		Monacillo	Commercial	Río Piedras	10/22/2014: MSJ found a segment of Paraná St. covered in yellow grease that overflowed from a sanitary sewer manhole. Cupey Plumbing was hired by the El Señorial Shopping Center because of problems with the sanitary system in the shopping center. The pluming company moved outside the property to unplug the sanitary sewer on Parana St. and that is when the overflow ocurred. PRASA had not authorized such action.	Yellow Grease	Río Piedras	Jose A. Rivera, Cupey Plumbing Employee, 787-640-3798 \$1,000).00 1 0.00 1 1 1	traffic on the street to remove the grease from the street and storm sewers. PRASA would investigate the source of grease in their sanitary	I/20/2014: SJ observed at sanitary ewer levels ere low and o grease was oserved in the pes. No other verflows have een detected this area.	Closed
10/23/2014 2015-006	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	9 Avelino Vicente	Hipódromo Community	Hipódromo	Santurce	Residential	Bahía de San Jua	10/23/2014: MSJ observed that the building's sanitary connection	Sanitary	Storm sewer	PRASA	5	sanitary overflow	0/24/2014: SJ found no anitary verflow.	Closed
10/23/2014 2015-007	Alexander Avila (MSJ) 787-480-2256	Sanitar sewer overflow	4 Avelino Vicente	Hipódromo Community	Hipódromo	Santurce	Residential	Bahía de San Jua	10/23/2014: MSJ observed a water supply line break arin the street, the discharge carried sediments to the storm sewer.	Sediments	Storm sewer	PRASA	(discharge to dis	22/2015: MSJ und the scharge was iminated.	Closed
		There is a pipe and channel with signs of sanitary sewer overflows leading into Queb. Del Ausubo. A sewage flow was seen coming from this discharge point by EPA into Queb. Del Ausubo two days (2) later on Dec. 20, 2013.	PR-845 (South (upstream) side of bridge) at Calle 1 on East side of Queb. Del Ausubo.						5/4/2015: MSJ found the sanitary manhole was sealed and it was dry during our inspection. The pipe that EPA found discharging to the creek could not be seen by MSJ because of heavy brush.	None found			t 1	MSJ found that the sanitary manhole was sealed.		Closed
2015-008		Manhole with growth and signs of high water and overflow.	PR-845 (South (upstream) Side) on sidewalk on East side of Queb. Del Ausubo			Cupey	Commercial	uebrada del Ausi	5/4/2015: MSJ did not find this Il manhole overflowing, but it did show high levels of wastewater and a slow flow velocity.	Sanitary	Sanitary manhole	PRASA	f	MSJ shared findings with PRASA.		Closed

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			There is a manhole in the street that had a large flow coming through. Based on the photo and video there was a pipe near the top of the manhole that was sealed. This was thought to be a former overflow pipe. An area resident said that there are sanitary sewer overflows from this manhole.	alle 1 (Near Cup				5/4/2015: MSJ did not find this manhole overflowing, but inside the structure there was a large amount of wastewater flow with a fast velocity.	Sanitary manhole		MSJ shared findings with PRASA.		Closed
2	2015-009		The Quebrada Mongil flows out of a culvert on the North side of Ponce de Leon Ave. The creek has a greenish color and samples with ammonia test strips in the field yielded results of 1 to 3 mg/L. Illicit Discharge Detection and Elimination work is needed in Quebrada Mongil to determine the source(s) of the elevated ammonia concentrations.	1542 Ponce de Leon Ave. (PR- 8839, Sector El Cinco, San Juan PR) and Quebrada Mongil		El Cinco	Commercial Quebrada M	5/4/2015: MSJ observed that the stream flow was slightly turbid and there were sanitary odors. No overflowing sanitary manholes were seen in the area.	Quebrada Mongil	To be identified	MSJ will schedule a camera inspection to identify the source of the wastewater.		Open
10/24/2014	2015-01(12/10/2013	Sanitary sewer overflow from manhole at the junction of Calle Amazonas and Calle Rodano. Ammonia sample of the flow coming out of the manhole with ammonia tests strips in the field yielded a result of 6 mg/L. The sewage flows downhill into a channel that flows directly into the Rio Piedras River. EPA tracked this flow down the channel and verified that it enters the Rio Piedras River. EPA has observed recurring sanitary sewer overflows at Calle Rodano and Calle Amazonas as well as at Calle Tamesis and Calle Amazonas both within the Paraiso Development. Therefore sewer work in this area in terms of inspection, cleaning, capacity assessments are needed to cease sanitary sewer overflows (SSO's) in this area. Alex Rivera of EPA notified PRASA's Yanira Cosme via telephone on December 18, 2013. EPA revisited this location on Friday, December 20, 2013 and the overflow had ceased (See photos 1804 and 1805). The flow in the sanitary sewer at this location is towards Calle Rhin not Calle Tamesis. On April 1, 2014 EPA's Alex Rivera documented SSO's occuring at this location. The wastewater manhole at Tamesis and Amazonas Streets intersection and Rodano and Amazonas Streets intersection were found overflowing. PRASA was informed via email on April 1 2014, please refer to Attachments 7 and 8 for more details. EPA's Alex Rivera visited the area on May 2, 2014 and no SSO's were found, the system was observed flowing normally.	dano and Calle A	El Paraiso Residential Developmen t	El Cinco	Residential Río Piedra	7/29/2013: MSJ found a sanitary sewer overflow at Calle Amazona/Calle Rodano that flowed east to Calle Amazona/Calle Támesis along the street gutter, and through a ditch to the Río Piedras. EPA communications s prove that SSO's at this location are a recurrent problem.	Río Piedras	PRASA	MSJ referred the sanitary sewer overflow to PRASA in claim #45584746. EPA informed MSJ that PRASA performed a CCTV study on Aug. 27, 2013 but needs to peform an additional study. PRASA will be conducting a sanitary sewer cleaning project and CCTV study along Road PR-176, from March 30 to May 25, 2015. This effort should resolve the sanitary sewer overflows in the EI Paraíso Residential	Irregular visits to the area until PRASA resolves the sanitary sewer overflows.	Open
			Appeared to be a small drinking water line leak coming out of the street on Calle Rodano south of Calle Tamesis. EPA's Alex Rivera visited the area on December 30, 2013 and the leak was corrected. An additional broken drinking line was observed on Amazonas street and notified to PRASA. The area was visited by EPA's Alex Rivera on February 4, 2014 and the situation was corrected.	ano south of Call									Received
2	2015-011		There was a flow in the storm sewer at this location. The concentration of ammonia, using a test strip collected in the storm sewer 0.25 mg/L. The ammonia concentration was not considered a concern, however, the level of flow in the sanitary sewer did appear high and is a concern. PRASA needs to conduct sewer work in this area in terms of inspection, cleaning, sewer capacity assessments, to prevent sanitary sewer overflows (SSO's) in this area.	Ural and Calle W	Rio Piedras Heights Residential Developmen t	Monacillo	Residential Río Piedra	S					

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10/24/2014	2015-01:	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	1458 Feria St.	Hipódromo Community Hipódromo	Santurce	Residential San Juan Ba	10/24/2014: MSJ observed a sanitary sewer y overflow, discharging wastewater to a storm catch basin.	nitary Storm sewer	r PRASA	MSJ referred the sanitary overflow to PRASA.		Closed
10/24/2014	2015-01	Weldin Ortiz (EQB) 787-767-8181	Paint discharge	055 Ashford Ave	e. Condado	Santurce	Commercial aguna del Con	Vanderbilt Hotel premises and employees were cleaning the spill before it reached the street gutters.	aint Sidewalk	Condado Vanderbilt Hotel 787-721-5500	MSJ found that the hotel employees confined and cleaned the pain spill before it reached the street gutter or the nearby Condado Lagoon.	10/26/2014: Spil	Closed
10/26/2014	2015-01-	Alex Rivera (EPA) 787-977-5845	Sanitary sewer overflow	Corner of Carlos De La Torre and Ledru streets	Country Club Residential Developmen t	Sabana Llana Norte	Residential uebrada San A	believed to be a wastewater flow due to appearance and odor, from the storm sewer outfall at the northern end of Ledrú Street towards the San Antón Canal. MSJ also found a	nitary Quebrada San Antón	To be identified	MSJ tried to trace the flow to a possible source but lost track of the storm sewer system. A camera inspection of the storm sewer system will be scheduled to identify the source of the wastewater flow.		Open
10/27/2014	2015-01	Alexander Avila (MSJ) 787-480-2256	Dry weather discharge	50 Uruguay St.	Parada 27 Community Las Monjas	Hato Rey Central	Residential Caño Martin P	wastewater flow 10/30/2014: MSJ observed a dry weather discharge that was traced to a eña water-supply line break in the street. The water flows into a nearby storm sewer.	water Caño Martin Peña	PRASA	MSJ referred the water discharge to PRASA in claim 48726536.	1/23/2015: MSJ found the discharge was eliminated.	Closed
10/30/2014	2015-01	Gil Rios (MSJ) 787-480-3300	Sanitary sewer overflow	d Ave., Ventana	Al Mar Condado	Santurce	Commercial Océano Atlánt	10/30/2014: MSJ observed a sanitary overflow ocurring on the sidewalk, appears to be the sanitary connection pipe from Ventana AI Mar restaurants.	nitary Océano Atlántico	PRASA	MSJ referred the	11/7/2014: MSJ found the sanitary overflow was eliminated.	Closed
10/30/2014	2015-01	Gil Rios (MSJ) 787-480-3300	Sanitary sewer overflow	Ashford Ave. near intersection with King's Court St.	Condado	Santurce	Residential Océano Atlánt	10/30/2014: MSJ observed a sanitary sewer overflow from the sidewalk, discharging wastewater to the street gutter.	nitary Océano Atlántico	PRASA	MSJ referred the	11/7/2014: MSJ found the sanitary overflow was eliminated.	Closed

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10/30/2014 2015-0	Alexander 18 Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Corner of Rexach and Barbosa avenues	Buena Vista Santurce Community	Obrero	Santurce	Residential	11/3/2014: MSJ found a sanitary sewer overflow discharging wastewater to the storm sewer.	Sanitary	Caño Martin Peña	PRASA	MSJ referred the s	11/5/2014: MSJ found no overflow.	Closed
11/3/2014 2015-0	Alexander 19 Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Corner of Martino and Eduardo Conde streets	Las Palmas Community	Las Palmas	Santurce	Residential	aguna Los Corozd discharging wastewater to the storm sewer.	Sanitary	Storm sewer	PRASA	MSJ referred the	11/5/2014: MSJ found no overflow.	Closed
11/3/2014 2015-0	Alexander 20 Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Quisqueya Ave. near intersection with Lafayette St.		Las Monjas	Hato Rey Central	Commercial	11/3/2014: MSJ found a sanitary sewer overflow discharging wastewater to a storm catch basin.	Sanitary	Caño Martin Peña	PRASA	MSJ referred the s	11/5/2014: MSJ found no overflow.	Closed
11/7/2014 2015-0	Alex Rivera 2' (EPA) 787-977-5845	Sanitary sewer overflow	Canals St. below Baldorioty Ave. bridge		Condadito	Santurce	Residential	11/11/2014: MSJ observed a sanitary sewer aguna del Condac overflow discharging wastewater to the street gutter.	Sanitary	Laguna del Condado	PRASA		11/5/2014: MSJ found no overflow.	Closed
11/10/2014 2015-02	Alex Rivera 22 (EPA) 787-977-5845	Sanitary sewer overflow	Corner of Cesar Gonzalez and Benigno Reyes streets		Eleanor Roosevelt	Hato Rey Norte	Commercial	11/14/2014: MSJ observed a sanitary sewer Caño Martin Peña overflow discharging wastewater to a storm catch basin.	Sanitary	Storm sewer	PRASA	Christie Mota informed that PRASA could not unplug the sewer pipe due to a large amount of grease. They planned to return the next morning with more powerful equipment.	11/17/2014: MSJ found no overflow.	Closed
11/14/2014 2015-0	Alexander 2: Avila (MSJ) 787-480-2256	Dry weather discharge	405 Benito Perez Galdos St.	El Vedado Residential Developmen t	El Vedado	Hato Rey Norte	Commercial	the street of the source was a water supply meter on Galdos St	Tap water	Storm sewer	PRASA	discharge to	12/19/2014: MSJ found no discharge.	Closed
11/17/2014 2015-0:	Alexander 24 Avila (MSJ) 787-480-2256	Dry weather discharge		Hector Piñero Residential Developmen t	Las Monjas	Hato Rey Central	Residential	11/17/2014: MSJ detected a clear, odorless, and continuous flow along the Chile Caño Martin Peña and Bolivia street gutters. The flow was traced to a water supply meter on Chile street.	Tap water	Storm sewer	PRASA		12/19/2014: MSJ found no discharge.	Closed
11/17/2014 2015-0	Jose Clemente 25 (MSJ) 787-480-2253	Sanitary sewer overflow	Corner of Durbec and Yaboa Real streets	Country Club Residential Developmen t		Sabana Llana Norte	Residential	11/20/2014: MSJ did not find the sanitary sewer overflow, but there was a light sanitary odor emanating from a storm sewer catch basin. The catch basin was dry.					N/A	Closed

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11/20/2014 2015-026	787-480-2256	Sanitary sewer overflow	Intersection of Bolivia and Lafayette streets	Hector Piñero Residential Developmen t	Las Monjas	Hato Rey Centra	al	Commercial	Caño Martin Peñ	wastewater to a nearby storm catch basin. 11/21/2014: MSJ observed a sanitary sewer	Sanitary	Storm sewer	PRASA	MSJ referred the sanitary overflow to PRASA. 12/5/2014: MSJ found no overflow.	Closed
11/21/2014 2015-02	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Borinqueña St. and Muñoz Rivera Ave.		Santa Rita	Hato Rey Sur		Commercial	ebrada de los Mu	overflow e discharging wastewater to the storm sewer in Muñoz Rivera Ave.	Sanitary	Storm sewer	PRASA	MSJ referred the sanitary overflow to PRASA.	Closed
11/21/2014 2015-028	Austin Newcomer (USCG) 787-289-2041	A chemical spill occurred when a container filled with Isopropyl Acetate and Isopropyl Alcohol Distillate was loaded into a vessel. The container ruptured and the product spilled to the docking grounds.	Pu	erto Nuevo Pic	er G	Hato Rey Norte		Industrial Zone	3ahía de San Jua	12/1/2014: MSJ was not able to identify if the arproduct flowed into a nearby storm sewer grate.	Chemical		Luis Ayala Colon & Sucrs., Inc. Juan Ayala-Rubio, Terminal Manager 787-792-9000	Facilty operator notified NRC and activated its emergency spill response plan. US Coast Guard, PR Fire Dept., PREQB, PR Ports Auth., PRDNER, MSJOEM, and MSJECPO were on scene. Absorbent booms were placed around a storm sewer grate near the spill site. Clean Harbors confined the spill, transferred remaining product from ruptured container to new container, and decontaminated	Closed
12/1/2014 2015-029		During construction work along Del Tren St., a dark and thick oil was found in the storm sewers.	Corner of Del Tren and San Juan Bautista streets		Puerta de Tierra	sSan Juan Antigu	JO	Residential	3ahía de San Jua	12/2/2014: MSJ observed that there was an uknown amount of dark and thik, tar-like oil in the storm sewer catch basin. The source was not identified.	Oil	Storm sewer	Unknown	EQB ordered the contractor to remove oil and contaminated soil for proper disposal. MSJ notified the US Coast Guard because of the close proximity to the San Juan Bay. No reports of oil in the bay were received. MSJ performed camera inspections of the sewer system and could not find source of oil, nor detect that it was flowing out to the San Juan Bay.	Closed

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12/2/2014 2015-030	Alexander Avila (MSJ) 787-480-2256	Dry weather discharge	136 Amazona St.	El Paraiso Residential Developmen t	El Cinco	Residential	Río Piedras	12/4/2014: MSJ observed a considerable, continuous, and clear flow along the street gutter. It was traced to water supply meter on the sidewalk in front of house 136.	Tap water	Río Piedras	PRASA	MSJ referred the discharge to PRASA in claim 48968169.	Closed
12/4/2014 2015-031	Alexander Avila (MSJ) 787-480-2256	Dry weather discharge	1010 Kingston St.	Las Americas Residential Developmen t	Gobernador Piñero	Residential	Quebrada Josefir	12/5/2014: MSJ detected a continuous, considerable, and clear flow along the street gutter of Puerto Principe	Tap water	uebrada Josefi	PRASA	MSJ referred the discharge to PRASA in claim 48983711.	Closed
12/5/2014 2015-032	Alexander Avila (MSJ) 787-480-2256	Sanitary odors	51 Pablo Andino St.		Parque Santurce	Residential	Océano Atlántico	12/9/2014: MSJ detected strong sanitary odors in the sanitary manhole at the end of the street. The nearby storm catch basin did not have santiary flows.	Sanitary	Unknown	PRASA	MSJ referred the sanitary odors to PRASA.	Closed
12/9/2014 2015-03	Jose Machuca (MSJ) 787-480-2030	A waste collection truck spilled hydraulic oil onto the street.	Fernandez Juncos Ave., from intersection with Lloveras St. to intersection with Del Parque St.		Hipodromo Santurce	Commercial	Caño Martin Peñ	12/10/2014: MSJ did not find oil in the storm catch basins along Fernandez Juncos Ave. or in the San Juan MS4 structures in nearby municipal streets.	Oil	Street	Andres Reyes Burgos, Inc. (ARB) 787-788-1131	RICLEM Environmental Services was hired by ARB to confine the spill and decontaminate the area. PREQB, PR Fire Dep, PR Police, and MSJ-ECPO were on scene. MSJ asked PRASA to inspect their sanitary manholes in the area in case oil had flowed into their system. No oil was found in the sanitary sewer.	Closed
12/10/2014 2015-034	Officer Rojas (SJPD) 787-480-4080	Oil discharge from a residence to the street.	605 Valparaiso St.		Obrero Santurce	Residential	Caño Martin Peñ	12/11/2014: MSJ traced oil sheen on the street, gutters, and sidewalk to a residence where a non-permitted car repair shop is operated.	Oil	autter and stree	Aida Lugo House owner \$1,000.	MSJ required the house owner to clean the oil sheen from the sidewalk and gutter. MSJ required the 1/21/2015: MSJ did not find oil sheen on the street or gutter.	Closed

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12/11/2014 2015-035	Alex Rivera (EPA) 787-977-5845	Sanitary discharge	Corner of Loiza and Kings Court streets	Parque Santurce	Commercial	Océano Atlántico	12/15/2014: MSJ found that the sanitary connection line from the Shell fuel station on King's Court St. was overflowing and the sanitary manholes were partially surcharged.	Sanitary	Street gutter	PRASA	MSJ referred the sanitary overflow to PRASA. 12/19/2014: MSJ found no overflow.	Closed
12/15/2014 2015-036	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Intersection of San Agustin and San Juan Bautista streets	Puerta de TierraSan Juan Antiguo	Commercial	3ahía de San Jua	12/15/2014: MSJ found a sanitary discharge in San Agustin St. that was traced to an overflowing sanitary manhole at San Juan Bautista St.	Sanitary	ahía de San Ju	PRASA	MSJ referred the sanitary overflow to PRASA. 12/22/2014: MSJ found no overflow.	Closed
12/15/2014 2015-037	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	Near corner of Ashford Ave. and Delcasse St.	Condado Santurce	Commercial	aguna del Conda	12/15/2014: MSJ detected a sanitary connection overflow in front of the Ventana Al Mar restaurants, discharging wastewater into a storm catch basin.	Sanitary	céano Atlántic	PRASA	MSJ referred the sanitary overflow to PRASA. 12/22/2014: MSJ found no overflow.	Closed
12/15/2014 2015-03	Officer Rojas (SJPD) 787-480-4080	Soil removed from an excavation placed near a storm sewer.	251 Luna St.	San Francisco San Juan Antiguo	Commercial	Bahía de San Jua	12/17/2014: MSJ found that the sediments removed from the ground were deposited near a storm catch basin without erosion prevention controls. The catch basin was clean.	Sediments	Street	P&P All Management Electrical Contractors 787-200-5156	MSJ ordered the contractor to use erosion control measures to prevent sedimentation of the storm sewer structure. 12/18/2014: Sediments were removed from street. Catch basin was clean.	Closed
12/17/2014 2015-039	Newspaper	A 36-inch water supply pipe ruptured when a contractor was an excava	Corner of Muñoz Rivera Ave. and Yale St.	Hyde Park Hato Rey Sur	Commercial	ebrada de los Mud	12/18/2014: MSJ found that the rupture released a large amount of tap water and sediments towards Yale St. The sediments accumulated along the street gutter, no storm catch basin was affected.	Tap water / Sediments	Street / gutter	Gama Engineering Corp. 787-620-4030	PRASA was on scene to repair ruptured pipe. 12/19/2014: MSJ found discharge was eliminated.	Closed
12/22/2014 2015-040	Maylene Perez (MSJ) 787-480-2308	Grease spill	Plaza Colon, corner of San Francisco and O'Donnel streets	San Francisco San Juan Antiguo	Commercial	Bahía de San Jua	12/23/2014: MSJ found that a trashbag with grease was deposited in a waste collection bin and spilled the grease to the ground around the container. The responsible party was not identified.	Yellow Grease	Ground	Unknown	MSJ cleaned the spilled grease from the plaza grounds and visited nearby restaurants to assess their Best Management Practices. 4/29/2015: MSJ has not received complaints or seen grease spilled in this area.	Closed

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12/23/2014 2015-041	Edwin Sosa (USCG) 787-289-2041	Diesel was found in the Caño Martin Peña behind the Acua Expreso pier.	Arterial B St. / Acua Expreso Pier		Martin Peña Hato R	ey Norte	Commercial	Caño Martin Peñ	1/8/2015: MSJ observed diesel in the body of water. The source was later (1/30/2015) identified to be a power generator diesel tank that overflowed while fill up.	Fuel	año Martin Pei	State Lottery building Esteban Santiago 787-759-8686 x6567		EQB ordered the responsible party to hire an environmental remediation company to clean the spill. 1/30/2015: Absorbent booms were placed in the storm sewer and the body of water to remove the diesel remnants.	Closed
1/8/2015 2015-042	Alexander Avila (MSJ) 787-480-2256	Paint discharge	Corner of Recinto Sur and Tanca streets		Marina San Jua	n Antiguo	Commercial	Bahía de San Jua	observed when GSA contractors were washing off recently applied blue paint from the wheel chair arramp on the sidewalk. The mix of tap water and blue paint flowed into the nearby storm sewer catch basin.	Paint	ihía de San Ju	Marla Rosado, Supervisor Building Mechanical Services Corp. 787-723-4300	1,000.00	MSJ ordered the responsible party to stop washing off paint and remove spilled paint from the street and the catch basin using dry methods. 1/12/2015: MSJ found that the spilled paint was removed.	Closed
1/13/2015 2015-043	Alexander Avila (MSJ) 787-480-2256	Sanitary sewer overflow	El Aranjuez Condominium, west of the corner of Marginal Roosevelt and Honduras streets.	Hector Piñero Residential Developmen t	Las Monjas Hato Re	ey Central	Residential	Caño Martin Peñ	1/14/2015: MSJ found a sanitary sewer overflow	Sanitary	Storm sewer	PRASA		MSJ referred the found no overflow.	Closed
1/22/2015 2015-044	Noelia Rosa (MSJ) 787-480-2308	Sanitary discharge	2024 Aberdeen St.	Collegeville Residential Developmen t	Mon	nacillo	Residential	Quebrada Fraile	1/23/2015: MSJ observed a slow, continuous sanitary discharge from house 2024 to the sidewalk and to house 2022. The owner of house 2024 is deceased and the house is abandoned.	Sanitary	Storm sewer	Unknown		MSJ is in the process of identifying a responsible party for house 2024, as well as investigating a possible sanitary leak from another location that may be discharging through house 2024.	Open
1/23/2015 2015-045	Alex Rivera (EPA) 787-977-5845	Sanitary sewer overflow	1500 Farrar St.	Antonsanti Residential Developmen t	EI C	Dinco	Residential	Quebrada Mong	1/26/2015: MSJ found that the sanitary overflow had ended but the mahole cover and ill the street were still wet. The wastewater flowed over the street gutter to Quebrada Mongil.	Sanitary	tuebrada Monç	PRASA		EPA notified PRASA.	Closed
1/26/2015 2015-046	Alexander Avila (MSJ) 787-480-2256	Sanitary flow from strom sewer into unnamed canal south of Coliseo d	of Coliseo de Pue	eto Rico	Martin Peña Hato R	ey Norte	Commercial	Caño Martin Peñ	1/26/2015: MSJ founda wastewater input from the storm sewer that drains from Ponce de Leon Ave. to the channel south of the Coliseo de Puerto Rico.	Sanitary	año Martin Pei	PRASA		MSJ referred the discharge to PRASA.	Open

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1/26/2015 2015-047	Alexander Avila (MSJ) 787-480-2256	Dry weather discharge	115 Las Palmas S	dromo Comm	Hipodromo	Santurce	Commercial	Caño Martin Peñ	1/26/2015: MSJ observed a clear, odorless and continuous flow in the street gutter that originates in a tap water line break.	Tap water	año Martin Pei	PRASA	MSJ referred the discharge to PRASA in claim 49269530.	Open
1/26/2015 2015-048	Alexander Avila (MSJ) 787-480-2256	Dry weather discharge	400 San Rafael S	dromo Comm	Hipodromo	Santurce	Commercial	Caño Martin Peñ	1/26/2015: MSJ observed a clear, odorless and continuous flow in the street gutter that originates in a tap water line break.	Tap water	año Martin Pei	PRASA	MSJ referred the discharge to PRASA in claim 49269600.	Closed
1/26/2015 2015-04	Alexander Avila (MSJ) 787-480-2256	Dry weather discharge	00 San Agustin S	St.	Puerta de TierraS	San Juan Antiguc	Commercial	Bahía de San Jua	1/26/2015: MSJ observed a clear, odorless and continuous flow in the street gutter that originates in a water supply meter.	Tap water	thía de San Ju	PRASA	MSJ referred the discharge to PRASA in claim 49277610.	Open
1/26/2015 2015-050	Alexander Avila (MSJ) 787-480-2256	Sanitary discharge	Chardon St., near corner with Muñoz Rivera Ave.		El Vedado	Hato Rey Norte	Commercial	Caño Martin Peñ	1/26/2015: MSJ found a sanitary pipe that crosses a storm sewer amanhole. The pipe is cracked and leaking wastewater to the storm sewer.	Sanitary	año Martin Pei	PRASA	MSJ referred the discharge to PRASA.	Open
1/27/2015 -2015-05	Alexander Avila (MSJ) 787-480-2256	Wastewater flow in storm sewer manhole.	120 Condado St.		Alto del Cabro	Santurce	Residential	aguna del Conda	2/2/2015: MSJ found a sanitary connection pipe that crosses storm sewer manhole. The pipe is corroded and discharges wastewater into the storm sewer.	Sanitary	guna del Conda	PRASA	3/5/2015: MSJ found that the MSJ referred the PRASA has not eliminated the discharge.	Open
		A storm water collection system manhole located in front of Ribot Street residence #1154 was found with stagnant water and no flow. See photos DSCN1710 thru 1703 for more details.	1154 Ribot Stree						2/2/2015: MSJ found that the storm sewer manhole had a small amount of stagnant wastewater. The source may be an overflow pipe from a sanitary manhole to the storm sewer pipe.	Sanitary		PRASA	MSJ will clean the 5/1/2015:	Open
1/28/2015 -2015-052	1/23/2015	The storm water manhole located west side of the Ribot and Condado Streets intersection was found with traces of grease and wastewater characteristics (e.g. color, solids). See photo DSCN1721 for more details.	Intersection of Ribot and Condado Streets		Alto del Cabro	Santurce	Residential	aguna del Conda	2/2/2015: MSJ of found that the storm sewer manhole had some grease and wastewater. The source may be an overflow pipe from a sanitary manhole to the storm sewer pipe.	Sanitary	guna del Conda	PRASA	MSJ will clean the structure. MSJ	Open
		A storm water manhole located at the northeast side of Condado and Ribot Streets intersection was found obstructed by solids. See photo DSCN1724 for more details.	Intersection of Ribot and Condado Streets						2/2/2015: MSJ observed solids in the storm sewer manhole.	Sediments			MSJ will clean the structure.	Open

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2/2/2015 2015-05	EPA Recon Inspection 12/19/2014	Large amounts of wastewater were observed and documented being discharged into MSJ's MS4 catch basins in Piccioni and Delcasse Streets intersection. The storm water collection at Delcasse Street subsequently discharges into the Condado Lagoon. Refer to Attachment I photos DSCN1558 thru DSCN1563 for more details. A wastewater manhole located between buildings #1104 and #1105 at Piccioni Street was found overflowing. The manhole is located at the following coordinates: Lat. 18°27' 20.31" N - Long. 66°4' 30.35" W. Piccioni Street's Building #1104 wastewater service connection was found overflowing and sewage was observed flowing into the Condado Lagoon. The service connection is located at the following coordinates: Lat. 18°27' 19.26" N - Long. 66°4' 31.05" W. Refer to Attachment I photos DSCN1565 and DSCN1566 for more details. A wastewater manhole located of Piccioni Street's Building #1106 was found overflowing. The manhole is located at the following coordinates: Lat. 18°27' 20.13" N - Long. 66°4' 29.23" W. Refer to Attachment I photo DSCN1557 for more details. A wastewater manhole located in front of Piccioni Street's residence #1119 was found overflowing. The manhole is located at the following coordinates: Lat. 18°27' 19.87" N - Long. 66°4' 28.48" W. Refer to Attachment I photos DSCN1551 and DSCN1552 for more details. Mr. Ramón Díaz, administrator of Delcasse's Street's Apartment Building	Intersection of Piccioni and Delcasse Streets		Alto del Cabro	Santurce	Residential	aguna del Conda	12/19/2014: MSJ observed multiple sanitary overflows along Vieques, Luisa, and Piccioni streets. The wastewater discharge flowed into the storm sewer system and the Condado Lagoon.	Sanitary	guna del Conda	PRASA		PRASA responded immediatedly by sending a flushing truck to the area. The PRASA crew unclogged the sanitary sewer pipe in Luisa Street, which eliminated the multiple sanitary sewer overflows along Piccioni Street.	4/27/2015: MSJ found no SSO's but inspected the storm sewer outfall at the southern end of Delcasse Street and observed the water to be turbid and sensed a sanitary odor. Using an InstaTest Analytic Ammonia test strip, MSJ found an ammonia level of 1.0 ppm. MSJ inspected	Open
2/2/2015 -2015-05	EQB	Del Mar #20, stated that the overflowing issues occurs in a weekly basis. Mr. Díaz also stated that the problem is caused by the existence of interconnections between the storm water and wastewater collection systems in the area that are affected by the Condado Lagoon tide changes. Mr. Díaz also stated that the situation High fecal enterococcus measurement in Condado Beach	Corner of Maria Moczo and Cacique streets	Ocean Park Residential Developmen t	Ocean Park	Santurce	Residential	Océano Atlántico	2/6/2015: MSJ found that a sanitary connection pipe was overflowing, discharging waste water to a storm catch basin.	Sanitary)céano Atlántic	PRASA		PRASA arrived on scene and flushed the sanitary sewer system, eliminating the sanitary overflow.	the storm sewer structures upstream from this point and 2/20/2015: MSJ found no overflow.	Closed
2/6/2015 2015-05	Javier Laureano (SJEBP) 787-725-8165	Construction discharge	603 Aboy St.		Miramar	Santurce	Residential	aguna del Conda	2/12/2015: MSJ found a gray sediment discharge that was traced to 603 Aboy St., where the roof was being pressure washed. The csediments flowed out to the street through the building's storm drain pipe in the sidewalk. There were no measures in place to filter sediments (e.g. hay bale).	Sediments	guna del Conda	Jose Flores 939-259-3089	\$1,000	MSJ ordered the cease of operations until hay bales or other sediment control measures were installed.		Closed

2/12/2015 2015-056 (MSJ) 787-480-2030 Diesel spill in fuel station while tanker truck was delivering product.	Corner of Degetau and Marginal Sur Baldorioty streets	Santurce	Commercial aguna Los Coroz	2/13/2015: MSJ found that approximately five (5) gallons of diesel flowed into the storm sewer. The sewer had sediments inside which held the product in place and did not allow it to flow downstream.		Irving Rivera, EHS Spec. Puma #277 fuel station 787-679-3185	EQB ordered Puma to call in RICLEM (holds a contract with Puma) to remove diesel from ground and storm sewer. RICLEM applied biosolvet to grounds, removed contaminated sediments from storm sewer, and installed absorbent booms inside storm sewer. EQB and MSJ supervised decontamination operation.	Closed
2/23/2015 2015-057 Avila (MSJ) 787-480-2256 Sanitary sewer overflow	1421 Feria Street, corner with Lafayette Street dromo Comm Hipodromo	Santurce	Residential Caño Martin Peñ	2/24/2015: MSJ found that the santiary sewer system was overflowing through a storm sewer grate on the north-west corner of Feria and Lafayette streets. The sanitary sewer manhole in the center of the intersection is surcharged to the top of the structure. The wastewater flows west on Feria Street into a storm sewer catch basin at the northeast corner of Hipódromo and Feria streets.	año Martin Pei	PRASA	MSJ referred the sanitary sewer overflow to PRASA. A PRASA flushing truck was sent to Lafayette street and it appears that the sanitary pipe is colapsed at some point between the intersections of Feria/Lafayette and Las Americas/Lafayett te. PRASA plans to excavate to identify the problem and correct it. The possibilty of a storm to sanitary sewer systems interconnection	ver Closed
Alexander Avila (MSJ) 787-480-2256 Alexander Avila (MSJ) 787-480-2256	afayette and Progdromo Comm Hipodromo	Santurce	Commercial Caño Martin Peñ	2/24/2015: MSJ found a small amount of a white watery substance deposited inside a storm catch basin. The storm catch basin upstream did not show a signs of the substance, hence the discharge could not be traced to its source. It appeared to be water based paint.	Storm sewer	Unknown	An MSJ vaccum truck removed the paint and other sediments deposited in this catch basin as part of the San Juan MS4 cleaning efforts in this area. An MSJ vaccum truck removed discharges: did not find paint or othe discharges this catch basin.	er Classed
Alex Rivera 2/25/2015 2015-059 (EPA) 787-977-5845 Straight pipe connection and sanitary discharge inside storm sewer ca	abad PR-176, UMET	El Cinco	Institutional Río Piedras			UMET / DTPW	MSJ notified DTPW Contractor David Moreno and EQB Water Quality Area's Wanda Garcia.	Closed

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2/25/2015 2015-060 (EQB) 787-767-8181 Fuel odors from bathroom i	n dentist office. ergio Bustamante Street Eleanor Roos	seve Hato Rey Norte	Commercial prada de los Mu	2/25/2015: MSJ did not find fuel flows or residue in the street gutters in this street. There are no storm sewer catch e basins or underground pipes in this location. The nearest santiary sewer manhole did not have fuel odors.					Closed
Alexander 2/25/2015 2015-061 Avila (MSJ) 787-480-2256 Sanitary sewer overflow	Ganges Street just north of the PR Government Ethics Office	El Cinco	Commercial Quebrada Mong	2/25/2015: MSJ found a sanitary manhole overflowing, generating a considerable and continuous wastewater discharge that flowed north and east along the street gutters and into the Quebrada Mongil.	≀uebrada Mon	PRASA	MSJ referred the	\$3/3/2015: MSJ fo	Closed
2/27/2015 2015-06µan Police Depa Illegal pig farm near Caño I	Santiago Iglesias Street, vacant lot across from house #80.	as Hato Rey Central	Residential Caño Martin Peñ	2/27/2015: MSJ found that were was a pig farm in a vacant lot near the Caño Martin Peña. There were at least 10 pigs in the lot and	año Martin Pe	Unknown	SJPD and landowner initiated legal actions to have the pigs removed from the lot.		Open
2/27/2015 2015-06 agros Navón (Ed Illegal wastes dumping site	Bulón Street, San near Road PR-Fernando 21 Public	Monacillo Urbano	Residential Quebrada Josefir	na					Received
3/3/2015 2015-064gel Salgado (EF Land movement and fill wi	n no soil erosion control measures, and posRoads PR-181 and PR-877	Sabana Llana Sur	Commercial əbrada Sabana L	3/3/2015: MSJ found that there was land movement and fill in a vacant lot between roads PR-181 and PR-877. There were control measures in place. The nearby unnamed creek had clear water flow. There were some residues of soil on road PR-877.	Unknown	INECO Industrial Equipment Corp. 787-760-2425	MSJ does not have jurisdiction in this case because the land lays beween state roads and there is no San Juan MS4 structures surrounding this lot. Mr. Salgado was asked to notify EQB's "Plan CES" office.		Closed

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3/3/2015 2015-06\$i	istie Mota (PRA:	Sanitary overflow from storm sewer manhole	an Sebastian an	utngo Commu	Quintana	Hato Rey Central	Residential	Caño Martin Peñ	3/3/2015: MSJ found that there appears to be an interconnection between the sanitary sewer and the storm sewer systems.	Sanitary	Storm sewer	PRASA	PRASA was going to unplugg the overflowing manhole using a Rod Rodder flushing truck and schedule an inspection to determine the interconnection.	Open
3/5/2015 2015-066	on Rodriguez (N	Turbid water discharge along Condado Street)6 Magdalena Str	reet	Condado	Santurce	Residential	aguna del Conda	3/5/2015: MSJ found that PRASA was repairing a sanitary sewer pipe and when they were done with the repair, they accidentally broke a potable water line that crossed the same pit.	Tap water / Sediments	guna del Conda	PRASA	3/4/2015: MSJ found the pit PRASA was on sq was closed and the discharge was eliminated.	Closed
3/5/2015 2015-06	on Rodriguez (N	Washwater accumulated in storm catch basin	Corner of Fernandez Juncos Avenue and Estado Street		Miramar	Santurce	Commercial	Bahía de San Jua	3/5/2015: MSJ found that there was white washwater accumulated in the storm catch basin. There was no flow in or out of the structure. The nearest building that thouses the Ciqala Hotel was inspected and no irregularities were found. No other sources of the flow were identified. This structure may be connected to the sanitary sewer system.	Washwater	Storm sewer	Unknown	MSJ will conduct additional inspections in the area and communicate with PRASA to verify if this structure is connected to their sanitary sewer system.	Open
3/11/2015 2015-068	uis Flores (MSJ	Tap water line break	Street near 1 NC	Puerto Nuevo Norte Residential Developent	C	Gobernador Piñero	Residential	Quebrada Margari	3/11/2015: MSJ found a clear and continuous flow	Tap water	Storm sewer	PRASA	3/16/2015: MSJ MSJ referred the t discharge was eliminated.	Closed

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3/11/2015 2015-069	ISJ Permits Offic	Sediment discharge from construction project with no soil erosion cont		San Francisco e Residential Developmen t	Monacillo Urbano	Residential	Quebrada Josefir	3/16/2015: MSJ found that the construction project had soil erosion control measures but these were deficient. There were no traces sediment discharge to the street gutters.	None		Miguel Carbonell, Owner, 787-300- 3777; Eng. Alfredo Rios, Project Engineer, 787-960-6503	MSJ asked the property owner and project engineer to add hay bales to the bottom of their silt fence. MSJ also referred the activity to EQB's "Plan CES" office.	4/15/2015: MSJ found that the silt fence was installed properly, covering from the ground up to prevent sediment discharges to the sidewalk. It appears that construction is on hold, since machinery in the back of the house has not been moved, and the soil has not been altered since our last visit. No employees were seen in the house.	Open
3/20/2015 2015-070	3 Water Quality	High fecal coliform and enterococcus measurement in Sixto Escobar E	North of Sixto Escobar Stadium, west of Caribe Hilton Hotel		Puerta de TierraSan Juan Antiguo	Recreational	Océano Atlántico	3/20/2015: MSJ inspected the storm sewer system in this area and did not of find dry weather flows. There were no sanitary sewer overflows or traces of recent overflows.	None			MSJ will monitor the area regulari if EQB's measurements continue to be high.		Open
3/25/2015 2015-07 ⁻	Alexander Avila (MS4) 787-480-2256	Sanitary sewer connection overflow	Ashford Avenue on sidewalk in front of Ventana Al Mar		Condado Santurce	Commercial	Océano Atlántico	directly into a nearby storm catch basin. This is a recurrent problem in this location.	Sanitary	Storm sewer	PRASA	MSJ referred the	3/27/2015: MSJ ofound no discharge	Closed
3/25/2015 2015-072	Alexander Avila (MS4) 787-480-2256	Sanitary sewer overflow	Borinqueña Street, near intersection with Muñoz Rivera Avenue	1	Santa Rita Hato Rey Sur	Commercial	ebrada de los Mu	3/25/2015: MSJ observed a sanitary sewer manhole overflowing, edischarging wastewater towards a storm side inlet on Muñoz Rivera Avenue (PR-1).	Sanitary	Storm sewer	PRASA	MSJ referred the	3/27/2015: MSJ e (found no discharge	Closed

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3/25/2015	2015-07	Emma Blanco (PRASA)	Sanitary discharge to storm sewer	Colegio La Merced at Sargento Luis Medina Street	Eleanor Rooseve	Hato Rey Norte	Institutional *brada de los Mu	3/27/2015: MSJ found no storm sewers on Medina Street near the school, and there were no discharges from the school to this etreet. However, behind the school (south) there are storm sewer catch basins along an access road to a residential building. These did not show dry weather flows.			MSJ will revisit th	3/30/2015: MSJ found no discharges.	Closed
3/25/2015	2015-07	Alexander Avila (MS4) 787-480-2256	Sanitary sewer overflow	Sargento Luis Medina Street, Petroamerica Pagan de Colón residential building	Eleanor Rooseve	Hato Rey Norte	Residential brada de los Mu	3/27/2015: MSJ found a sanitary discharge along Medina Street that originated efrom a sanitary connection overflow in the premises of the Petroamerica building.	Storm sewer	PRASA	MSJ referred the	3/27/2015: MSJ dfound no discharge	Closed
3/27/2015	2015-07	Alexander Avila (MS4) 787-480-2256	Illegal solid waste dump site	149 O'Neill Street	El Vedado	Hato Rey Norte	Commercial Caño Martin Peñ	3/27/2015: MSJ found an illegal waste dump site on the sidewalk in front of an abandoned	Sidewalk	Unknown	Referred to MSJ	3/30/2015: Debris was removed from site.	Closed
3/30/2015	2015-07	MSJ Old San Juan Urban Center	Citizen claims there are toxic fumes in area near Cueva Del Mar resta	រេ Recinto Sur Street	San Francisco	San Juan Antiguo	Commercial Bahía de San Jua	3/30/2015: MSJ found no toxic fumes or illegal discharges originating from the restaurant. The manager did state that earlier in the morning a private vaccum truck was called in to unplug the restaurant's wastewater pipes. The truck was parked behind the restaurant in Tetuan Sreet for 10-15 minutes. MSJ found no residue of wastewater on the sidewalk of Tetuan Street.		Gerónimo Robaina, Manager Cueva Del Mar Rest. 787-725-8700	MSJ will revisit th	4/21/2015: MSJ found no dry weather discharges from the restaurant.	Closed

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4/7/2015 2015-077	Gil Rios (MSJ) 787-480-3300	Sanitary sewer overflows near MSJ Natatorium	MSJ Central Park at corner of John F. Kennedy Avenue (PR-2) and Luis Muñoz Rivera Avenue (PR-1)	La Zona Santurce	Recreational	f s r c Bahía de San Jual v r s	4/7/2015: MSJ found various sanitary sewer manholes overflowing, discharing wastewater to nearby storm sewers that discharge to the San Juan Bay.	Sanitary I	nía de San Ju	PRASA	MSJ notified PRASA via telephone. PRASA inmediatedly sent a flushing truck to unplug the sanitary sewer.	Open
4/7/2015 -2015-07	Noelia Rosa (MSJ)	Yellow grease discharge to sidewalks and municipal waste collection	Corner of Tetuan and San José Streets	Catedral San Juan Antiguo	Commercial	ii a g s c N r ii r Bahía de San Juar t g ii F c f f s	4/17/2015: MSJ inspected the area and found no grease on sidewalk or waste collection bins. Nearby restaurants were inspected for best management practices. All those visited had grease traps in place already inspected by PRASA, had collection tanks for used oil, and showed proof of used oil collection by an authorized company.	None found			MSJ visited restaurants in the area to evaluate their BMP's, and provided orientation about MSJ's environmental ordinance and guidance on storm water pollution prevention. MSJ will continue to visit other restaurans in the area to educate and detect any faults in wastes disposal.	Open
4/9/2015 2015-07	oelia Rosa (MS	Sanitary discharge to demolition project	idara Avenue and Tanca Stree	Mercado San Juan Antiguo	Commercial	f c c c c c c c c c c c c c c c c c c c	4/27/2015: MSJ found a sanitary discharge from a pipe on the wall that borders a demolition site. A dye test was performed from a neighboring bar, "El Adoquín Del Patio" and it was determined that the discharge was not from this facility. Another dye test was performed from a house on 303 Tanca Street and it was determined that this house is the source of the discharge.		Earth dam built by demolition workers to confine wastewater.	se #303 on Tanca Street	MSJ's Old San Juan Urban Center will notify the house owner in writing of the findings and request corrective actions, in accord with building code and regulations of the Old San Juan historic zone. MSJ's Environmental Compliance and Planning Office will follow up on this case to ensure the wastewater discharge is eliminated and the land plot is decontaminated.	Open

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4/14/2015 2015-080 oelia Rosa (MS. Grease discharge to storm sewer	Barrio exach Avenue an Obrero Community	Santurce	4/15/2015: MSJ did not find grease in the storm catch basin. However there was some trash and debris nearby that appeaerd to have flowed there as runoff from higher ground. Near this storm sewer there is an ice cream factory, "Heladería Los Muchachos" that was inspected and found no illicit discharges from this facility.		None identified	MSJ provided orientation to employees of Heladería Los Muchachos about our environmental ordinance and about storm water pollution prevention.	Closed
4/15/2015 2015-08 xander Avila (M Cement discharge to sidewalk	San Francisco Residential Developmen t	Monacillo Urbano	A/15/2015: MSJ found a fresh cement discharge on the north sidewalk of Verbena Street. The source was found to be a construction of a concrete columns for a new gate in front of house #1658. The watery cement flow did not reach the street gutter.	Sidewalk	Ramón Tavares 787-505-0740	MSJ provided orientation to contstruction employees about our environmental ordinance and about stormwater pollution prevention. MSJ ordered the employees to remove the cement using dry methods, and to install hay bales to prevent additional discharges from the construction site to the street gutter.	Open
4/15/2015 2015-08anda García (EC Car wash discharge to stream	tation, Road PR-844, Km. 2.2	Cupey	4/16/2015: MSJ found no discharge from the fuel station to the stream. Commercial Quebrada Ceperd Station does have a car wash area and it is in higher ground than the stream.			MSJ will revisit the fuel station to speak with the owner and provide orientation about storm water pollution prevention.	Open
4/15/2015 2015-08 agros Navón (Ed Illegal waste dumping site	José De Diego Avenue (PR- 47), near República de Colombia Public School	Pueblo	Commercial ebrada Juan Méndez				Received
4/15/2015 2015-08-ha Rodríguez (E Vehicle tires illegal dumping site	Road PR-176 near Barbara Ann Roesler Academy	Cupey	Institutional lebrada Los Guanos				Received
4/15/2015 2015-08 agros Navón (Ed Abandoned house used as illegal waste dumping site	720, 4th Street Santurce Obrero Community	Santurce	Residential Caño Martin Peña				Received
4/27/2015 2015-08 xander Avila (M Overflowing used cooking oil tank	24 Aguadilla Street Condado	Santurce	Commercial aguna del Condado				Received

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4/27/2015 2015-087	Annette Feliberty-Ruiz (EQB)	Citizen claim about wastewater discharge from storm sewer outfall to	North end of Condado Street, near Marriott Condado Hotel	Condado Santurce	Commercial		4/27/2015: MSJ found what appears to be wastewater, based on appearance and odor, accumulated in the storm sewer manholes in Condado Street, between Ashford Avenue and the Condado Beach. The outfall at the end of the street was covered by beach sand, due to sand trasportation by wind and beach waves.	Sanitary	Storm sewer	To be identified	MSJ will schedule a camera inspection to identify the source of the wastewater.	Open
4/28/2015 2015-088	xander Avila (M	Sinking street, possible underground dry weather discharge	Corner of Fernandez Juncos Avenue and Tadeo Rivera Street	Puerta de TierraSan Juan Antiguo	Commercial	Bahía de San Jua	manhole has stagnant water. This water is clear and odorless.		Storm manhole	MSJ	Referred to MSJ Public Works for street repair and to unplug the storm sewer.	Open
4/28/2015 2015-08	liam Diaz (PRA	Wastewater discharge from overflowing storm sewer catch basin	Ponce de Leon Avenue (PR- 25), also known as Constitución Avenue, in front of Brumbaugh Public School	Puerta de TierraSan Juan Antiguo	Commercial	3ahía de San Jua	did not find an active wastewater overflow from the catch basins, however there was an accumulation of wastewater, identified by appearance and odor, on the north lane of PR-25 (AMA bus lane). In PR-25 near the Brumbaugh school there are two catch basins and a sanitary manhole. The western catch basin was clear of obstructions but a light sanitary odor could be sensed from this structure. The	None found above ground; a sanitary flow inside the catch basin structure near the school.	Unknown	PRASA	MSJ shared the findings with PRAS	Open

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4/29/2015 2015-09(sé Clemente (MS Citizen complaint about a hydraulic oil discharge to the street.	Monseñor Torres Street Buen Consejo Pueblo	4/29/2015: MSJ found traces of hydraulic oil in a strom drain pipe coming out of the curb on the western side of the Monseñor Torres Street. This pipe was found to collect runoff from the Humberto Vidal, Commercial ebrada Juan Mén Inc. facility, where they have a vehicle maintenance area had oil deposits on the floor near the beginning of the drain pipe found with the oil deposits. No major discharge or spill marks	Street José Vázquez, "in charge" employee of Humberto Vidal, Inc, 787-751-7070	MSJ provided orientation about the environmental ordinance and guidance on storm water pollution prevention. MSJ ordered the responsible party to eliminate the drain pipe or to take any other necessary step to prevent illicit discharges to the storm sewer system.
4/29/2015 2015-09* xander Avila (M: Yellow grease discharge to the street	2 Lugo Viñas Street Puerta de TierraSan Juan Antiguo	4/29/2015: MSJ observed a yellow grease discharge from the back of the "EI Hamburger" restaurant. The source was a grease holding tank that was placed outside the restaurant while its permanent place inside the facility was repaired. The restaurant has another grease holding tank, a large grease trap, and an used cooking oil tank, all serviced by Rod Rodder.	Wendel Almodovar, Street Administrator of El Hamburger, 787- 721-4269	MSJ ordered the responsible party to stop and absorb the grease flow with aggregate material that was laying near the restaurant. Restaurant employees quickly applied the aggregate material and prevented the grease from reaching the Ponce De Leon Avenue. 6/1/2015: MSJ found that Responsible Party placed the outside used-oil tank was placed in a dike under a roof. Building surroundings were found clean.
5/4/2015 2015-092 Daniel Santiago (citizen) 787-323-6565 Animal wastes left on sidewalk and street	Paradise Hills 52 Pesqueria Stri Residential Developmen t	5/11/2015: MSJ found that house 1652 was being used as an animal shelter by a non-profit organization. No animal wastes were seen on the sidewalk or street gutter.		MSJ provided orientation to the house owner about storm water pollution prevention and asked to take all necessary measures to prevent animal wastes or any other illicit discharge from flowing into the storm sewer system.

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5/12/2015	2015-09	, Alexander Avila (MSJ)	Paint discharge to storm sewer system	be Street, El Cen	tro I Building	Hato Rey Norte	Commercial Caño Martin Peñ	employees were painting in the building and they washed and discharged paint through the floor drains that discharge out to	Storm sewer	Rafael Quinonez- Ayala, Treasurer of Condominium Board, 787-759- 3605	MSJ ordered the clean up of the paint discharge and to take all necessary measures to prevent future illicit discharges to the storm sewer system.	6/11/2015: MSJ did not find illicit discharges from this residential building.	Closed
5/13/2015	2015-094	Alexander Avila (MSJ)	Yellow grease discharge to storm sewer system	Corner of Roosevelt Avenue and Juan Davila Street	Roosevelt Residential Developmen t	Hato Rey Norte	Commercial Caño Martin Peñ	the street 5/13/2015: MSJ detected a yellow grease discharge to the street gutter and storm sewer catch basin. The El Meson de la Roosevelt restaurant has a yellow grease container outside the kitchen, near athe sidewalk. It appears that kitchen employees are not careful and spill the liquid waste on the ground as they pour it into the container. There is also a solid waste container near the sidewalk that is broken and	Storm sewer	Javier Muñoz, owner of El Meson de la Roosevelt, 787-432-3251	MSJ ordered the responsible party to clean up the grease and lixiviates spills and to take necessary steps to prevent future illicit discharges to the storm sewer system. Also MSJ asked the responsible party to replace the solid waste container with one that is not broken.	container from the sidewalk to a confined area and replaced the solid waste container with a new unit. However this unit was to the solid was	Closed
5/13/2015	2015-098	Alexander Avila (MSJ)	Sanitary connection overflow	Corner of Roosevelt Avenue and Jose Acosta Street	Roosevelt Residential Developmen t	Hato Rey Norte	Commercial Caño Martin Peñ	5/13/2015: MSJ	Storm sewer	Guillermo Gsottshneider, Manager at Gauchos Restaurant, 787- 294-1000	MSJ ordered the responsible party to hire a plumber to inspect business sanitary pipes and connection. Also to contact PRASA and investigate what is the cause of the overflow.	6/11/2015: MSJ did not find illicit discharges from this / restaurant. The responsible party hired a private	

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5/13/2015 2015-096 Alexander Avila (MSJ) Lixiviates discharge from solid waste dumpster	Corner of Roosevelt Avenue and Juan Davila Street Roosevelt Residential Developmen t	oseve Hato Rey Norte	Commercial Caño Martin Peñ	source was a solid waste container located on the sidewalk just outside of the restaurant's kitchen.	Storm sewer	Llani Andramous, owner of Tierra Santa Restaurant, 787-754-6865	MSJ ordered responsible party to clean discharge from street gutter and to replace broker solid waste dumpster with a new unit. MSJ also asked for responsible party to take all necessary measures to prevent storm water pollution.	restaurant or from its solid waste container. The	Closed
5/19/2015 2015-091xander Avila (M: Car wash discharges to storm sewer system	roads PR-845 and PR-844	Cupey	Commercial uebrada del Aust	observed a slow and continuous flow of water from a pvc pipe to a storm sewer catch basin on the south side of road PR-845, near the Buxeda Cemetery in Cupey. The flow was traced to Auto Wash, a car was located near the entrance of the cemetery. Upon inspection of the business it was found that the car wash has drains on the ground to collect wash water and drain to a sand trap, and from the trap out to the storm sewer The	Storm sewer	Santiago Iglesias, owner of Auto Wash, 787-664- 8837	MSJ ordered the responsible party to connect the car wash water collection system to to PRASA's sanitary sewer system within 30 days.		Open
5/19/2015 2015-09&uz Rojas (MSJ) Animal waste discharges to storm sewer	Country Club 6 James Bond St Residential Developmen t	Sabana Llana Norte	Residential uebrada San Ant	5/19/2015: MSJ found a rooster and hens kept behind the house dbut did not find animal wastes on the street gutter or storm sewer catch basin.	Within properl	Yamaris Alicea- Nieves, house resident 787-944-2234	MSJ ordered the removal of the non-domesticated animals from the property, and the cleaning of the property grounds to prevent anima wastes from reaching the storm sewer by surface runoff.	7 days	Open
An unnamed creek located in State Road PR-849 heavily impacted with grayish water with wastewa (e.g., odor, color, algae formation). The creek cal access at the following coordinates: Lat. 18°23' 66°0' 23.82" W. See photos DSCN2077 thru DS details.	ter appearance be observed and 2.86" N — Long.							6/3/2015: MSJ performed a camera inspection of the storm sewer system in the residential	
Colinas Verdes is located upstream of the unname described in item 1. The Inspector gained access verify the stormwater and wastewater collections. A wastewater manhole located in front of Resider Verdes Street 8 was found surcharged. See Attac DSCN2081 and DSCN2082 for more details.	to Colinas Verdes to bad PR-849 Km. ystems.							developmet and found what appeared to be sanitary flow inside a storm sewer catch basin in Street 2, in front of house D11.	

		Dry-weather flow was observed at a stormwater catch basin located at Street 8 and 3 intersection. Wastewater odor was noted. See Attachment I photo DSCN2084. A wastewater manhole located at Street 8 and 3 intersection was found with its half pipe partially obstructed and flowing slowly. See photos DSCN2083 and DSCN2084 for more details.	ion of 3rd and 8th				5/27/2015: MSJ found that the water of the				There was a strong sewage odor coming from the storm catch basin, and a nearby sanitary sewer manhole was found filled with solids. MSJ	
		Dry-weather flow with wastewater appearance (e.g., odor, color, algae) was observed at a stormwater catch basin located in front at Street 3 Residence F-37. Based on the direction of the flow and the configuration of the wastewater collection system at Street 3, a wastewater manhole is supposed to be located in this same location, but it appears to be covered by asphalt. Coordinates: Lat. 18°23' 15.31" N — Long. 66°0' 22.63" W.	F-37, 3rd Street				unnamed creek that flows from east to west below Road PR- 849 near Colinas Verdes was found clear and odorless, both upstream and downstream of				referred these findings to PRASA via email on 6/3/2015. 6/16/2015: MSJ performed a follow up visit and found that the sanitary	
		A wastewater manhole located between Residences E-9 and E-10 of Colinas Verdes Street 3 was found completely full and clogged. See Attachment I photos DSCN2085 thru DSCN2087 for more details. Coordinates: Lat. 18°23′15.95″ N — Long. 66°0′24.84″ W.	-9, E-10, 3rd Stre				Road PR-849. A similar flow was observed in the stormwater structures previously inspected by EPA			storm sewer system on	manhole in front of D11, Street 2 was still filled with solids, that there is a dry	
5/21/2015 -2015-09	EPA Recon Inspection 5/19/2015	A wastewater manhole located in front of Residence E-9 and west of the wastewater manhole described in item 7 was found with only a trickle of flow from Street 7. See photos DSCN2088 and DSCN2089 for more details. Coordinates: Lat. 18°23' 15.56" N — Long. 66°0' 25.36" W.	E-9, 7th Street	Colinas Verdes Residential Developmen t	Sabana Llana Sui	Residential uebrada San Ant	in Streets 3, 7, and 8 of the residential development. The sanitary sewer manholes identified by EPA	Jnnamed Cree	PRASA	follow up visit	the sewage odor persists. MSJ notified	Open
		A stormwater catch basin was found with significant amount of dryweather flow with wastewater appearance (e.g., odor, color, algae formation). The stormwater catch basin is located in Street 3 in front of Residence F-43 access gate. See photos DSCN2090 thru DSCN2092 for more details. Coordinates: Lat. 18°23' 15.99" N — Long. 66°0' 25.33" W.	F-43, 3rd Street				as surcharged in Streets 3, 7, and 8 were found with low levels and very slow to stagnant flow velocities. There was some sanitary sewer			the findings were	findings via email sent on 6/16/2015.	
		A wastewater manhole located in Street 7 Final was found surcharged and with signs of recent overflows. See Attachment I photos DSCN2093 and DSCN2094 for more details. Coordinates: Lat. 18°23' 17.08" N — Long. 66°0' 25.59" W.					overflow debris above surface on Street 7, but we found no active sanitary sewer overflows with the				solids and an apparent sanitary discharge inside the adjacent storm	
		Significant amount of dry-water flow with wastewater appearance (e.g., odor, color, algae formation) was observed flowing at the stormwater catch basin located at Street 7 Final. The flow goes in direction of the unnamed creek described in item 1. See Attachment I photos DSCN2095 and DSCN2096 for more details.	rth end of 7th Str				residential development.				sewer catch basin. Sanitary odor was detected coming from the catch basin. 6/29/2015: MSJ visited the site	
		A wastewater manhole located in Street 3 and 7 intersection was found with significant amounts of solids accumulated on its bottom. See Attachment I photos DSCN2097 and DSCN2098 for more details. Coordinates: Lat. 18° 23' 15.73" N — Long. 66° 0' 26.17" W.	ion of 3rd and 7th								and found the sanitary manhole was clean, with wastewater flows within the	

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		A stormwater manhole was found with significant amount of dryweather flow with wastewater appearance (e.g., odor, color, algae formation). The flow subsequently reaches the catch basin described in item 11. The stormwater manhole is located in front of Resident F-47 of Street 7. The manhole receives flow from the upper part of Street 7 and from Street 3 which was contributing flow with wastewater appearance. See Attachment I photos DSCN2099 and DSCN2103 for more details. Coordinates: Lat. 18°23' 16.4" N — Long. 66°0' 26.00" W.	F-47, 7th Street										half pipes. There is still an active dry weather discharge in the nearby storm sewe catch basin, but today it was clear. There was a faint sanitary odor in the catch basin.	
5/22/2015 2015-100	Lorenzo Peña (MSJ)	Construction of house on stream bank	4th Street	Canejas Community	Caimito	Residential		5/26/2015: MSJ found cement, wood, and plastic debris on the left stream bank. The source of the solid waste is an ilegal house construction.	Solid wastes	Stream bank	Placido Cotto- Aviles	\$1,000	MSJ ordered the cleanup of the stream bank and to apply for the required construction permits before continuing. A cease and desist order was issued by the MSJ Permits Office.	Open
5/26/2015 2015-101	Lorenzo Peña (MSJ)	Yellow grease discharge to storm sewer	' San Alfonso Av	Santiago Iglesias Residential Developmen t	Monacillo Urbano	Commercial	uebrada Doña Ai	5/26/2015: MSJ did not find a yellow grease discharge from this location. However we did find a mopping water discharge.	Wastewater	Sidewalk	Aramis Miranda, co-owner of La Viequense Bakery 787-781-5388		MSJ provided orientation on illicit discharges and preventing stormwater pollution.	Closed
5/26/2015 2015-10	Wanda García (EQB)	Motor oil dumping to storm sewer	058 on 3rd Stree	Villa Nevarez Residential Developmen t	El Cinco	Residential	ebrada Buena Vi	6/12/2015: MSJ did not find oil in the street gutters or in the nearest storm sewer near house #1058. However there were some dry oil spots on the pavement but the source of these spots could not be identified. MSJ inspected the sanitary sewer manhole in front of the house and found it partially filled with solids but did not observe traces of oil.	Oil	Pavement	Unknown		MSJ will visit this street a few more times to prevent any illicit discharge to the San Juan MS4. The surcharged sanitary manhole was referred to PRASA.	Open
5/27/2015 2015-103	Lorenzo Peña (MSJ)	Hydraulic oil discharge to storm sewer	Lopez Sicardo S	San Agustin Residential Developmen t	Sabana Llana Sur	Residential	ebrada Juan Mér	5/27/2015: MSJ found motor oil and grease discharges on the sidewalk, street gutter and on the street. The house was used as an illegal car repair shop.	Oil	Street gutter	José García- Domínguez	\$1,000	MSJ ordered the cleanup of the oil discharges with absorbent materials and issued a cease and desist order. 6/18/2015: MSJ found that the oil spills were cleaned and there were no signs of recent discharges to the sidewalk or street.	Closed

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5/27/2015 -2015-10	Alexander Avila (MSJ)	Construction site discharge	E1 on 8th Street	Colinas Verdes Residential Developmen t	Sabana Llana Sur	Residential	uebrada San Ani	5/27/2015: MSJ detected a cement discharge to a street gutter and a storm to sewer catch basin. The source of the flow was a construction project.	Cement	Storm sewer	Luis Berrios, house owner 787-613-0094	MSJ ordered the removal of the cement on the street gutter and for the construction crew to prevent future illicit discharges to the storm sewer system. 6/16/2015: MSJ found no cement or sediments on the sidewalk, street gutter or storm catch basin. The construction project continues but all materials and work is performed inside the property and there were no signs of discharges to outside the property	Closed
6/1/2015 2015-105	on Rodriguez (I	NSanitary sewer overflow	Street and Muño	z Rivera Aven	Santa Rita Hato Rey Sur	Commercial	∍brada de los Mu	6/1/2015: MSJ detected a sanitary sewer manhole overflowing in front of El e Mejicano Restaurant. The wastewater flows from Janer Street to Muñoz Rivera Avenue's storm sewer- 6/1/2015: MSJ	Sanitary	Storm sewer	PRASA	MSJ notified PRA:1 day	Open
6/1/2015 2015-10	xander Avila (M	Sanitary sewer overflow	Corner of Domingo Marrero Navarro Street and Muñoz Rivera Avenue		La 37 Hato Rey Sur	Commercial	∌brada de los Mu	6/1/2015: MSJ detected a sanitary sewer manhole overflowing near the old Video e Avenue building. The wastewater flowed from Navarro Street to the Muñoz Rivera Avenue storm sewer.	Sanitary	Storm sewer	PRASA	MSJ notified PRA:1 day	Open
		l Illegal solid waste dump site	steban Gonzalez		La 37 Hato Rey Sur		ebrada de los Mu	on the sidewalk and part of the street. There was also a lixiviate flow on the street curb.	Lixiviate	Street gutter	Unknown	MSJ will remove the wastes and m	Open
6/1/2015 2015-108	nathan Pagan (N	Foam discharge to storm sewer	Al Mar on Ashfor	d Avenue	Condado Santurce	Commercial	Océano Atlántico	6/3/2015: MSJ					Open
6/3/2015 2015-109	xander Avila (M	Dry weather discharge, possible tap water line break.	Piñero Street		Ubarri Pueblo	Commercial	ebrada Juan Méi	detected a dry weather discharge along Piñero Street.	Tap water	Storm sewer	MSJ	MSJ will eliminate 5 days	Open

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6/5/2015 2015-110	renzo Peña (MS	Construction discharge	' at Cesar Gonzale	ez St	El Vedado	Hato Rey Norte	Commercial	Caño Martin Peñ	6/5/2015: MSJ found sediments and debris on sidewalk. Nearby storm sewer catch basins were clean, but not protected.	Debris/Sediments	Sidewalk	Ruth De Jesus, Foreman 787-212-2490		MSJ ordered demolition work foreman to prevent sediment discharge to nearby storm catch basins and to remove debris and sediments from sidewalk before leaving site.	Open
6/8/2015 2015-111	loelia Rosa (MS.	Lixiviates discharge from solid waste dumpster	3 Cervantes Street	t	Condado	Santurce	Commercial	aguna del Conda	6/8/2015: MSJ found two (2) solid waste contaniers discharging lixiviates to the csidewalk and street gutter. It appears that the metal dumpsters are corroded and do not contain the liquid waste.	Lixiviate	Street gutter	Walter Nazar, employee in charge, Danny's Restaurant, 787- 724-0501	\$1,000	MSJ ordered the responsible party to replace the waste containers with new, sealed units.	Open
6/9/2015 2015-112	xander Avila (M	Cement discharge to storm sewer	to Monroig and B	Villa Palmeras Community	Villa Palmeras	Santurce	Commercial	aguna Los Coroz	6/9/2015: MSJ detected a cement discharge to the street gutter and the storm sewer catch basins on the corner of Betances and Monroig Streets. The source of the discharge was remodelling work performed to the nearby residential building without appropriate runoff control measures.		Storm sewer	Daniel Harrigan, building owner, 787-457-6614	\$1,000	MSJ ordered the clean up of the street gutter and storm sewer, and for the responsible party to install sediment runoff control measures, such as hay bales, to protect the storm catch basins.	Open
6/9/2015 2015-113	e Officer Rojas (Possible animal waste discharge to river	35 Apenino Stree	Puerto Nuevo Sur Residential Developmen t	G	iobernador Piñero	Residential	Quebrada Josefir	6/9/2015: MSJ found a chicken farm approximately 5 feet away from the Quebrada Josefina.	Animal waste	uebrada Josefi	David E. De Jesus 787-312-3329		MSJ ordered the responsible party to remove the animals from this location .	Open
6/9/2015 2015-114	Concerned Citize	Oil discharge to stream	33 Apenino Stree	Puerto Nuevo Sur Residential Developmen t	G	iobernador Piñero	Residential	Quebrada Josefir	6/9/2015: MSJ visited the alleged ilegal auto repair shop and observed that	Oil	uebrada Josefi	na		MSJ did not find tl [†] 7 days	Open

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	Dry-weather flow was observed in a stormwater catch basin located at Interamericana and Princeton Streets intersection (in front of "Colegio Sagrado Corazon" Coordinates: Lat. 18° 24' 10.24" N — Long. 66° 3' 45.00" W). The flow was observed going in direction of Princeton and Sorbona Streets intersection. Wastewater characteristics (i.e. color, odor, and algae formation) were observed. A grab sample was taken; using ammonia test strips the ammonia level was approximately 6 mg/l. Fluorescent green dye was poured into the catch basin to determine its flow direction at 2:36 PM. See photos DSCN2153 thru DSCN2156 located in Attachment I for more details.						Received
	A dry-weather flow with wastewater characteristics (e.g. color, odor, and algae formation) was observed in a stormwater catch basin located in Sorbona and Princeton Streets intersection (Coordinates: Lat. 18°24' 8.97" N — Long. 66°3' 46.20" W). The fluorescent green dye was observed in the catch basin around 3:07 PM. The flow was observed going in direction of the Rio Piedras River. See photos DSCN2160 thru DSCN2161 located in Attachment I for more details.						Received
	A wastewater discharge was found reaching the Rio Piedras River from an approximately 48 inches diameter concrete pipe located southwest of Princeton and Sorbona Streets intersection (Coordinates: Lat. 18°24′ 9.01″ N — Long. 66°3′ 47.03″ W). Strong wastewater odor, algae formation and grayish flow were noted. See photos DSCN2157 thru DSCN2159 and DSCN2162 thru DSCN2166 located in Attachment I for more details. Although the Inspectors were not able to document the fluorescent green dye reaching the Rio Piedras River, the stormwater catch basin located at Princeton and Sorbona Street (see item 3) was illuminated using a flash light and the light was seen thru the discharge pipe. As described in paragraph 2 the dye reached the Princeton and Sorbona catch basin meaning that the sewage discharge does ultimately discharge from this outfall. The pipe is partially obstructed and hindering the flow coming from Sorbona and Princeton Streets intersection.						Received
EPA Recor 6/9/2015 2015-115 Inspection 5/28/2015	(e.g. color, algae formation and foam formation) was observed flowing	University Gardens Residential Developmen t					Received

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	The wastewater manhole at Palma Real and Duke Street intersection was found full and with solids (i.e. grease) accumulation. The wastewater manhole is located at Coordinates: Lat. 18°24' 14.86" N — Long. 66°3' 36.16" W. The stormwater trench inlet located in the same intersection (southwest of the wastewater manhole) was found with presence of dry-weather flow with wastewater characteristics (e.g. color, odor, and algae formation). The wastewater was observed flowing from the trench inlet inner wall and reaching a stormwater collection system that flows in direction of Interamericana Street. The intersection stormwater trench inlet is divided in two sections, one that flows into a concrete pipe similar to the one described in item 3, and other that flows thru a rectangular type of channel similar to the one described in item 4. See photos DSCN2169 and DSCN2168 located in Attachment I for more details.								Received
	EPA has conducted Reconnaissance Inspection at the 2 outfalls described in paragraphs 3 and 4 above in March, 2012; July 2012 and January 2013 and these reports were transmitted to both MSJ and PRASA. In response to the March 2012 Inspection, PRASA stated in a letter dated September 6, 2012 that they fixed a broken sanitary line at Loyola and Interamericana on July 14, 2012. Despite this correction EPA sampling at on July 18, 2012 still continued to show the presence of sewage at outfalls in University Gardens. PRASA's response to this July 2012 dated June 10, 2013 indicated that they did not identify any problems at Sorbona and Princeton and that they would reschedule a visit to Calle Sorbona and Loyola. EPA also identified sewage flowing from the 48" pipe described in paragraph 3 above during a January 2013 Reconnaissance inspection conducted by canoe on the Rio Piedras River. No PRASA or MSJ reply was received in response to the January 2013 Inspection as requested by EPA. PRASA/MSJ must work to solve the problems of the illicit discharges and connections in University Gardens.								Received
	An unnamed creek was found with wastewater characteristics (e.g., odor, color, and algae formation) and flowing in direction of the Rio Piedras River. The EPA inspector observed the unnamed creek from a location south of the University of Puerto Rico Botanical Garden and adjacent to the Botanical Garden Security Offices. Coordinates: Lat. 18°23'37.44" N — Long. 66°3'20.22" W. See photo DSCN2221 located in Attachment I for more details. Refer to EPAs May 26, 2015 RI Report for more details and photos of the discharge point into the Rio Piedras River.								Received

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		The wastewater manhole that was documented overflowing by the SJBEP on May 22, 2015 and included as part of EPA May 26, 2015 inspection documentation, was found flowing normally. The wastewater manhole is located at Venezuela's Guaracanal Street (PR-847), south of La Experimental Residential Development Street #1. Coordinates: Lat. 18°23' 27.71" N — Long. 66°3' 8.84" W. See photos DSCN2222 thru DSCN2224 located in Attachment I for more details. Refer to EPA May 26, 2015 RI Report for more details about the SJBEP May 22, 2015 findings. During the inspection the EPA inspector noted that wastewater overflows occurrences in the above described wastewater manhole does not impact the unnamed creek described in item number 1. However, it does impact an additional creek that appears to be intermittent. The creek flows into the east part of the University of Puerto Rico Botanical Garden Property.									Received
		Significant amount of flow with wastewater characteristics (e.g., color, odor, solids, and algae formation) was observed in an unnamed creek located north of Venezuela's Amalia Marin Public School and south of Guaracanal (PR-847) and Izcoa Diaz Streets intersection. Coordinates: Lat. 18°23' 36.68" N — Long. 66°3' 15.72" W. See photos DSCN2225, DSCN2226, and DSCN2233 located in Attachment I for more details.									Received
6/10/2015 2015-110		A concrete circular pipe of approximately 24 inches was found underneath Guaracanal Street (PR-847) and discharging significant amount of wastewater into the unnamed creek described in item 3. Coordinates: Lat. 18°23' 36.72" N — Long. 66°3' 15.73" W. See photos DSCN2230 to DSCN2232 located in Attachment I for more details.	Venezuela Community		Pueblo	Residential					Received
	6/2/2015	A wastewater manhole located at Guaracanal (PR-847) and Izcoa Diaz Street intersection was found with high levels of sewage. Coordinates: Lat. 18° 23' 37.02" N — Long. 66° 3' 15.80" W. See photos DSCN2227 and DSCN2228 located in Attachment I for more details.	Community								Received
		A wastewater manhole located at Guaracanal Street (PR-847), southeast of the wastewater discharge described in item 4, and in front of Amalia Marin Public School, was found flowing normally and in direction of Guaracanal (PR-847) and Izcoa Diaz Street intersection. Coordinates: Lat. 18°23' 34.79" N — Long. 66°3' 13.96" W. See photos DSCN2234 and DSCN2235 located in Attachment I for more details.									Received
		The wastewater collection system at Venezuela's Acueducto and Tanques Streets, parallel to Guaracanal (PR-847) Street was found flowing normally. See photos DSCN2236 to DSCN2239 located in Attachment I for more details.									Received

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		The EPA inspector contacted by telephone PRASA official Christie Mota, San Juan Operations Supervisor, and informed the preliminary inspection findings on June 2, 2015 via telephone at 10:01 AM. PRASA official Christie Mota informed the EPA inspector that PRASA suspects that the wastewater collection system segment that crosses the unnamed creek, described in item 3, could be the source of the wastewater discharges. In addition, Mrs. Mota stated that PRASA was in the process of coordinating a closedcircuit television (CCTV) camera study to determine the problem. Ms. Mota also added and alleged that a few days prior to the call PRASA was able to reduce the levels in the wastewater manhole described in item 5, and the discharge was eliminated temporarily.										Received
		Large amount of drinking water were observed flowing into the stormwater sewer at Venezuela Brumbaugh Street. The flow was observed overflowing from the street near Brumbaugh and Callejon A Streets intersection. Coordinates: Lat. 18°23' 42.44" N — Long. 66°3' 9.50" W. The situation was also informed to PRASA's Christie Mota by the EPA inspector during the June 2, 2015 10:01 AM telephone conversation. See photos DSCN2240 and DSCN2241 located in Attachment I for more details.										Received
6/12/2015 2015-	11 ¹ xander Avila (N	#Sewage deposits in storm sewer catch basin	Corner of 5th and 18th Streets, in front of house 358	Villa Nevarez Residential Developmen t	El Cinco	Residential lebrada Buen	6/12/2015: MSJ detected a strong sewage odor coming out of a storm sewer catch basin and inside of it found deposits of dark gray water. A nearby sanitary manhole was a Visinspected and found flowing steadily within its half pipe. MSJ did not find illicit discharges from the nearby residences or observe any active sanitary sewer overflows in the streets	brada Buena	PRASA	According to Alex Rivera from EPA PRASA had reported a Sanitary Sewer Overflow in the Villa Nevarez Residential Development days before. It is very likely that the SSO occurred in the corner of 5th and 18th Streets.	10 days	Open

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6/16/2015 2	2015-118	xander Avila (M	Sanitary sewer overflow	José De Diego Avenue (PR-37) in front of Church's Chicken Rest., near the corner with San Patricio Avenue	t	Gobernador Piñero	Commercial łuebrada Doña A	detected a slow, yellow colored, dry weather flow along the street gutter of De Diego Ave. northbound towards the Quebrada Doña Ana. It was traced to the sidewalk in front of Church's rChicken restaurant. The discharge was emanating from the ground through a crack on the sidewalk. There were small traces of toilet paper and what appeared to be grease. There was also a strong sewade odor.	age ebrada Doña	A PRASA	MSJ referred the	6/18/2015: MSJ found that the overflow continues. 6/24/2015: PRASA found that the commercial sanitary connection pipe was damaged and replaced 40 feet of PVC pipe. 6/29/2015: MSJ visited the location and found no overflows or discharges.	Closed
6/16/2015 2		Gándara-	Grease discharge to Quebrada Los Muertos and unpleasant odors co	ming from the cree	ek. Hyde Park	Hato Rey Sur							Received
6/16/2015 2	2015-12	Jonathan Pagan (MSJ)	Restaurant employee washing kitchen equipment on the sidewalk, dis	Corner of Iturriaga and Canals Streets	Condadito	Santurce	Commercial aguna del Conda	6/16/2015: MSJ found the remains of a washwater and yellow grease discharge on the street gutter of Iturriaga Street, and the nearby catch basin partially filled with yellow soapy water. Outside the restaurants was the kitchen equipment laying on the ground drying on the sun. The employee admitted to washing the equipment outside on the sidewalk.	Grease Storm sewe	Julio A. Aponte, r employee of De La Vida Restaurant	MSJ ordered the responsible party to cease washing anything outside the restaurant.	,	Open

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6/16/2015 2015-12	. Maria Matos (MSJ)	Green, dry weather flow with sewage odor flowing out of a pipe to the	1003 Alpes Street	Puerto Nuevo Sur Residential Developmen t	Gobernador Piñero	Commercial	Río Piedras	found that the green discharge with sewage odor was coming out of a PVC ~3 inch pipe in the sidewalk, and from another hole a few feet away in the same sidewalk, both discharge points in front of building #1003. Screening with ammonia test strips results: At PVC pipe 1 ppm, and at hole in sidewalk 6 ppm. Screening with pH strips resulted in 5 SU in both discharge points. There were no sanitary manholes near the building.	Sewage	Río Piedras	Juan F. Escobales, owner of building #1003, which houses a restaurant "El Buen Sabor" and apartments on the second floor.	MSJ ordered the r15 days	Open
6/18/2015 2015-12:	pert Torres (PR/	Cooking oil spill	Uruguay and Bol	Hector Piñero i Housing Developmen t	Las Monjas Hato Rey Central	Commercial	Caño Martin Peñ	6/18/2015: MSJ found a 55-gallon metal drum with signs or recent spills of used cooking oil. The drum is located behind a solid waste dumpster	Oil	Ground	Unknown	MSJ will investigate to find the owner of the oil container before a major spill occurs.	Open
6/23/2015 2015-12	hathan Pagan (N	Sanitary sewer overflow	on of 12th and 3t	Caparra Terrace Residential Developmen t	Gobernador Piñero	Residential	tuebrada Doña A	6/24/2015: MSJ found wastewater flowing in the street gutters that drain to a storm sewer catch basin in the northwest corner of the streets intersection. Screening for ammonia was performed with Insta-Test Analytic Ammonia strips, finding 3 ppm and 6 ppm. The source of the flows was found to be overflowing residential sanitary connection pipes. A strong sewage odor was detected.	Sewage	ebrada Doña .	PRASA	6/25/2015: PRASA flushed and unplugged the sanitary manhole located at the intersection. They also washed the sewage residues on the street gutters. 6/29/2015: MSJ visited the location and found no discharges or overflows. The street was clean.	Closed

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6/29/2015 2015-124xander Av		America Street north of FD Roosevelt Avenue, in front of Las Delicias Restaurant		Las Monjas Hato Rey Centra		Commercial	Caño Martin Peña	6/29/2015: MSJ detected a sanitary sewer overflow from the manhole in front of the Las Delicias Restaurant. The wastewater flows north along America Street towards a storm sewer in the corner of America and Quisqueya Streets. Strong sanitary odor in the area.	Sewage	año Martin Pei	PRASA	MSJ referred the	6/29/2015: MSJ found that the dSSO was eliminated by PRASA.	Closed
7/1/2015 2015-125lex Rivera	Yesterday we identified wastewater accumulation in an small pond between PR-22 Highway and Puerto Nuevo Norte Residential Development (PN Norte) and conducted a reconnaissance inspection at PN Norte to identify the source. After driving thru several streets we found out the same situation found back in June 18, 2014 (see email below and map for more details) occurring at Street 14 N.E. The following is a summary of the findings: 1. We found sewage discharge into the stormwater collection system in Street 14 N.E. from a wastewater manhole in the corner of residence 14 N.E. #1103. The wastewater manhole was also found full of sewage. See photos 20150629_184005 and 20150629_184023 attached for more details. (EPA 2. The wastewater manhole has an interconnection into the stormwater collection system and was observed contributing significant amount of raw sewage into the discharge near the PR-22 Highway (see map include below for more details). The stormwater collection system flows perpendicular to Streets 16 N.E. and 18 N.E. and eventually reaches the small pond adjacent to the PR-22 Highway. See photos 20150629_183930 and 20150629_183937 attached for more details about the stormwater collection system in the area. 3. We also found a wastewater manhole at Street 16 N.E. in front of residence #1003 that was found full. See photos 20150629_185144 and 20150629_185149 attached for more details. 4. The situation was informed immediately to PRASA's Guaynabo Operational Area Supervisor Carlos García	03 on 14 NE Str	Puerto Nuevo Norte Residential Developmen t	Gobernador Piñer	o o	Residential		7/2/2015: MSJ visited the location and found a sewage flow in the storm sewer system. Nearby sanitary manholes were found surcharged with solids. Since there are no sanitary sewer overflows in the area, it is possible there is an interconnection between the sanitary and the storm sewer systems. MSJ also found a storm sewer grate was damaged and needed replacement.	Sewage	lebrada Marga	PRASA	MSJ notified the situation to PRASA on 7/2/2015 for discharge elimination. MSJ will replace the damaged storm sewer grate.	found that the sewage discharge had been eliminated from the storm sewer and the sanitary manhole had been cleaned by PRASA. MSJ removed the broken storm sewer grate and temprarily covered the opening with a metal plate. 7/3/2015: MSJ removed the metal plate and installed a new grate on the storm sewer catch basin	Closed
7/2/2015 2015-12 t avier Bauz		Aguadilla Street		Condado Santurce	7'28" N, 66 ⁰ 04'3	Commercial	aguna del Condac	7/2/2015: MSJ received photos from SJBEP documenting a sanitary sewer overflow and the wasterwater discharge flowing in the storm water outfall towards the Condado Lagoon. MSJ informed PRASA about the overflow. MSJ later visited the site and found that the SSO had been controlled.	Sewage	guna del Conda	PRASA	MSJ referred the SSO to PRASA via text message to C. Mota on 7/2/2015.	active overnow	Closed

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7/2/2015 2015-12	ten Gonzalez (N	Wastewater discharge from building to sidewalk)1 San Justo Street	San Francisco San Juan Antiguo	Commercial	3ahía de San Jua	found a slow dry weather discharge with wastewater appearance, but odorless. The discharge emanated from the front wall and sidewalk of the building that houses a arestaurant on the first floor and a bar on the second floor. Using test strips an ammonia concentration of 1.0 ppm was detected in the flow. However, a dye test was performed from the restaurant's kitchen sink but after 30 minutes 7/6/2015: MSJ did	Wastewater	Street gutter	Unknown	MSJ asked the building owner to hire a plumber and determine if there are any broken pipes inside the building.	Open
7/3/2015 2015-12	MSJ Office of Emergency Management	Sanitary sewer overflow and discharge to nearby creek	Intersection of Santa Brígida and San Genaro Streets	on tial Cupey	Residential	uebrada del Ausi	not find an active sanitary sewer overflow. However there was SSO debri on	Sewage	∍brada Del Aus	PRASA	MSJ notified PRASA Metro Operations of the SSO as soon as the referral from SJ-OEM was received.	Closed
7/4/2015 2015-129	Noelia Rosa (MSJ)	Fuel spill in Castillo San Cristobal (National Park Service)	Muñoz Rivera Avenue (PR-25) near corner with Norzagaray Street	San Cristóbal San Juan Antiguo	Commercial	3ahía de San Jua	7/4/2015: MSJ found remnants of a diesel spill in the access road to National Park Service's Castillo San Cristobal. The source of the spill was a refueling truck that went into the premises. The exact cause for the spill is unknown.	Fuel	Ground	MSJ	MSJ applied absorbent material to remove the diesel from the ground and from an internal storm sewer. The material was removed with a vacuum vehicle.	Open

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7/6/2015 2015-130	lex Rivera (EP <i>i</i>	Sanitary sewer overflow	faut and Marginal Bald	orioty Sti Can	npo Alegre Santurce		Residential	aguna del Conda	7/6/2015: MSJ did not find an active sanitary sewer overflow, but it did observe puddles of what appeared to be wastewater near the sanitary manhole and near a storm sewer inlet in the nearest sidewalk. Inside the sanitary manhole the wastewater flows were within the half pipes, but there were residues of solids on the walls of the manhole structure.	Sewage	Storm sewer	PRASA	MSJ inspected the site after receiving notice from EPA and found the SSO had been controlled.	Closed
7/6/2015 2015-131	lex Rivera (EP <i>i</i>	Sanitary discharge to creek that runs along San Agusting Residential	San Bo Alcides Reyes Deve	Agustin idential elopmen t	Sabana Llana	ı Suı3'51" N, 66º02'1	Residential	ebrada Juan Mer	and EPA found a sanitary manhole at the intersection of Soldado Alcides Reyes and Cabo Roberto Rivera Streets, where an overflow occurred recently. There was sanitary debris on the astreet around the sanitary manhole and on the grate of a nearby storm sewer. MSJ and EPA also detected a dry weather discharge to the unnamed creek that borders the San Agustin Residential	Sewage	Unnamed Creek between San Agustin Residential Development and Balcones de San Juan apartment complex	Balcones de San Juan apartment complex	EPA sent via email to the Balcones de San Juan Administrator a request for documents and compliance actions.	Open
7/6/2015 2015-132	lex Rivera (EP <i>i</i>	Presence of wastewater in the storm sewer system at the intersection of Juan J. Jimenez and Sargento Luis Medina Streets, near Hospital del Maestro. Possible wastewater flow towards the Río Piedras.	Intersection of Juan J. Jimenez and Sargento Luis Medina Streets.	Eleand	or Rooseve Hato Rey No	orte	Commercial	∌brada de los Mu						Received
7/9/2015 2015-13	NRC	Brown sheen in San Antonio Canal near Club Nautico		Isla	a Grande Santurce			Bahía de San Jua	7/9/2015: MSJ visited the location and found out that the sheen reported to the NRC was actually sea weed.	Sea weed	anal San Antor	nio		Closed

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7/9/2015 2015-134lex Rivera	a (EPA Paint seen flowing in storm sewer outfall at the north end of Cervantes Cervantes Street	Condado	Santurce	visited locatio not fin discha residu. Oceano Atlantico Street storm structu constructurio paintin	tion and did ind the paint narge or any dues in the all or nearby et gutters or in sewer etures. No etruction or ting activity identified		Open
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Appendix C to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Advisory Sign Design and Warning Language

MSJ APPENDIX C – Advisory Sign Design and Warning Language

EPA requests that the Defendant post and continuously maintain warning signs at its MS4 outfalls that are discharging sanitary wastewater.

Generally, each sign:

- (1) shall be in substantially the same form as one to be approved by EPA;
- (2) shall measure at least 18 inches tall and 24 inches wide;
- (3) shall be made of a durable, weatherproof material;
- (4) shall be readily visible to the unaided eye from a distance of 100 feet;
- (5) shall, if located within 100 feet of a water body, be visible both from the water and from the land;
- (6) shall describe the nature of the risk of exposure to sewage and contaminated water in bilingual text;
- (7) shall include diagrams indicating that wading, swimming and fishing are prohibited; and
- (8) shall include a telephone number and identification of the entity responsible for placing and maintaining the signs.
- (9) shall state in English: "Possible Sewage Contamination" and in Spanish: "Posible Contaminación de Aguas Negras"



Appendix D to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Monitoring Parameters

MSJ Consent Decree, Appendix D

ecree
quency
arterly
(Estimate)
aily
arterly

Total Organic Carbon	μg /L (ppb)	
Bromochloromethane	μg /L	
Bromodichloromethane	μg /L	
Chlorodibromomethane	μg /L	Quarterly if chemical disinfection is conducted (This monitoring is not required if chemical disinfection is not conducted)
Chloroform	μg/L	
Tribromomethane (bromoform)	μg/L	
Total Trihalomethanes	μg/L	

^{*}All Monitoring and Analysis of the discharge shall be conducted in accordance with the approved procedures specified in 40 CFR (Part 136). Parameter sampling shall be representative of the nature and volume of the discharge and shall be taken at the discharge point or at the pump station influent or pump station wet well, as it be the case.

MSJ Consent Decree Appendix D

Table 2 - MSJ – Other Pump Station (MSJ Other Pump Stations shall include but not be limited to MSJ's Barrio Obrero, Buena Vista Santurce**, Bechara, Puerto Nuevo Northeast and Puerto Nuevo North Pump Stations). A list of any additional MSJ pump stations must be provided upon CD lodging and sampled in accordance with this table.

MSJ shall conduct the sampling below in accordance with the Consent Decree and compare with its fingerprint library and Puerto Rico Water Quality Standards.

Parameter*	Units	Frequency**
Ammonia	mg/L	Quarterly
Biochemical Oxygen Demand	mg/L	Quarterly
Non-Filterable Residue (TSS)	mg/L	Quarterly
Chlorine, Total Residual	mg/l	Quarterly
Fecal Enterococcus	CFU/100mL	Quarterly
Coliform – Fecal	CFU/100mL	Quarterly
Coliform – Total	CFU/100mL	Quarterly
Surfactants	mg/l	Quarterly
рН	SU	Quarterly
Temperature	°C	Quarterly
Flow Rate	Estimate MGD	Monthly
Oil and Grease	mg/L	Quarterly

^{*}All monitoring and analysis of the discharge shall be conducted in accordance with the approved procedures specified in 40 CFR (Part 136). Parameter sampling shall be representative of the nature and volume of the discharge and shall be taken at the discharge point or at the pump station influent or pump station wet well, as it be the case.

^{**} For the Buena Vista Santurce Pump Station (PS) which is currently being operated only by bringing in portable pumps, MSJ shall conduct Quarterly monitoring sampling only when there is a discharge during that specific quarter. If there is no discharge from the Buena Vista Santurce PS during the quarter, then MSJ shall make a note in the required Quarterly Progress Report that there was no discharge during the quarter.

Appendix E to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Reimbursement Claim Form and Procedures

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Appendix E

Procedures Relating to and Reimbursement Claim Form for use pursuant to Para. 15 of Consent Decree with the Puerto Rico Department of Natural and Environmental Resources in United States v. Municipality of San Juan, Puerto Rico Department of Natural and Environmental Resources, Puerto Rico Department of Transportation and Public Works, Puerto Rico Highway and Transportation Authority, and the Commonwealth of Puerto Rico, 14-CV-1476 (CCC)

Procedures: Claims for reimbursement by San Juan, DTPW, and/or HTA must be submitted to the Puerto Rico Department of Natural and Environmental Resources ("DNER") and EPA within forty-five (45) days after each anniversary of the Effective Date of the Consent Decree between the United States and DNER. Except for claims seeking excess funds following completion of Phase IV activities (as contemplated below), only claims for costs incurred in the prior year (from the Effective Date to the first anniversary and each subsequent anniversary, as the case may be) will be considered for reimbursement. Claims must be submitted using the attached Reimbursement Claim Form and include supporting documentation, itemization, and certification. On completion of all Phase IV activities relating to the DNER Pump Station sewersheds and reimbursement of valid claims, excess funds may be disbursed, as determined by EPA, on a pro-rata basis to reimburse as yet unreimbursed, valid claims for work under Phases I through III for the Stage I Work Plans pertaining to the DNER Pump Station sewersheds. Any determinations made by EPA pursuant to this paragraph shall be in its sole discretion. If the Court does not enter the Consent Decree between the United States and DNER, and the time for any appeal of that decision has run or if the Court's denial of entry is upheld on appeal, the monies placed in the Court Registry Account, together with accrued interest thereon (less miscellaneous schedule fees), shall be returned to DNER, unless otherwise ordered by the Court.

Nothing in the DNER Consent Decree or the Consent Decree to which this document is appended shall be construed to limit the Parties to this action from agreeing to a reallocation of funds to be paid into the Court Registry Account and to be available for reimbursement, to effect the timely and efficient completion of the objectives of this Consent Decree. A copy of any request for payment must be sent by email to DNER at the time it is submitted for EPA's consideration. Subject to EPA determination of the validity of the claim for reimbursement, DTPW and HTA (collectively) and San Juan shall be entitled to an initial disbursement of 20% of the amounts in the Court Registry Account and EPA shall allocate the remaining funds in proportion to the amount of subsequent valid claims for reimbursement. Subject to the proceeding sentence, available funds shall be allocated such that between the Effective Date and the sixth anniversary of the first installment payment, not less than 40% of the funds disbursed shall be for physical construction work contemplated by Phase IV activities, thereafter, not less than 80% of the funds disbursed shall be used for such purpose.

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Instructions: Print or type information requested and sign certification before submitting to EPA at the address listed in the Notice provisions of Section XI of the Consent Decree with the Puerto Rico Department of Natural and Environmental Resources.

Claim Information	Number of page	es including	this cover sheet
Name of Party Requesting Reimbursement			
Address			
Telephone Number			
E-mail Address			
Amount of costs incurred (include itemized costs on reverse or attached)			
Identification of Priority Area, Subward, and Phase (I-IV) for which costs were incurred (by Sub-Ward)	Priority Area	Subward	Phase (I-IV)
Amount of reimbursement requested			
Invoices and Backup Documentation Attached?	Yes	No)
(Failure to attach invoices will result in a denial)			
Brief description of Work performed			
Quarterly Report in which elimination of illicit	Cite to applicab	le Quarterly	Report here
discharges or reductions in contaminated flows			
relating to this work are documented			
Certification	so bobalf Lam su	hmitting thi	c claim for
I certify under penalty of law that the party on who reimbursement is entitled to file such claim pursua		_	
matter. I further certify that the party has not been			
information submitted is, to the best of my knowle		•	
aware that there are significant penalties for subm	_		•
fines and imprisonment for knowing violations. I fu	-		
whose behalf I am submitting this form is entitled t	o request reimbu	rsement, th	ere is no guarantee
that the claim will be honored in whole or in part a	nd I understand t	hat any dete	ermination made by
EPA on this claim is in its sole discretion.			
Signature			
Name and Title			

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Itemize	ed Reimbursement Form (attach addition	al copies,	as neede	ed)		Contractor Address, Telephone, E-mail						
Contra	ctor Name											
Work F	Performed for					Project Location/Contract No.						
Descrip	otion			Materi	als	Labor						
Line No.			Qty.	Unit	Total	Hours	Average Rate	Total	Other Direct Costs	Line Total		
Sheet t	otal											

Appendix F to the Consent Decree between the United States and the Municipality of San Juan in U.S. v. Municipality of San Juan, et al., 3:14-CV-1476 (D.P.R.) (CCC)

Tier II Requirements for Stipulated Penalties

APPENDIX F		
Municipality Consent Decree Tier II Requirements		
Tier II Requirements	V.9.a	Implementation of Illicit Discharge Detection and Elimination (IDDE) provisions of the current and any amended SWMP
Tier II Requirements	V.9.b	Submit a new NOI Application and revised SWMP under new MS4 General Permit
Tier II Requirements	V.9.b	Implementation of Illicit Discharge Detection and Elimination (IDDE) provisions of the SWMP under new MS4 General Permit
Tier II Requirements	V.10.b-c	Implementation of Stage I and Stage II Work Plans
Tier II Requirements	V.10.c	Submission of Stage II Work Plan
Non-MinorTier II Requirements	V.10.f	Implementation of Urgent Action Registry activities for the removal of illicit discharges
Tier II Requirements	V.11.b	Implementation of Vacuum Truck Sludge Disposal Plan
Tier II Requirements	V.11.d	Implementation of the Stop 18 Pump Station Plan
Tier II Requirements	V.12	Implementation of Routine Sewer Cleaning Itinerary after Phase II activities are concluded
Tier II Requirements	V.13.b	Implementation of SPCC Plan at Pump Stations
Tier II Requirements	V.14.a	Implementation of Pump Station Effluent Sampling
Tier II Requirements	V.14.b.i-iii	Implementation of the Outfall Reconnaissance Inventory activities