Hurricane Irma 2017
9/12/2017 – 1030 EDT Update

EXECUTIVE SUMMARY

- In PR EPA continues to assist the local water and health departments in prioritizing drinking water facilities needs for Federal assistance. Currently, two communities have been identified in need of generators.

- Major declaration FEMA-4335-DR for all three (3) USVI Islands) 09/07/17. FEMA amended the major disaster declaration to authorize a 90% Federal cost share for debris removal, including DFA (direct federal assistance); and a 100% Federal cost share for emergency protective measures, including DFA, for 30 days from the start of the incident period, and then a 90% Federal cost share thereafter

- In Puerto Rico and the U.S. Virgin Islands four OSC's conducting environmental assessments. Two assessment teams will focus on assessing potentially contaminated debris in conjunction with USACE. Two assessment teams assessing oil and chemical fixed facilities.

- Twelve CID/NCERT agents deploying 9/13 to St, Croix, USVI to coordinate with FEMA ESF #13 and support the security needs of EPA personnel.

- On 9/9 PR Solid Waste Management Authority (SWMA) submitted two requests before the Puerto Rico Agency for the Management of Emergencies and the Administration of Disasters (AEMEAD):

    - for PR SWMA's costs for supporting recovery response related to the management of vegetative wastes, scrap and construction debris, and others managed by municipalities, the PR Department of Transportation and Public Works, PREPA, and other local agencies; and

    - requesting assistance from federal agencies (such as EPA) in the management of household hazardous waste.

- AEMEAD has to approve and submit these requests to FEMA, on behalf of the entire Government of Puerto Rico.

- Through their request, PR SWMA will enter into contracts with composting companies in Puerto Rico that will chip the vegetative materials at regional staging areas in Caguas, Arecibo, Toa Baja, Mayaguez, and Humacao. New regional staging areas will be created upon demand.

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- There are concerns with the landfills of Culebra and Vieques, which have limited capacity. PR will need assistance to manage the vegetative materials in Culebra and Vieques, and this could be a request of support to the USACE's Debris Team.

- PR SWMA is concerned with gasoline or oil tanks that could be discarded by municipalities in the staging areas and how EPA could provide support and input on their management.

PUERTO RICO / U.S. VIRGIN ISLANDS CONDITIONS

US Virgin Islands (USVI):

- VITEMA remains activated. State of Emergency declared; National Guard activated.

- USVI public schools remain closed.

- Juan Luis Hospital in St. Croix, USVI is operational. Schneider Medical Center St. Thomas has catastrophic roof damage.

- All of St. Thomas (19,581 customers) and St. John (2,893 customers) are without power. St. Thomas energized facilities: Airport, Hospital, Charlotte Amalie High School (CAHS), Lockhart Elementary School, Pump Station, and Yacht Haven Grande. Four retail gas stations on STT with generator power are dispensing gas. St. Croix: 25% of customers have no power.

- St. Croix: Henry E. Rohlsen Airport and runway open and operational. St. Thomas: Cyril E King Airport accepting Military aircrafts only, expected online 9/12 for commercial use.

- Status of Major/Primary Roads: St. John - Major damage on coastal roads, Coral Bay Road Route 107 severe, further assessments ongoing. St. Thomas – downed power lines and debris making it difficult to fully assess. St. Croix - damage minimal

- St. Thomas, St. Thomas & St. John 911 systems operational for cell and landline

Puerto Rico (PR):

- Puerto Rico Emergency Management Agency (PREMA) remains activated. State of Emergency remains in effect; National Guard activated.

- Schools and government offices are closed.

- DHS waived the Merchant Marine Act of 1920 ("Jones Act") allowing international vessels to dock at American seaports. Acting DHS Secretary approved the request effective September 8.

- All hospitals are operational.
- 374,044 customers without electrical service (25.45% of population).
- All airports are open.
- 911 service restored for cell phone & landline.

PUBLIC AFFAIRS

The PIO is Elias Rodriguez, who can be reached at 212-637-3664. All press inquiries are directed to him, and coordinated through OPA.

PAD continues to maintain a public facing EPA Response web site at: www.epa.gov/hurricane-irma.

PAD will continue to update the existing webpage. It is possible that we may migrate the information from this web site to a main EPA (Drupal) site, but we are awaiting further discussions with HQ OPA. In the meantime, we will do what we can to post for and support Region 4 content along with our own content. This will get complicated once we start producing data, so we are working on a longer-term plan.

Community Involvement: Two CICs are deployed – one on Monday to Puerto Rico and one leaving todayfor the USVI. In addition, two people from the response corps are being deployed today and will be joining out CICs to help do CIC work.
Public Inquiries:

CEPD assisted PAD get the proper numbers for general public inquiries.

Non-emergency (non 9-1-1) calls from the general public will be directed to two numbers in PR and USVI. This information will be posted to our website.

For complaints, tips, or information requests, please contact:

- Puerto Rico Emergency Management and Disaster Administration Agency (AEMEAD): 787-724-0124
- Virgin Islands Territorial Emergency Management Agency (VITEMA): 340-774-2244

We will track calls coming in to the EPA either through our 800 number (answered in Edison) or through CEPD, PAD or ORA. We have a tracking sheet, which will be distributed today.

Media Inquiries: A news release was issued on 9/10/17. We expect to issue at least one news release a day as we move into the future. PAD will be speaking to OPA about a long term strategy, including discussing whether we continue to issue one release for the entire

hurricane response or we divide the Irma response releases into Caribbean and Southeast US releases. Reporters are directed to email their inquiries to press@epa.gov.

Region 2 – Hurricane Irma Management Objectives

- Protect the health and safety of EPA employees pre-deploying and/or responding to the storm aftermath.
- Integrate EPA response assets with federal, state and local response structures
- Minimize social, political, and economic adverse impacts
- Keep the public, stakeholders and the media informed of response activities
- Protect communities from incident hazards
- Keep communities informed of incident hazards and clean up progress
- Establish communication and briefing schedule with R2 senior executives and EPA Headquarters. Support a consistent communications approach agency-wide, enabling EPA to act and speak in unison during these incidents
- Provide situation reports and other information on schedule provided by RIC
- Secure all NPL and removal sites. Regulated facilities and Superfund and oil sites will be surveyed prior to storm fall if a land impact is expected
- Identify vulnerabilities at regulated facilities
- Address any immediate hazardous substance releases or oil spills resulting from the storm's impact
- Assist state and local agencies in ensuring safety of drinking water systems.
- Monitor air quality when/if necessary in response to conditions on the ground.
- Provide guidance for length of work day and deployments as it pertains to this specific event
- Coordinate logistics with deployed personnel to provide transportation options, lodging, security, ground transportation on site;
- Coordinate national resources to assist the Region;
- Identify clearly defined roles for both Regions and Headquarters;
- The response will use the Region's incident specific Data Management Plan (DMP);
- In collecting, sharing, and analyzing environmental data, EPA will give primacy to data with potential human health consequences;
- EPA will work to ensure that its decision-makers have access to the data and expertise they need to make decisions based on sound science;
- Identify early in the response the long term recovery issues the Agency may be requested to support and determine the resource needs to support and sustain those requests to completion.

DEBRIS RECOVERY

U.S. Army Corps of Engineers and EPA debris team deployed in the USVI. EPA conducted debris assessments 9/11.

EPA coordinating with ACOE, FEMA, and the USCG to develop debris plans with Puerto Rico and USVI. Debris Assessment Teams are deployed in both Puerto Rico and the USVI.

AIR MONITORING

No air monitoring activities.

EMERGENCY RESPONSE

Daily/Cumulative Summary of Hazard Evaluations/Recovery				
Status	**Opened**		**Closed**	
	9/10/2017	**Cumulative**	**9/10/2017**	**Cumulative**
Puerto Rico	5	7	5	7
U.S. Virgin Islands	0	0	0	0
Note: Open means that the target is yet to be recovered. Closed means the target was recovered, left in place, or access was denied to collect the item.				

Daily/Cumulative Summary of Spills/Discharges				
Status	**Opened**		**Closed**	
	9/10/2017	**Cumulative**	**9/10/2017**	**Cumulative**
Puerto Rico	0	0	0	0
U.S. Virgin Islands	0	0	0	0

SUPERFUND NPL, SUPERFUND REMOVAL, AND OIL REMOVAL SITES

EPA assessment teams will continue to assess Superfund and oil sites in Puerto Rico and will begin assessment work today in the U.S Virgin Islands. The Region continues to reach out to all the responsible entities, whether they be our contractors for fund-lead projects or PRPs, for NPL sites, active removal actions and oil response actions, with regard to assessing impacts to the site. Assessment teams will verify site status.

SUPERFUND SITES (NPL, Removal and Oil)						
Puerto Rico						
Site	Type	Phase 1	Phase 2		Phase 3	All Phases Completed
		Post-Storm Assessment	Site Inspection Needed	Inspe cted	Additional Response Action	
Atlantic Fleet Weapons	NPL	09/08/17	No	N/A	No	09/08/17
Juncos Landfill	NPL	09/07/17	No	N/A	No	09/07/17
Upjohn Facility	NPL	09/07/17	No	N/A	No	09/07/17
Arecibo Battery Recycling Corp.	Removal & NPL*	09/05/17	No	N/A	No	09/05/17
Corozal Battery	Removal & NPL*	09/05/17	No	N/A	No	09/05/17
Cabo Rojo Groundwater	NPL	09/11/17	No	N/A	No	09/11/17
Cidra Groundwater	NPL	09/11/17	No	N/A	No	09/11/17

Dorado Groundwater	NPL	09/11/17	No	N/A	No	09/11/17
Fibers Public Supply Wells	NPL	09/11/17	No	N/A	No	09/11/17
Hormigas Groundwater	NPL	09/11/17	No	N/A	No	09/11/17
Maunabo Urbano Public Wells	NPL	09/11/17	No	N/A	No	09/11/17
Papelera Puertoriquena, Inc.	NPL	09/11/17	No	N/A	No	09/11/17
Pesticide Warehouse 1	NPL	09/11/17	No	N/A	No	09/11/17
Pesticide Warehouse III	NPL	09/11/17	No	N/A	No	09/11/17
San German Groundwater	NPL	09/11/17	No	N/A	No	09/11/17
Scorpio Recycling	NPL	09/11/17	No	N/A	No	09/11/17
Vega Alta Public Supply Wells	NPL	09/11/17	No	N/A	No	09/11/17
Vega Baja Solid Waste Disposal	NPL	09/11/17	No	N/A	No	09/11/17
Guayanilla Bay Oil Spill	Oil Response	Not assessed				
Puma Caribe (CAPECO)	Oil Response	09/11/17	No	N/A	No	09/11/17
U.S. VIRGIN ISLANDS						
TUTU Well Field	NPL	09/08/17	No	N/A	No	09/08/17
Crum Bay Oil Spill at WAPA Facility	Oil Response	09/08/17	No	N/A	No	09/08/17
Cruz Bay Oil Tank	Oil Response	09/11/17	Yes			

* These are Sites that have both, a Removal and Remedial program action. Only one assessment will be conducted per Site.

FIELD RESPONSE ACTIVITIES

No major oil spills or threats of releases of hazardous substances have been reported to date. There is widespread damage to boats in marinas and likely widespread smaller oil spills. We are coordinating with Coast Guard to identify any needs for assistance

PUERTO RICO

- In Puerto Rico post-storm assessments continue. Assessment Teams conducting field assessments in Puerto Rico supported by EPA START/RST contractors. Teams are focusing on hazardous substance and oil releases and spills, fixed chemical and oil facilities and drinking water and wastewater facilities.

- On 9/11, Preliminary Damage Assessment Teams assessed two (2) FRP/SPCC facilities and one (1) RMP facility.

- No significant impact from Hurricane Irma was reported by facility contacts or observed by the teams. Some facilities have compromised security mostly due to downed fencing.

- Safety Officer and Community Involvement Coordinator landed safely and have joined the teams.

U.S. VIRGIN ISLANDS

- EPA went to VITEMA EOC on STX. Met with USCG, VITEMA, DPNR and VIWMA personnel.

- VIWMA has not yet identified any debris staging areas on STT/STJ as of 9/11. Cleared debris just pushed off the road at this point. Assessed STX debris collection at Estate Body Slob. Trucks of vegetative debris are rolling in. Platform in place to view truck contents prior to dumping.

- DPNR is staffing EOC on STT and STX. No known issues yet. DPNR trying to get a DPNR vehicle and driver available to transport EPA around STT on a day trip for assessment activities.

- EPA toured Frederiksted and the west end road. Vegetative debris piles are present awaiting pickup.

- Rolloff containers were seen throughout the island staged for residential waste.

- Military flights available from UPS terminal on east end of STX airport. Fixed wing and rotary wing airframes available. Responders sign in, and catch the next available seat.

- STT/STJ curfew from 1800 hrs to 0600 hrs.

- Facility Assessments performed at VI Asphalt and Limetree Terminal. No immediate threats observed at either facility. No spills or issues of concern observed or identified.

The table below displays the teams that have been deployed based on the assessment results in Puerto Rico or the USVI.

Quantity and Types of Teams Deployed 9/10/2017		
Team Type	**Puerto Rico**	**U.S. Virgin Islands**
Assessment Team – All Missions	2	4
Water Assessment	0	0
Hazard Evaluation	2	0
Oil Discharge Assessment	0	0
Container Recovery	0	0
Oil Recovery	0	0
ER/Recovery	0	0
Air Operations	0	0

Contaminated Debris	0	1
Operation Centers (REOC), PREOC, VITEMA, PR IOF, VI IOF	3	2

PUERTO RICO

	CONTAINERS			TOTAL
	Drums (55 Gals)	**Large Containers (<55 gals)**	**Large Containers (>55 gals)**	
9/10/2017	0	0	0	0
Total to Date	0	0	0	0

U.S. VIRGIN ISLANDS

	CONTAINERS			TOTAL
	Drums (55 Gals)	**Large Containers (<55 gals)**	**Large Containers (>55 gals)**	
9/10/2017	0	0	0	0
Total to Date	0	0	0	0

AGENCY COORDINATION

USCG assessing private vessels destroyed by Irma. Fuel oil in the water. They are awaiting cleared roads and the ability to support cleanup personnel before anything can be done. Space to haul out these vessels will be difficult to find.

EPA, USCG, NPFC, and NOAA coordination call scheduled for 9/12 to address ongoing assessments and begin planning joint operations for both PR and USVI.

EPA coordinating with the USCG to use joint staging areas in both PR and USVI for debris and oil and hazardous substance disposal.

We are sharing operational information with the Caribbean Regional Response Team (CRRT) federal, Commonwealth, and U.S. Territory agencies.

SPILL/RELEASE RESPONSE

Hotline Calls as of September 10, 2017	
Number of Irma Related Calls Received During Reporting Period 1300-0100	0
Total Number of Irma Related Calls to Date	0
*** EPA is assessing each call to determine appropriate response and forwarding reports to field personnel to conduct further assessments and response as needed.**	

DRINKING WATER / WASTEWATER

Puerto Rico Drinking Water Status: As of 8 AM on 9/12/17, **3.58%** of the population is without drinking water services. This does not include the non-PRASA systems which account for 4% of the PR population. PR remains under a boil water notice, and we are confirming the scope. PRDOH is back to functionality and is going to start the coordination of inspections to check operational status of the drinking water systems. CEPD/CWD Water Support Group in the REOC is coordinating with PRDOH, FEMA, and the USACE in order to avoid duplication of effort.

PRASA: All PRASA waste water treatment plants are in service. However, 15 of the nearly 800 sanitary pump stations are overflowing sewage due to problems caused by the hurricane. CEPD is coordinating visits to the pump stations, the Dorado WWTP, and the Culebra WWTP as soon as conditions allow.

PREPA: 75% of population with power.

PREPA: All PREPA waste water treatment plants are in service.

Non-PRASA Drinking Water Status: Highlighted systems need assistance. Systems that do not answer the phone will be visited by CEPD starting Wednesday. Information has been shared with PRDHOH and our staff located in the PREOC.

PWS ID No.	System Name	Population	Source	Region	Comments	Status as of
PR0116041	Sistema de Agua Dual Barraza	800	GW	Metro	Phone number not in operation (9/8) (9/11) No response	9/11/2017
PR0132021	Lomas Verdes	130	GW	Metro	Wrong phone number	9/11/2017

PWS ID No.	System Name	Population	Source	Region	Comments	Status as of
	(Watch Tower)					
PR132071	El Dia	1100	GW	Metro	Mr. Bedoya does not work in the PWS anymore. Left message on Mayra Rivera's voice mail.	9/11/2017
PR0207002	Campamento Penal Sabana Hoyos	400	GW	Norte	Wrong number Busy Signal	9/11/2017
PR0207042	Arrozal- Los Muertos	350	GW	Norte	No answer	9/11/2017
PR0207052	Observatorio de Arecibo	100	GW	Norte	Mr. Wilson reported a functional system.	9/11/2017
PR0207062	MSD International GmbHPR Branch	342	GW	Norte	Number not in service	9/11/2017
PR0209012	Pfizer Pharmaceuticals	1400	GW	Norte	Operator not in service. Extension provided is incorrect.	9/11/2017
PR0209032	Abbott Pharmaceuticals PR LTD	1997	GW	Norte	Mr. Juan E. Crespo (Utilities Coach) reported a functional system.	9/11/2017
PR0209092	MSD International GMBH	710	GW	Norte	Mr. Juan E. Crespo (Utilities Coach) reported a functional system.	9/11/2017
PR0209122	Abbott Pharmaceuticals PR LTD	710	GW	Norte	Mr. Juan E. Crespo (Utilities Coach) reported a functional system.	9/11/2017
PR0220042	Pozo Azul Corp.	305	GW	Norte	Not in Service	9/11/2017
PR0242012	Lucas Lugo	40	GW	Norte	Busy Signal	9/11/2017
PR0242052	Asoc. Pro Bienestar Magueyes	140	GW	Norte	Busy Signal	9/11/2017
PR0242062	Vega Acevedo	396	GW	Norte	Busy Signal Busy Signal	9/11/2017
PR0242122	Com. Las Cuarenta	212	GW	Norte	Busy Signal	9/11/2017
PR0247022	Patheon Puerto Rico	300	GW	Norte	Paola Feliú (Utilities Supervisor) reported that they have been connected to PRASA since 1 month ago. According to Paola, a failure in the electricity produced a damage to the Non PRASA pump.	9/11/2017

PWS ID No.	System Name	Population	Source	Region	Comments	Status as of
PR0247032	Warner Chilcott PR LLC	300	GW	Norte	Left message	9/11/2017
PR0247042	Caribe Agrichemicals	380	GW	Norte	Busy signal	9/11/2017
PR0247092	Monasterio Madre De Dios	32	GW	Norte	NO Electricity. System has a generator in place, but there are having problems with the generator. Repairs may be done on Monday.	9/8/2017
PR0272032	Finca William Lugo	60	GW	Norte	Temporary Disconnected Temporary Disconnected	9/11/2017
PR0272282	Finca Carbonell	240	GW	Norte	No phone number provided.	9/11/2017
PR0274012	Pfizer Pharmaceuticals Limited	1500	GW	Norte	Left a message to Jose Aleman & Alexandra Perez. Everything worked appropriately during the emergency with a generator. They received Power yesterday.	9/11/2017
PR0274022	Euro Caribe Packing Company (Mato Santos)	275	GW	Norte	Left message with receptionist, Magda.	9/11/2017
PR0302013	Comunidad Gabino Negron	740	GW	Oeste	Busy Signal Busy Signal	9/11/2017
PR0302023	Jaguey Chiquito	856	GW	Oeste	Contacted Luis Suarez. No electricity as of 9/9/2017. System has a generator that is operating intermittently. Mr Suarez requested EPA to contact him again this afternoon as we had some communication issues. CEPD spoke with Mr. Carrero, still no electricity. Working the system with a small generator. Due to what the generator can do they provide water to part of the community one day, and the next to the rest.	9/11/2017
PR0302033	Quebrada Larga	488	GW	Oeste	Wrong phone number Busy Signal – left message	9/11/2017

PWS ID No.	System Name	Population	Source	Region	Comments	Status as of
PR0302043	La Ceiba	400	GW	Oeste	No response Left message	9/11/2017
PR0302053	Com. Aislada en Desarrollo	440	GW	Oeste	Busy Signal Busy Signal	9/11/2017
PR0302063	Com. Cerro Gordo Sec. El Parque	304	GW	Oeste	Busy Signal	9/11/2017
PR0302073	Escuela Atalaya	270	GW	Oeste	No response	9/11/2017
PR0302083	Proyecto Aguas	412	GW	Oeste	Busy Signal	9/11/2017
PR0303013	Jardin del Atlantico	165	GW	Oeste	Power and water services restored.	9/11/2017
PR0303023	Acued. Correccional Guerrero	1100	GW	Oeste	Busy Signal	9/112017
PR0306023	Corcobada	360	GW	Oeste	Phone number not in service	9/11/2017
PR0306053	Acueducto Rural Bo. Hatillo Anasco	300	GW	Oeste	Not in Service Not in Service Busy Signal	9/11/2017
PR0306083	Humatas Deep Water	170	GW	Oeste	Power and water services restored on 9/8/2017.	9/9/2017
PR0306093	Acued. Rural Daguey Ajies Arriba	840	GW	Oeste	Power restored on 9/8/2017. Community utilized water by gravity from their storage tank.	9/9/2017
PR0351023	Sonador II	800	GW	Oeste	Power restored 09/09/2017. System utilized a generator.	9/9/2017
PR0364083	Hospital de la Concepcion	900	GW	Oeste	System with generator. No power or water issues.	9/9/2017
PR0367013	Acueducto Rural Guacio	189	GW	Oeste	Power and water services restored.	9/11/2017
PR0367053	Acueducto Rural Guadalupe Mart	81	GW	Oeste	No response	9/11/2017
PR0401014	Las Cruces	130	GW	Sur	Wrong phone number	9/11/2017
PR0401024	Guilarte Helechales	219	GW	Sur	Busy Signal No Response No Response	9/11/2017
PR0401034	Pellejas	260	GW	Sur	Talked to Ms. Elena Oquendo. Community with no power and no	9/11/2017

PWS ID No.	System Name	Population	Source	Region	Comments	Status as of
	Adjuntas				water. Utilizing rain water for basic needs.	
PR0401064	Comunidad Palomo	120	GW	Sur	Busy Signal	9/11/2017
PR0401074	Sector Los Hernandez Adjuntas	240	GW	Sur	Talked to Mrs. Rivera 787-317-5281. Community has no water, no power. Need generator. No response on 9/11.	9/09/2017 9/11/2017
PR0401144	Limani	150	GW	Sur	787-829-0933. Community has no power, but has a generator. No response.	9/9/2017 9/11/2017
PR0401234	Garzas Juncos	460	GW	Sur	787-218-4702. Community has no power, but has a generator. No response.	9/9/2017 9/11/2017
PR0401284	Juan Gonzalez	500	GW	Sur	Busy Signal Busy Signal	9/9/2017 9/11/2017
PR0422014	Asociacion Residente San Diego Coamo	368	GW	Sur	No response Power and water services restored.	9/9/2017 9/11/2017
PR0422084	Coamo Arriba	340	GW	Sur	No response No response	9/9/2017 9/11/2017
PR0422094	Comunidad Monteria	360	GW	Sur	No response No response	9/9/2017 9/11/2017
PR0455054	Fca. Geraldo Pagan	680	GW	Sur	No response No response	9/9/2017 9/11/2017
PR0455114	Comunidad Sabana	720	GW	Sur	Temporary Disconnected Temporary Disconnected	9/9/2017 9/11/2017
PR0455134	Pellejas Galleras	25	GW	Sur	Busy Signal Apparent disconnection	9/9/2017 9/11/2017
PR0455164	Pellejas II	500	GW	Sur	No power, no water service. Need generator. Not in service. No response.	9/9/2017 9/11/2017 9/11/2017
PR0455214	El Perico II	88	GW	Sur	No response	9/9/2017

PWS ID No.	System Name	Population	Source	Region	Comments	Status as of
					No response.	9/11/2017
PR0455234	Damian Arriba	320	GW		787-867-1878 Mrs. Rivera. No power, no water services. System has a generator, but use it intermittently as they don't have problems obtaining gas. No water and power services.	9/9/2017 9/11/2017
PR0666056	La Cuchilla	400	GW		New President is Efrain De Jesus Rivas. Community has no water, no electricity. EPA provided information on location of PRASA oasis. No response.	9/11/2017

USVI Drinking Water Status: No new updates

USVI Wastewater: The 8 municipal wastewater treatment plants are in service. DPNR is contacting facilities and will provide updates. No significant damage or operational issues have been reported regarding major facilities on St. Croix. Still collecting information regarding St. Thomas and St. John. No information on sanitary pump stations. CEPD will request the OSCs deployed in St. Thomas to assess the wastewater treatment plants and pump stations. CEPD has a call scheduled with DPNR personal this afternoon to strategize assessments and get further updates.

REGULATED FACILITIES

The Regulated Facility Team (RFT) continues to receive email and telephone responses to EPA's post-Irma facility damage, oil spill, and chemical release assessment efforts. As facility personnel obtain access to their facilities they continue to report no spills, no chemical releases, and no upset conditions. High risk facilities in Puerto Rico and the US Virgin Islands, such as Puma, Limetree Bay, PRASA, and WAPA have reported no significant damage to their oil and/or chemical operations. The RFT has contacted the VI DPNR and provided a brief update on the status of major oil and chemical facilities that have responded to the post-impact damage assessment/oil spill/chemical release mass email and phone calls. The RFT is prepared to provide technical assistance to field assessment teams currently being deployed.

Puerto Rico

Facility Type	Sites Identified	Pre-Storm Assessment	Post Storm Assessment	Post Storm Field Assessment	Follow-up Action Required
RMP	1	1*	1^	1	0
FRP	6	6*	6^	6	0
SPCC (non-FRP)	57#	57#*	5^	5	0
Total	64#	64#	12^	12	0

^ Based on Post-Hurricane oil spill/chemical release/damage assessment email and phone calls. No facilities have reported oil spills, chemical releases, or upset/damage conditions that could lead to oil spill or chemical release.

There is no SPCC submission requirement. This number reflects the number of known non-FRP SPCC facilities that are believed to be active based on inspection history.

Facility Type	Sites Identified	Pre-Storm Assessment	Post Storm Assessment	Post Storm Field Assessment	Follow-up Action Required
RMP	1	1*	1^	1	0
FRP	6	6*	6^	6	0
SPCC (non-FRP)	57#	57#*	5^	5	0
Total	64#	64#	12^	12	0

* Pre-Hurricane email requested facilities to self-identify any pre-existing compromised conditions (construction at process areas, tank maintenance, etc.). No facilities reported pre-existing compromised conditions.

^ Based on Post-Hurricane oil spill/chemical release/damage assessment email and phone calls. No facilities have reported oil spills, chemical releases, or upset/damage conditions that could lead to oil spill or chemical release.

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EPA RESOURCES

Personnel	EPA Edison, NJ NYC San Juan, PR	FEMA RRCC Colts Neck, NJ	Puerto Rico Deployments	USVI Deployments	Totals
EPA	56	1	6	5	68
START/ RST	9	0	2	4	15
ERRS	4	0	0	0	4

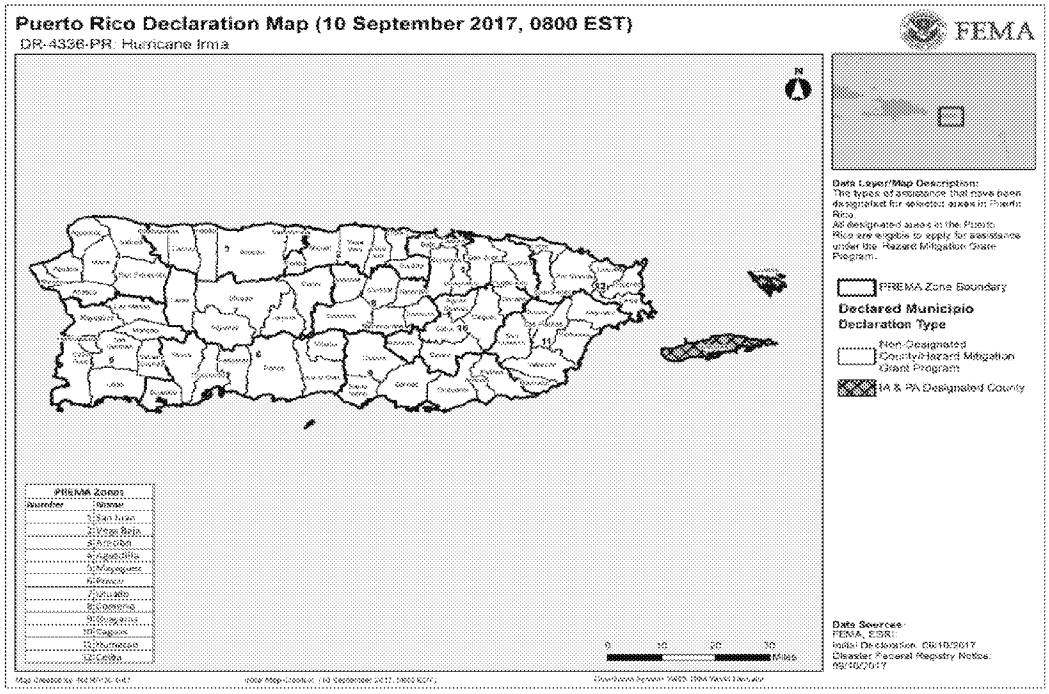
Other Contractors	0	0	0	0	0
Totals	69	1	6	7	87

DECLARATIONS

Puerto Rico.

Emergency Declaration FEMA-3384-EM effective September 5. Assistance is for all 78 municipalities in the Commonwealth of PR. The Governor of Puerto Rico requested a disaster declaration 9/8.

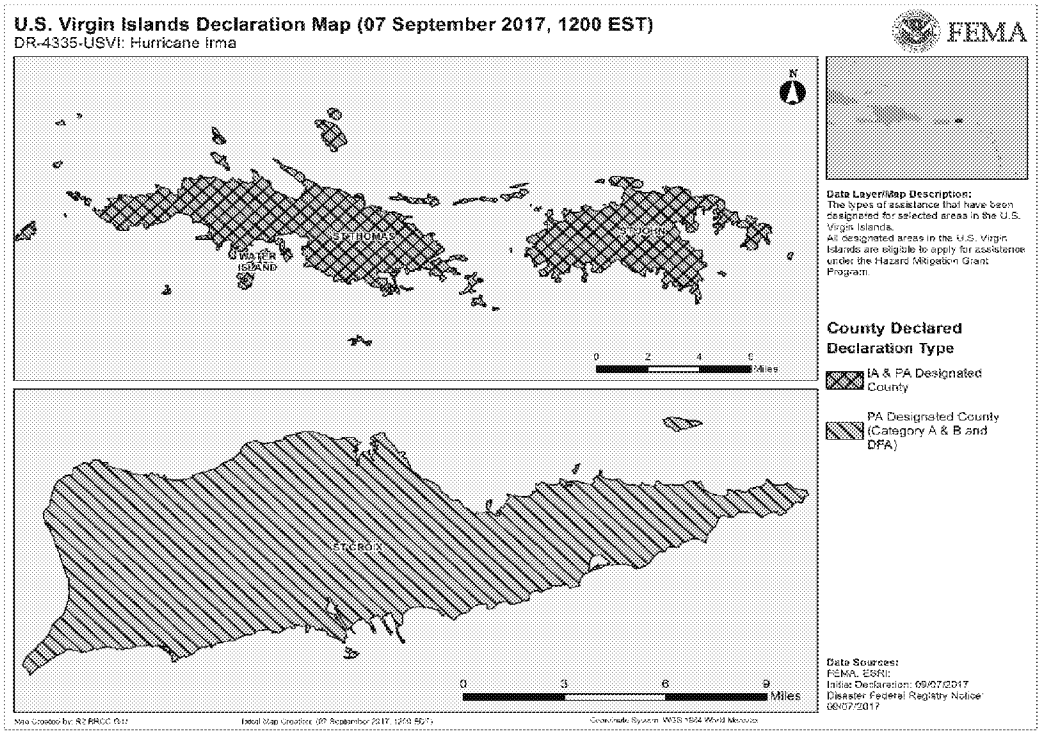
Disaster Declaration effective September 9. Declared areas only include Culebra and Vieques.



U.S. Virgin Islands.

Disaster Declaration FEMA-4335-DR effective September 7, 2017. St. Thomas and St. John approved for Individual Assistance, all islands eligible for Public Assistance and the Hazard Mitigation Grant Program.

Emergency Declaration FEMA-3383-EM effective September 5. Assistance is for all islands in the Territory of the USVI.



FUNDING

Mission Assignment Number	Purpose	Start Date	End Date	Total Amount	Indirect Costs	Amt. Available (after indirect rate)	Daily Burn Rate	Used	Balance
VI-17090102-EPA-01	Activate EPA to FEMA R2 RRC in Colts Neck, NJ to support FEMA response ops	9/2/2017	9/11/2017	$10,000	$1,046	$8,954	$1,080	$8,954	$0
4335DR-VI-EPA-01	Activate EPA to FEMA R2 RRC in Colts Neck, NJ to support FEMA response ops	9/7/2017	10/7/2017	$100,000	$10,466	$89,534	$1,080	$2,160	$87,374
3383EM-VI-EPA-01	Activate EPA to FEMA RRCC, JFO, EPA REOC, State EOC, PDA and NRA Teams and other coordination venues to support FEMA response ops in VI	9/7/2017	9/16/2017	$75,000	$7,850	$67,150	$76,800	$302,400	**($235,250)**

4335DR-VI-EPA-02	To perform **assessment** of oil and hazardous materials releases, contaminated debris and other environmental events following landfall in **VI**	9/7/2017	9/30/2017	$508,000	$53,170	$454,830	$13,200	$52,800	$402,030
PR-17090102-EPA-01	Activate EPA to FEMA R2 RRC and other locations as necessary for PR. For REOC pre-landfall costs.	9/1/2017	9/11/2017	$20,000	$2,093	$17,907	$ -	$17,907	$0
3384EM-PR-EPA-01	Activate EPA to FEMA R2 RRCC, EPA REOC, State EOC, JFO, PDA, and RNA Teams and other coordination venues to support FEMA response ops in PR	9/6/2017	9/16/2017	$75,000	$7,850	$67,150	$9,600	$48,000	$19,150
3384EM-PR-EPA-03	To perform **assessment** of oil and hazardous materials releases, contaminated debris and other environmental events following landfall in **PR**	9/9/2017	9/30/2017	$508,000	$53,170	$454,830	$10,800	$32,400	$422,430

FUEL WAIVERS

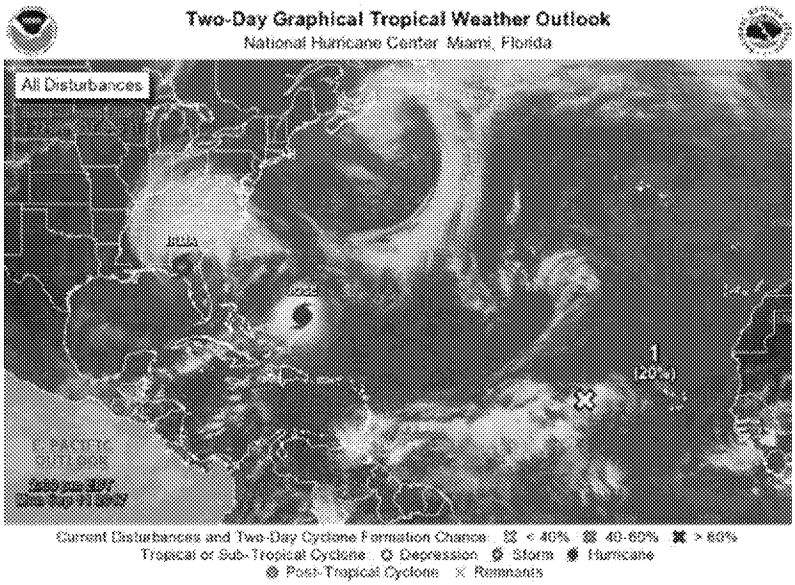
Fuel waivers are not needed for PR or USVI.

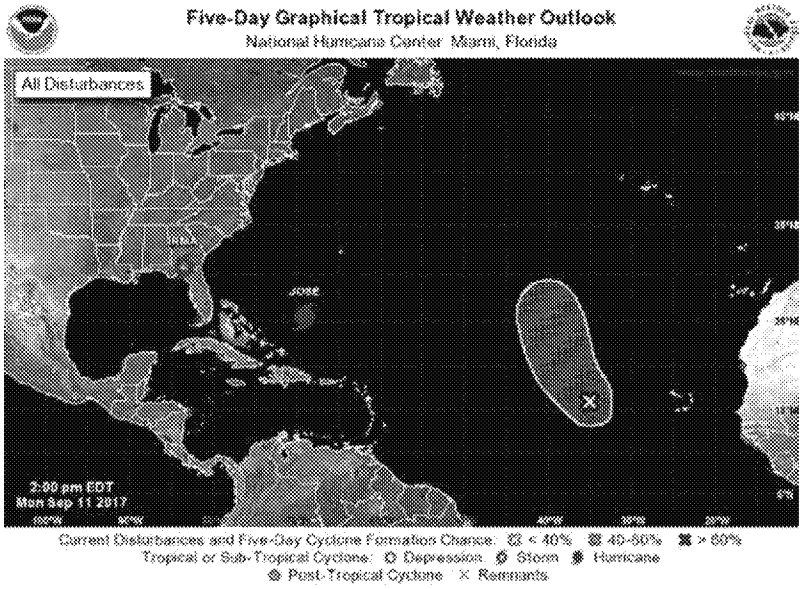
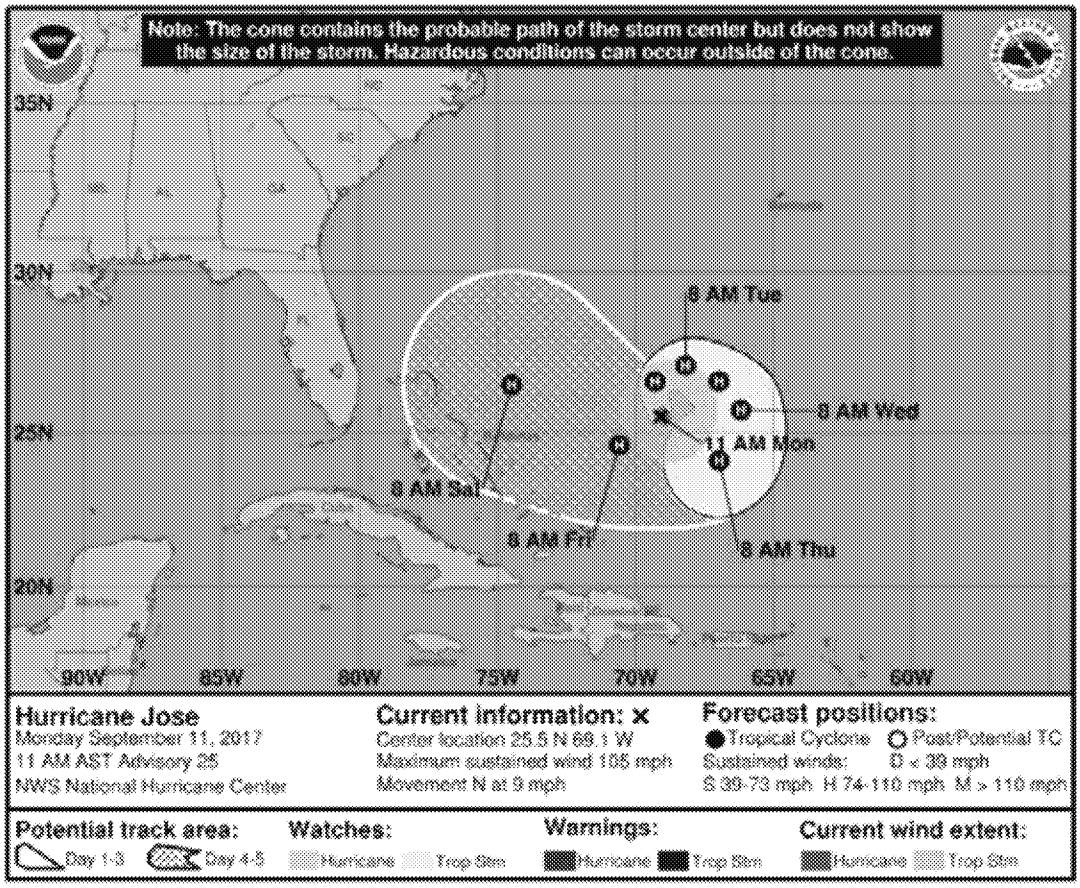
LONG RANGE PLANNING

- **National Disaster Recovery Framework (NDRF) Activities**. FEMA has begun long range recovery planning and is in contact with the EPA Office of the Administrator's (OA) disaster recovery coordinator. The Acting Regional Administrator is Region 2's Federal Disaster Recovery Coordinator with CASD providing support. CASD is in communication with the OA and is working with CEPD and the other divisions to identify Region 2 contacts for the six Recovery Support Function (RSF) areas: 1.)

Community Planning and Capacity Building, 2.) Economic Recovery, 3.) Health and Social Services, 4.) Housing Recovery, 5.) Infrastructure Systems, and 6.) Natural and Cultural Resources. This work will assist the Agency to identify potential recovery challenges and plan for resiliency. EPA Region 2 disaster response and recovery personnel are coordinating and will share our Irma data collection and results of our assessment efforts.

- **Additional Threats**. No additional storm threats to impact the U.S. Caribbean.





- **Hurricane Jose**. At 9/11 11:00AM AST, the center of Hurricane Jose was moving toward the north at 9 mph. A NE turn is expected tonight, followed by a slower motion toward the SE Tuesday and Tuesday night. Maximum sustained winds are near 105 mph with higher gusts. Some weakening is forecast during the next 48 hours. Hurricane-force winds extend outward up to 25 miles from the center and tropical-storm-force winds extend outward up to 140 miles.