U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Typhoon Soudelor - Polrep/Sitrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IX

Subject: **SITREP #13**
Progress
Typhoon Soudelor

Saipan, MP
Latitude: 15.1778010 Longitude: 145.7509670

To:
Thru: Pete Guria, Area Commander
From: Jeremy Johnstone, Situation Unit Leader
Date: 8/17/2015
Reporting Period: 8/17/15 through mid-afternoon (ChST)

Executive Summary

EPA is working under 4 Mission Assignments from FEMA to date:
1) For activation and coordination ($60,000);
2) Subject matter experts (SMEs) for water ($60,000);
3) SME for debris management and household hazardous waste (HHW) planning ($60,000); and
4) Direct Federal Assistance to collect, stage and dispose of downed and damaged transformers ($1,000,000).

ESF-10 also received an MA tasking USCG for a Liaison to the IMAT/EOC on CNMI;

An MA for collection of HHW is in process and is expected in the coming days.

Tropical Storm Goni passed south of Saipan with sustained winds of up to 70 mph, which was below typhoon strength. Due to the storm, all operations and the FEMA EOC were shut down on Sunday, 8/16 (Saipan time). Field work on Saipan returned to normal on Monday.

Unless specified otherwise all dates & times are in Pacific Daylight Time (PDT).

1. Introduction

1.1 Background

Site Number:	NA	**Contract Number:**	NA
D.O. Number:	NA	**Action Memo Date:**	
Response Authority:	Stafford Act	**Response Type:**	Emergency
Response Lead:	FEMA	**Incident Category:**	Removal Action
NPL Status:		**Operable Unit:**	NA
Mobilization Date:	8/3/2015	**Start Date:**	
Demob Date:		**Completion Date:**	
CERCLIS ID:	NA	**RCRIS ID:**	NA
ERNS No.:	NA	**State Notification:**	NA

1.1.1 Incident Category

Stafford Act

1.1.2 Site Description

See initial (8/4/15) SitRep

1.1.2.1 Location

Saipan, CNMI

1.1.2.2 Description of Threat

See initial (8/4/15) SitRep

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

1.2 Incident Objectives

Field Objectives:
1. Ensure the health and safety of responders
2. Minimize risk to the public and public health from typhoon impacts
3. Address environmental impacts of typhoon on CNMI
4. Support long-term recovery of CNMI from typhoon

EOC Objectives:
1. Ensure the health and safety of responders.
2. Support the EPA response to Typhoon Soudelor.
3. Provide information related to the response to EPA Region 9 and other stakeholders.
4. Identify and assign staff and other resources as needed to support the response.
5. Coordinate with FEMA on Mission Assignments, funding, logistical and other issues.
6. Address regulatory or technical issues related to environmental concerns.

1.3 Critical Resource Needs

None at the present time. However, communications and internet connectivity remain a significant issue on Saipan, which along with the difference in time zones further hampers communications between EOC & field personnel.

Lodging for responders continues to be a major constraint, with some hotels damaged and unable to supply potable water.

1.4 Strategic Considerations

None

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

2.1.2 Response Actions this Reporting Period

2.1.2.a - SMEs for Support of Water Functionality Task Force

CUC Water:
Prior to the arrival of TS Goni CUC reporeted potable water production at 3.9 MGD. However, all generators had been turned off in anticipation of Goni's arrival. EOC reports that USACE began to reconnect, fuel and start the generators, though it took nearly 1 hour per generator, making progress slow. As generators switched on, the wells started up and began filling tanks. Chalan Kiya has 24-hr water distribution.

Navy Hill tank, fed by Calhoun wells with a CUC generator, is still providing water to hospital.

CUC restarted rotation of distribution of piped water to villages today.

The Water Task Force revisited 14 bottled water and ice companies to survey operational status today. There has been a setback in operational capacity since the storm passed through and there was an interruption in CUC water delivery.

Emergency Water Distribution Points:
The 4 CUC sanitation water filling stations at As Teo, Kanat Tabla, Capital Hill, and Navy Hill opened today from 12pm-7pm. The USMC drinking water distribution operations are scheduled to demobilize tomorrow, 8/18.

Wastewater:
There have been minor wastewater spills at lift stations W-8, S-8 and SR-2. As per the CUC priority list, USACE worked on generators for lift stations today. Lift Stations SR-2 and S-9 are operational, awaiting generator connection at S-8.

2.1.2.b - SME for debris removal planning support

No new information at this time.

2.1.2.c - Downed Transformers

EPA's ERRS contractor has arranged for clean soil to be brought to the staging area at CUC Power Plant 1 on Tuesday, as well as the necessary heavy equipment to spread and compact the soil to serve as a base for transformer storage.

EPA met again with CUC on the assessment protocol they have developed jointly and did field tests with it, using the protocol to assess downed transformers in the Garapan area. The field tests focused on Feeder 2, which CUC has identified as a priority. EPA added an elementary school (on Feeder 1) to the priority list for assessment, due to having observed broken transformers in the school yard.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

NA

2.1.4 Progress Metrics

2.2 Planning Section

2.2.1 Anticipated Activities

In the next operational period, EPA anticipates continuing to identify additional resources to deploy to CNMI as well as communicating with and supporting our field personnel.

2.2.1.1 Planned Response Activities

2.2.1.1.a - Water Functionality Task Force

Continue to provide technical assistance to BECQ and CUC regarding recovery of the drinking water supply system. Continue to coordinate with and provide technical assistance to CUC on the wastewater system recovery.

2.2.1.1.b - Debris removal planning support

Continue to provide support to FEMA, USACOE, and local agencies on debris collection and disposal.

2.2.1.1.c - Downed Transformers

Region 9 START and ERRS contractors have been activated under the MA for transformer collection, and several of them have arrived on Saipan. START will assist with sampling support and assessment of areas impacted by transformer oil releases. ERRS will support collection of transformers, using primarily on-island subcontractors. USCG Pacific Strike Team staff have been extended to support ESF-10 efforts.

2.2.1.2 Next Steps

See above

2.2.2 Issues

2.3 Logistics Section

Not activated

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

None assigned

2.5.2 Liaison Officer

Lance Richman is available to provide additional support to the ESF-10 desk on Saipan.

2.5.3 Information Officer

None assigned

3. Participating Entities

3.1 Unified Command

NA

3.2 Cooperating Agencies

CNMI Bureau of Environmental and Coastal Quality (BECQ)

CNMI Commonwealth Utility Commission (CUC)

CNMI Dept. of Public Works (DPW)

USACOE

USCG

FEMA

4. Personnel On Site

Name	Position	Email	Telephone
Chris Weden	OSC	weden.christopher@epa.gov	415-971-6962 (c)
Marty Powell	OSC	powell.martin@epa.gov	415-816-6314 (c)
Michelle Rogow	OSC	rogow.michelle@epa.gov	415-595-8347 (c)
Kevin Ryan	Water Team	ryan.kevin@epa.gov	670 483 0754 (c)
Andrew Sallach	Water Team	sallach.andrew@epa.gov	670 483 6460 (c)
Janice Witul	ESF10	witul.janice@epa.gov	415-816-6582 (c)

Also:
5 USCG PST
2 ERRS
2 START

Dale Becker, R10 OSC deploys Mon 17 Aug to replace Janice Witul as the ESF-10 liaison to the FEMA EOC.
Norwood Scott from R9 deploys Tues 18 Aug to serve as the SME under the Debris Removal MA.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.