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ST. JOHN METHYL BROMIDE
ER

DCN# RST 3-01-1384

Rite in the Rain®
ALL-WEATHER
JOURNAL
№ 391

BOOK 2 OF ____

St. John Methyl Bromide ER Monday, 4/27/15

0900 RST3 team member Bernard Nwosu arrived at the FedEx office located within the Charlotte Amalie Airport Complex in St. Thomas to pick up shipment of supplies. (BN)

0915 RST3 Nwosu contacted EPA OSC G. Garrison to determine status of events for the day. (BN)

+ 1000 G. Garrison arrives FedEx with Raj Singhvi (EPA Region II) to pick up shipment (BN)

1040 All depart for Car Ferry terminal to St. John. (BN)

1100 RST3 and EPA boarded car ferry for St. John. (BN)

1200 All arrived at the Sirenusa resort complex. (BN)

Weather: Mostly cloudy, 81°F, forcasted high of 85°F, Wind at 17mph from ESE, forcasted gust of 23mph from ESE. Humidity was at 83% and pressure was 29.9". (BN)

1205 Garrison contacted the management of
+ the complex for access into 'J' lower, the building where the methylbromide was applied. The doors and window were shut but unlocked.

1254 Garrison accessed the building without any PPE, but monitored the air with a

Samuel Arm

St. John Methy Bromide ER Monday, 4/27/15

Calibrated MultiRae Pro unit. VOC reading inside the building was background at 30ppb. (BN)

1320 RST3 and R. Singhvi (BN) accessed the building to install fans, dehumidifiers and an air
+ purifier (IQ Air)

1330 All departed the complex for a hardware store to procure supplies. (BN)

Objective/Scope: EPA/SERAS to conduct addition air sampling & venting of the building
+ J lower.

1530 SERAS team arrived, Joe Brandine and Josie Yousefan met with EPA at the Complex.

+ 1555 EPA and SERAS accessed building "J" (BN) Lower and collected 2 grab Summa air samples.

1625 RST3 wrapped some of the seat cushions and pillows in a plastic bag and sealed the bag with duct tape. RST3 wrapped one complete sofa with one pillow in a plastic sheeting and sealed every space with duct tape. EPA plans to ~~conduct~~ (BN) obtain a headspace reading of the sofa, pillows and cushion after at ~~12 hour~~ (BN) least 12 hours the next day.

~~1630~~ (BN)

Samuel Arm

Rite in the Rain

St. John's Methyl Bromide ER Monday, 4/27/15

1630 All departed the complex for the ferry terminal back to St. Thomas. (BN)

1830 RST3 arrived back at the Green Iguana hotel. End of day.

Bernard Nwosu

St. John Methyl Bromide ER Tuesday 4/28/15

0900 RST3 team member Bernard Nwosu (BN) arrived at the airport FedEx office, picked up one cooler of supplies. (BN)

0915 RST3 BN departed for the Red Hook ferry terminal. (BN)

1000 BN arrived at the ferry terminal. While waiting for the ferry to depart BN calibrated MultiRae Pro S/N MQ1FAQ1714. Fresh air calibration was done using an active carbon filter. All sensors passed the fresh air calibration.

Parameter	Fresh Air Cal		Multi Sensor Cal
O_2 (18%)	29.9%	Pass	18
LEL (50%)	0	Pass	48
CO (50ppm)	0	Pass	50
H_2S (25ppm)	0	Pass	25.3
VOC (10ppm)	10ppb	Pass	99.40
	Background		

1125 RST3, EPA (G. Garrison + R. Singhvi), and SERAS (J. Brandine & Josie Yousefan) arrived at the Sirenusa Resort Complex to continue ER activities. (BN)

Weather was partly cloudy, 83°F, Wind at 14mph from ESE, humidity at 88%, pressure 29.9". (BN)

Rite in the Rain

St. John Methyl Bromide ER 4/28/15

1201 SERAS collected one Summa ambient air sample in front of building lower. background PID reading was between 0 – 30 ppb. (BN)

1315 The management of the Serenusa complex replaced 3 HVAC air filters in the utilities room of building J lower. SERAS selected 2 windows in the north west room to install an air expeller. (BN) Plastic sheets were placed around each window frame and sealed with duct tape. A hole was created in the sheets to pass the air duct out. The extra space around the air duct was sealed unto the plastic sheet with duct tape (BN)

1330 SERAS completed the installation of the air expellers and turned them on. EPA and RST3 collected headspace reading from the bag containing pillows EPA PID = 70 ppb, RST3 PID = 100 ppb. EPA and RST3 collected headspace reading from couch. EPA PID = 70 ppb RST3 PID = 90 ppb

1400 All departed the Condo Complex for Cruz Bay Ferry terminal. (BN)

1550 RST3 arrived back at Green Iguana Hotel

Bernard Nwosu

St. John Methyl Bromide ER 4/29/15

0800 RST3 team member Bernard Nwosu (BN) departed the Green Iguana Hotel for the Red Hook ferry terminal. (BN)

0845 BN arrived at the ferry terminal. (BN)

0900 BN boarded ferry for Cruz Bay, St. John ferry terminal. (BN)

0940 BN arrived at St. John. (BN)

Weather was partly cloudy, 83°F. Wind was 11 mph from ESE, Humidity 75% pressure 29.9". (BN)

1030 EPA, RST3, and SERA arrived at the Serenusa Condo complex (BN)

Personnel: EPA OSC G. Garrison; Raj Singhvi (EPA), Joe Brandine and Josie Yousefan (SERAS) (BN)

1045 G. Garrison obtained access to building J lower. SERAS uninstalled one air expeller from the north west room and began to install it in the north east room. (BN)

1130 EPA OSC and RST3 moved out 2 mattresses from building J lower and 2 box springs. These items were placed on plastic sheets outside the building to air them out. (BN)

Bernard Nwosu

EPA (Raj Singhvi & G. Garrison)

1215 ~~SERAS~~ (BW) collected One ambient are summa sample ~~at building J upper~~ (BW) at the upper level of the Condo Complex

1430 SERAS uninstalled the air expeller in the northeast room and replaced it with a floor fan which was elevated on a table and positioned by the window to expel air when it was turned on. The air expeller was moved to the living room area and installed at (BW) on the pattio door. The door was wrapped with poly sheets and sealed with duct tape. The air duct was passed through a hole in the plastic sheet which was also sealed with duct tape.

1600 RST3, SERAS & EPA removed all porous chairs cushions, pillows, and couches to the outside pattio of building J lower to air them out. The matterasses that were placed outside were wrapped together in plastic sheets and sealed with duct tape. A headspace reading will be collected the next day.

1645 All depart the Condo Complex

[signature]

for the Cruz Bay ferry terminal. — (BW)

1745 RST3 arrived at St. Thomas ferry terminal. — (BW)

1830 RST3 arrived at the Green Iguana Hotel. End of day — BW

Note: All the fans inside — (BW) building J lower were left — (BW) on. The dehumidifiers were — (BW) turned off. The air purifier — (BW) was turned off — (BW)

(BW)

[signature]

Rite in the Rain

St. John Methyl Bromide ER 4/30/15

0730 RST3 Bernard Nwosu (BN) departed the Green Iguana Hotel for Fedex office located at the airport. (BN)

0900 BN arrived at Fedex to slip out one DG tote and two coolers of field supplies

1045 BN arrived at the ferry terminal for St. John. (BN)

1230 BN arrived at St. John. (BN)

Weather was Mostly Cloudy, wind at 9mph from South, gust at 11mph from South, humidity at 70%, and pressure 30". (BN)

1300 BN arrived at the Sirenusa Condo complex. (BN) Upon arrival, EPA OSC G. Garrison and Raj Singhvi (EPA) were are building J lower. OSC Garrison informed RST3 BN that there has been a change in plans and that RST3 will not be needed onsite for the rest of the day. Observations made by RST3 at building J lower indicate that all the porous materials left outside to air out the previous day were still secure, and in good condition, without damage, and untampered. (BN)

~~1315~~ (BN) Bernard Nwosu

St. John Methyl bromide ER 4/30/15

1315 RST3 departed the condo complex for the ferry terminal to St. Thomas. (BN)

1500 RST3 arrived back at the Green Iguana Hotel. End of entry (BN)

Bernard Nwosu

Rite in the Rain

St. John Mettyl Bromide ER 5/1/15

0900 RST3 team member Bernard Nwosy (BN) departed the Green Iguana Hotel for the Red Hook ferry terminal enroute to St. John. (BN)

1015 BN arrived at the ferry terminal

1100 BN arrived at St. John. Weather was Sunny, clear 81°F, forcasted high of 84°F. Humidity was 78%, wind from SE at 15 mph, gust at 25 mph from SE. (BN)

1130 OSC Geoffery Garrison instructed BN to change return flight for May 2, 2015. BN was requested to transport two Summa canisters to New Jersey and relinquish the Summa air samples to Gerald Ball (SERAS) at the Newark International Airport. (BN)

1300 BN completed flight change.

1330 BN arrived at the Sirenuss Condo Complex. (BN)

Objectives: Wrap all porous ~~materials~~ furniture inside building J lower and place them outside. Wrapping was to protect the furniture from rain. In addition RST3 was to provide (BN)

St. John Mettyl Bromide ER 5/1/15

Support to SERAS during Summa air samples. Also present on-site were Josie Yousefan (SERAS) and Raj Singhvi (EPA) (BN)

1515 SERAS deployed 4 Summa air canisters in building J lower. One Summa canister ~~each~~ was placed in each of the two bedrooms and one Summa canister was placed in the living room/Kitchen area. One ~~ambient~~ Summa air ~~sample~~ canister (BN) was place outside on a patio table at the north east corner to collect an ambient air sample. All the Summa canisters were deployed for a 24 hr sampling period. (BN)

1530 SERAS Relinquished ~~three~~ two Summa air samples to RST3 for transportation to New Jersey the next day. The air samples were collected ~~today~~ as grab

1545 All departed the site for the Ferry terminal. (BN)

1730 RST3 arrived the Bluebeard Hotel. End of day/entry. (BN)

Bernard Nwosy

Rain in the Rain

St. John Methyl Bromide ER 5/2/15

0800 RST3 team member Bernard Nwosu departed the Bluebeard Hotel for the St. Thomas airport via the car rental company. (BN)

0820 RST3 Nwosu arrived at Dependable Car Rental and dropped off rental car. (BN)

0850 (BN) RST arrived at the St. Thomas airport. (BN)

1215 RST departed St. Thomas Airport

1650 RST3 arrived Newark Airport

1730 RST3 relinquished Summa air samples to Gerald Ball (SEPAS). and departed for his home. End of day/Entry (BN)

Rite in the Rain