## Mattison, David

**From:** Jones, Walker <Walker.Jones@amecfw.com>
**Sent:** Monday, October 10, 2016 9:15 AM
**To:** Gregory Graves; Daniel Dabkowski; Richard Moore; Mattison, David; Urquhart-Foster, Samantha (Urquhart-Foster.Samantha@epa.gov)
**Cc:** Prashant.Gupta@Honeywell.com; Richard Moore; Joseph Keller; Draper, Cynthia E; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Kimberly.Fail@ipaper.com; Charles-Smith, Kim; Pruneau, Chris
**Subject:** RE: Hurricane Matthew sit rep; 10-09-2016 (AM) - LCP Holtrachem

Greg/Danny/Richard & the GES team,
Thank you for the reporting/tracking information and maintaining the treatment system and facility operations through Hurricane Mathew! This was a challenging storm for you guys, but through your hard work we were able to avoid an event.

All,
As I discussed with Greg this morning, the facility did not suffer any major damage. The ponds remain intact and no releases occurred from the retention basins or the main facility area. The liners that contain the stock piles on site are intact with no damage. The basins are currently close to being full, however, the 5-day forecast calls for sunny conditions with little to no rain. Subsequently, GES will continue to run the treatment system on a 24-hr basis to reduce the water levels to more normal operating conditions. Please let me know if you have any questions or require additional information in this regard.

I hope that everyone who was impacted by this storm was spared any serious damage or injury. Good luck with any recovery efforts and as always be careful and use safe practices.

Thanks again,
Walker

**B. Walker Jones**
Amec Foster Wheeler
(910) 444-2979 O
(910) 352-5789 M

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**From:** Daniel Dabkowski [mailto:DDabkowski@gesonline.com]
**Sent:** Sunday, October 09, 2016 8:00 AM
**To:** Mattison, David (david.mattison@ncdenr.gov) <david.mattison@ncdenr.gov>; Urquhart-Foster, Samantha (Urquhart-Foster.Samantha@epa.gov) <Urquhart-Foster.Samantha@epa.gov>
**Cc:** Prashant.Gupta@Honeywell.com; Richard Moore <RMoore@gesonline.com>; Joseph Keller <JKeller@gesonline.com>; Draper, Cynthia E <Cynthia.Draper@amecfw.com>; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Jones, Walker <Walker.Jones@amecfw.com>; Gregory Graves <GGraves@gesonline.com>
**Subject:** FW: Hurricane Matthew sit rep; 10-09-2016 (AM) - LCP Holtrachem

Good morning Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site as of about 8:00 am this morning.

As of the 5 am National Hurricane Center interim update, the projected path of Hurricane Matthew has remained similar to prior forecasts. The projection indicates the hurricane will continue to move east off of the North Carolina coast with the center of the storm currently northeast of the Wilmington Area.

Currently the predicted rainfall amounts have remained consistent for the coastal North Carolina area. They currently are: Saturday 14" fallen and no rain projected in the current 10-day forecast.

Emergency preparations are still in effect at the site. Currently we have Jason Graham onsite operating the plant and providing updates about site conditions. Current pond freeboard levels are as follows:

South Pond – 0.0' (pond full)
North Pont - 3'

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time. GES is currently operating the system and will operate the system through Sunday afternoon and will resume normal operations Monday morning.

At this time, we do not think that we need to engage International Paper to assist with water discharge.

Since the storm has passed, this will be the last update on site conditions.

Daniel Dabkowski
Groundwater & Environmental Services, Inc
866-765-4851 extension 4523
ddabkowski@gesonline.com

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**From:** Daniel Dabkowski
**Sent:** Saturday, October 8, 2016 1:55 PM
**To:** Mattison, David (david.mattison@ncdenr.gov) <david.mattison@ncdenr.gov>; Urquhart-Foster, Samantha (Urquhart-Foster.Samantha@epa.gov) <Urquhart-Foster.Samantha@epa.gov>
**Cc:** Prashant.Gupta@Honeywell.com; Richard Moore <RMoore@gesonline.com>; Joseph Keller <JKeller@gesonline.com>; Draper, Cynthia E (Cynthia.Draper@amecfw.com) <Cynthia.Draper@amecfw.com>; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Jones, Walker (walker.jones@amecfw.com) <walker.jones@amecfw.com>; Gregory Graves <GGraves@gesonline.com>
**Subject:** FW: Hurricane Matthew sit rep; 10-08-2016 (PM) - LCP Holtrachem

Good afternoon Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site as of about 1:30 pm this afternoon.

As of the 11 am National Hurricane Center interim update, the projected path of Hurricane Matthew has remained similar to prior forecasts. The projection indicates the hurricane will skirt the South Carolina coast while turning to northeast, and then the east with the center of the storm projected to be offshore coastal North Carolina. The storm is currently near the Myrtle Beach Area. However, the Riegelwood area is still affected by the rains surrounding the hurricane.

Currently the predicted rainfall amounts have increased for the coastal North Carolina area. They currently are: 10.42" (7'" already fallen) on Saturday; 0.01" on Sunday.

Emergency preparations are in effect at the site. Currently we have Jason Graham onsite operating the plant and providing updates about site conditions. Current pond freeboard levels are as follows:

South Pond – 0.5' (pond basically full)
North Pont - 11'+

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time. GES is currently operating the system and will operate the system through Saturday night and into Sunday morning.

GES and/or Amec Foster Wheeler will continue to provide status updates until we're confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha. Contact has been made with International Paper personnel currently working regarding our status and they have been included in this update and will be included in future updates.

The next update will be Sunday morning by 8:00 am.

Daniel Dabkowski
Groundwater & Environmental Services, Inc
866-765-4851 extension 4523
ddabkowski@gesonline.com

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**From:** Daniel Dabkowski
**Sent:** Saturday, October 8, 2016 7:42 AM
**To:** Mattison, David (david.mattison@ncdenr.gov) <david.mattison@ncdenr.gov>; Urquhart-Foster, Samantha (Urquhart-Foster.Samantha@epa.gov) <Urquhart-Foster.Samantha@epa.gov>
**Cc:** Prashant.Gupta@Honeywell.com; Richard Moore <RMoore@gesonline.com>; Joseph Keller <JKeller@gesonline.com>; Draper, Cynthia E (Cynthia.Draper@amecfw.com) <Cynthia.Draper@amecfw.com>; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Kimberly.Fail@ipaper.com; Jones, Walker (walker.jones@amecfw.com) <walker.jones@amecfw.com>; Gregory Graves <GGraves@gesonline.com>
**Subject:** FW: Hurricane Matthew sit rep; 10-08-2016 (AM) - LCP Holtrachem

Good morning Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site as of about 7:30 am this morning.

As of the 5 am National Hurricane Center interim update, the projected path of Hurricane Matthew has remained similar to prior forecasts. The projection indicates the hurricane will skirt the Central Florida coast before turning to the north, and then northeast, with the center of the storm projected to be well offshore coastal North Carolina. However, the Riegelwood area is still just within the cone of potential paths.

Currently the predicted rainfall amounts have remained consistent for the coastal North Carolina area. They currently are: 7.34" (2'" already fallen) on Saturday; 0.02" on Sunday.

Emergency preparations are in effect at the site. Currently we have Richard Moore onsite operating the plant and providing updates about site conditions. Current pond freeboard levels are as follows:

South Pond – 3.5' (pond basically empty)
North Pont - 11'+

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time.

GES and/or Amec Foster Wheeler will continue to provide status updates until we're confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha. Initial contact has been made with International Paper personnel regarding our status and they have been included in this update and will be included in future updates.

The next update will be this afternoon.

Daniel Dabkowski
Groundwater & Environmental Services, Inc
866-765-4851 extension 4523
ddabkowski@gesonline.com

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**From:** Daniel Dabkowski
**Sent:** Friday, October 7, 2016 1:36 PM
**To:** Mattison, David <david.mattison@ncdenr.gov>; Samantha Urquhart-Foster <urquhart-foster.samantha@epa.gov>
**Cc:** Prashant Gupta <Prashant.Gupta@Honeywell.com>; Richard Moore <RMoore@gesonline.com>; Joseph Keller <JKeller@gesonline.com>; Draper, Cynthia E <Cynthia.Draper@amecfw.com>; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Kimberly.Fail@ipaper.com; Jones, Walker (walker.jones@amecfw.com) <walker.jones@amecfw.com>; Gregory Graves <GGraves@gesonline.com>
**Subject:** FW: Hurricane Matthew sit rep; 10-07-2016 (PM) - LCP Holtrachem

Good afternoon Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site as of about 1:30 pm this afternoon.

As of the 11 am National Hurricane Center interim update, the projected path of Hurricane Matthew has remained similar to prior forecasts. The projection indicates the hurricane will skirt the Central Florida coast before turning to the north, and then northeast, with the center of the storm projected to be well offshore coastal North Carolina. However, the Riegelwood area is still just within the cone of potential paths.

Currently the predicted rainfall amounts have remained consistent for the coastal North Carolina area. They currently are: 1.5”on Friday (1.2” already fallen onsite); 7.4” on Saturday; 0.02” on Sunday.

Emergency preparations are in effect at the site. We continue to operate the treatment system today until 11:00 pm. Local personnel will then check on the plant Saturday morning to determine the onsite conditions. Current pond freeboard levels are as follows:

South Pond – 4’ (pond basically empty)
North Pont - 11’+

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time.

GES and/or Amec Foster Wheeler will continue to provide status updates until we’re confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha. Initial contact has been made with International Paper personnel regarding our status and they have been included in this update and will be included in future updates.

The next update will be tomorrow morning by 8:00 am.

Daniel Dabkowski
Groundwater & Environmental Services, Inc
866-765-4851 extension 4523
ddabkowski@gesonline.com

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**From:** Daniel Dabkowski
**Sent:** Friday, October 7, 2016 7:49 AM
**To:** Mattison, David <david.mattison@ncdenr.gov>; Samantha Urquhart-Foster <urquhart-foster.samantha@epa.gov>
**Cc:** Prashant Gupta <Prashant.Gupta@Honeywell.com>; Richard Moore <RMoore@gesonline.com>; Joseph Keller <JKeller@gesonline.com>; Draper, Cynthia E <Cynthia.Draper@amecfw.com>; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Kimberly.Fail@ipaper.com; Jones, Walker (walker.jones@amecfw.com) <walker.jones@amecfw.com>; Gregory Graves <GGraves@gesonline.com>
**Subject:** FW: Hurricane Matthew sit rep; 10-07-2016 (AM) - LCP Holtrachem

Good morning Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site as of about 7:30 am this morning.

As of the 2 am National Hurricane Center interim update, the projected path of Hurricane Matthew has remained similar to prior forecasts. The projection indicates the hurricane will skirt the Central Florida coast before turning to the north, and then northeast, with the center of the storm projected to be well offshore coastal North Carolina. However, the Riegelwood area is still just within the cone of potential paths.

Currently the predicted rainfall amounts have slightly decreased for the coastal North Carolina area. They currently are: 1.4”on Friday (1.2” already fallen onsite); 7.9” on Saturday; 0.06” on Sunday.

Emergency preparations are in effect at the site. We continue to operate the treatment system today until 11:00 pm. Local personnel will then check on the plant Saturday morning to determine the onsite conditions. Current pond freeboard levels are as follows:

South Pond – 4’ (pond basically empty)
North Pont - 11’+

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time.

GES and/or Amec Foster Wheeler will continue to provide status updates until we’re confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha. Initial contact has been made with International Paper personnel regarding our status and they have been included in this update and will be included in future updates.

Daniel Dabkowski
Project Manager
Groundwater & Environmental Services, Inc
**Please note my new phone number and extension and fax number**
Phone: 866-765-4851 extension 4523
Fax: 866-902-2187

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**From:** Gregory Graves
**Sent:** Thursday, October 06, 2016 2:10 PM

**To:** Mattison, David; Samantha Urquhart-Foster
**Cc:** Prashant Gupta; Daniel Dabkowski; Richard Moore; Joseph Keller; Draper, Cynthia E; Tom.Richardson@ipaper.com; Gary.Morrow@ipaper.com; Kimberly.Fail@ipaper.com; Jones, Walker (walker.jones@amecfw.com)
**Subject:** RE: Hurricane Matthew sit rep; 10-06-2016 (PM) - LCP Holtrachem

Good Afternoon Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site as of about 2pm this afternoon.

As of the 2pm National Hurricane Center interim update, the projected path of Hurricane Matthew has remains similar to prior forecasts. The projection indicates the hurricane will skirt the Central Florida coast before turning to the north , then northeast, with the center of the storm projected to be well offshore coastal North Carolina. However, the Riegelwood area is still just within the cone of potential paths.

Currently the predicted rainfall amounts have increased for the coastal North Carolina area. They currently are: 0.6" on Thursday; 1.6"on Friday; 12" on Saturday; 0.2" on Sunday.

Emergency preparations are in effect at the site. We continue to operate the treatment system on a 24-hr basis. Current pond freeboard levels are as follows:

South Pond – 4' (pond basically empty)
North Pont - 11'+

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time.

GES and or Amec Foster Wheeler will continue to provide status updates until we're confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha. Initial contact has been made with International Paper personnel regarding our status and they have been included in this update and will be included in future updates.

Thanks,
Greg Graves, PG
Groundwater & Environmental Services, Inc.
321.229.0562

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**From:** Gregory Graves
**Sent:** Thursday, October 06, 2016 8:21 AM
**To:** 'Jones, Walker'; Mattison, David; Samantha Urquhart-Foster
**Cc:** Prashant Gupta; Daniel Dabkowski; Richard Moore; Joseph Keller; Draper, Cynthia E
**Subject:** Hurricane Matthew sit rep; 10-06-2016 (AM) - LCP Holtrachem

Good Morning Mr. Mattison,

Please accept this as the situation report for the LCP Holtrachem site for this morning.

As of 8am today, the projected path of Hurricane Matthew has remained similar to yesterday evening's projection. The projection indicates the hurricane will skirt the Central Florida coast before turning to the north , then northeast, with

the center of the storm projected to be well offshore coastal North Carolina. However, the Riegelwood area is still just within the cone of potential paths.

Currently the predicted rainfall amounts have increased for the coastal North Carolina. They include: 0.5" on Thursday; 2.5"on Friday; 9" on Saturday; <0.1" on Sunday.

Emergency preparations are in effect at the site. We continue to operate the treatment system on a 24-hr basis. Current pond freeboard levels are as follows:

South Pond – 4' (pond basically empty)
North Pont - 10'+

Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time.

GES and or Amec Foster Wheeler will continue to provide status updates until we're confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha.

Thanks,
Greg Graves, PG
Groundwater & Environmental Services, Inc.
321.229.0562

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**From:** Jones, Walker [mailto:Walker.Jones@amecfw.com]
**Sent:** Wednesday, October 05, 2016 4:02 PM
**To:** Mattison, David; Samantha Urquhart-Foster
**Cc:** Prashant Gupta; Daniel Dabkowski; Richard Moore; Joseph Keller; Draper, Cynthia E; Gregory Graves
**Subject:** RE: Hurricane Matthew sit reps

Hi David,
Per our recent conversation and the email below, we will provide you and the team with an update of our site conditions twice a day. We'll try to update everyone around 0800 & 1400.

As of 2 pm, the projected path of Hurricane Mathew does not indicate hurricane force winds and associated heavy rains will impact the Riegelwood site. Currently the predicted rainfall amounts include: <1-in on Thursday; 3.5-in on Friday; 3-in on Saturday; <0.5-in on Sunday.

Emergency preparations are in effect at the site. As discussed in a previous email from Greg, they are operating the treatment system on a 24-hr basis. Based on the predicted rainfall amounts and current operations, no emergency actions are required at this time.

GES and or Amec Foster Wheeler will continue to provide status updates until we're confident that this system will not impact the site.

At this time, we do not think that we need to engage International Paper to assist with water discharge. However, if conditions deteriorate we will begin that notification process with Samantha.

Please let me know if you have any questions in this regard.

Thanks,
Walker

**B. Walker Jones**
Amec Foster Wheeler
(910) 444-2979 O
(910) 352-5789 M

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**From:** Mattison, David [mailto:david.mattison@ncdenr.gov]
**Sent:** Wednesday, October 05, 2016 2:43 PM
**To:** Gregory Graves <GGraves@gesonline.com>; Samantha Urquhart-Foster <urquhart-foster.samantha@epa.gov>; Jones, Walker <Walker.Jones@amecfw.com>; Draper, Cynthia E <Cynthia.Draper@amecfw.com>
**Cc:** Prashant Gupta <Prashant.Gupta@Honeywell.com>; Daniel Dabkowski <DDabkowski@gesonline.com>; Richard Moore <RMoore@gesonline.com>; Joseph Keller <JKeller@gesonline.com>
**Subject:** Fwd: Hurricane Matthew sit reps

FYI...

**David B. Mattison**
**Environmental Engineer**

**Federal Remediation Branch**
**Superfund Section**
**Division of Waste Management**
**North Carolina Department of Environmental Quality**

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1646 Mail Service Center
Raleigh, NC 27699-1646

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Begin forwarded message:

> **From:** "Kritzer, Jamie" <jamie.kritzer@ncdenr.gov>
> **Date:** October 5, 2016 at 2:21:05 PM EDT
> **To:** "Scott, Michael" <michael.scott@ncdenr.gov>, "Lorscheider, Ellen" <ellen.lorscheider@ncdenr.gov>, "Bateson, James" <james.bateson@ncdenr.gov>, "Barnhardt, Art" <art.barnhardt@ncdenr.gov>, "Woosley, Julie" <julie.woosley@ncdenr.gov>, "Bush, Ted" <ted.bush@ncdenr.gov>, "Albrecht, Terry" <terry.albrecht@ncdenr.gov>, "Ragan, Jamie" <jamie.ragan@ncdenr.gov>, "Mouw, Scott"

<scott.mouw@ncdenr.gov>, "Mattison, David" <david.mattison@ncdenr.gov>
**Cc:** "Lance, Kathleen C" <kathleen.lance@ncdenr.gov>, "Akroyd, Cathy R" <Cathy.Akroyd@ncdenr.gov>, "Kritzer, Jamie" <jamie.kritzer@ncdenr.gov>, "Young, Sarah" <sarah.young@ncdenr.gov>
**Subject: Hurricane Matthew sit reps**

Folks,

The department is requesting PIOs send situation reports (sit reps) twice a day starting tomorrow for the response to Hurricane Matthew.

Please send to me sit reps from your programs or sections by 8:30 a.m. and 2:30 p.m. each day. I will have 30 minutes to edit them and send them to the department brass.

We will continue with sit reps each day, until we are notified otherwise.

From 3 p.m.-11 p.m. Friday and Saturday, I'm scheduled to work at State Emergency Operations Center. During my shift, I will be unable to manage our sit reps. However, Cathy Akroyd (Friday afternoon) and Sarah Young (Saturday afternoon) have agreed to gather, edit and send along Friday and Saturday afternoon sit reps from staff in DWM and DEACS. I will be able to handle the sit reps for the two programs for Friday and Saturday morning, and the rest of the time sit reps are needed. Throughout the incident, please send your sit rep information to Jamie.Kritzer@ncdenr.gov, Cathy.Akroyd@ncdenr.gov and Sarah.Young@ncdenr.gov. That way, we'll all be in the loop throughout the incident, in case there are media or other information needs.

In the past, we've used a structured template for the sit reps. However, please us with your information in bullet points. Please include information about what your staff or programs are doing to prepare for or respond to the storm (protecting state equipment, vehicles, buildings, and our work to help the people we regulate and serve with preparation and response/recovery). These sit reps are a good way to keep everyone informed of all the great work we do as an agency and frequently are included in press briefings provided by the governor and his staff. So they are really serve a useful function.

Most of the recent forecast models show Hurricane Matthew taking a more eastward track and moving away from the North Carolina coast (http://www.wral.com/dramatic-forecast-track-change-pushes-matthew-farther-off-nc-coast/16084603/).
Let's hope the models are accurate. But please be safe. Best to plan for the worst and hope for the best.

Should this schedule change, I will send you an email letting you know.

Thanks for your help.

Jamie Kritzer
Public information officer
N.C. Department of Environmental Quality
N.C. Division of Waste Management
N.C. Division of Environmental Assistance and Customer Service

919 707 8602 office
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