

## Shaik, Amzad

**From:** Swanson, Cheryl  
**Sent:** Monday, June 01, 2020 14:56  
**To:** Lurding, Kathleen; Watts, John  
**Cc:** Shaik, Amzad; Ayres, Joshua  
**Subject:** RE: Mystery material washing up

I just received the stickers. Thank you, all.  
Cheryl

---

**From:** Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>  
**Sent:** Monday, June 01, 2020 2:55 PM  
**To:** Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>; Watts, John <John.Watts@FloridaDEP.gov>  
**Cc:** Shaik, Amzad <Amzad.Shaik@dep.state.fl.us>  
**Subject:** RE: Mystery material washing up

Cheryl – your jobs and samples have been added.

Thank-you Amzad!

Kathy

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**From:** Swanson, Cheryl <Cheryl.Swanson@FloridaDEP.gov>  
**Sent:** Monday, June 1, 2020 1:19 PM  
**To:** Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>  
**Subject:** RE: Mystery material washing up

RQ-2020-05-25-27  
NW-DIST-2020-05-27-01

Can jobs be added to this event for these tests:

ALGAL-ID

PCR-HF183

PCR-HUMM2

SDMNT-AFDW -- We may end up removing this test if we don't have enough material.

### Event: NW-DIST-2020-05-27-01 with Status: V

Reports Certified: None  
Perdido Bay Foam Complaint

Request ID: RQ-2020-05-25-27 Customer: NW-DIST

Project: SPPROJECTS

PMAS:

|                              |  |           |  |                      |        |                   |               |
|------------------------------|--|-----------|--|----------------------|--------|-------------------|---------------|
| Event: NW-DIST-2020-05-27-01 |  | Sample ID |  | Text ID              | Status | Date Sampled      | Date Complet. |
| Job: TLH-2020-05-27-32       |  | 2173298   |  | TLH-2020-05-27-32-01 | V      | 26-MAY-2020 11:23 |               |
| Sample: 2173298              |  | 2173299   |  | TLH-2020-05-27-32-02 | V      | 26-MAY-2020 11:00 |               |
| Sample: 2173299              |  | 2173300   |  | TLH-2020-05-27-32-03 | V      | 26-MAY-2020 11:15 |               |
| Sample: 2173300              |  |           |  |                      |        |                   |               |

**From:** Whiting, David D. <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>  
**Sent:** Monday, June 01, 2020 12:33 PM  
**To:** Topolski, Marek <[Marek.Topolski@FloridaDEP.gov](mailto:Marek.Topolski@FloridaDEP.gov)>; Wright, Colin <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>; King, Michael <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>; Espy, Julie <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>; Hogue, Alicia <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>  
**Cc:** Lurding, Kathleen <[Kathleen.Lurding@dep.state.fl.us](mailto:Kathleen.Lurding@dep.state.fl.us)>; Watts, John <[John.Watts@FloridaDEP.gov](mailto:John.Watts@FloridaDEP.gov)>; Swanson, Cheryl <[Cheryl.Swanson@FloridaDEP.gov](mailto:Cheryl.Swanson@FloridaDEP.gov)>  
**Subject:** RE: Mystery material washing up

If we have enough sample, we should probably analyses for our DNA markers of sewage (HF183, HUM2). There might be some more hydrophobic pharmaceuticals we could look for, but we might see low levels even in natural organic matter, so we'd have to have compare the results back to some literature values for what one might expect in sewage.

Dave

**From:** Topolski, Marek <[Marek.Topolski@FloridaDEP.gov](mailto:Marek.Topolski@FloridaDEP.gov)>  
**Sent:** Monday, June 1, 2020 12:19 PM  
**To:** Wright, Colin <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>; Whiting, David D. <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>; King, Michael <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>; Espy, Julie <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>; Hogue, Alicia <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>  
**Cc:** Lurding, Kathleen <[Kathleen.Lurding@dep.state.fl.us](mailto:Kathleen.Lurding@dep.state.fl.us)>; Watts, John <[John.Watts@FloridaDEP.gov](mailto:John.Watts@FloridaDEP.gov)>; Swanson, Cheryl <[Cheryl.Swanson@FloridaDEP.gov](mailto:Cheryl.Swanson@FloridaDEP.gov)>  
**Subject:** RE: Mystery material washing up

For two of the samples we still have about half of the 500 mL jar and the third sample is much less than that. Less than a quarter, I would say.

Marek Topolski  
Chemist Specialist  
Florida Department of Environmental Protection  
Chemistry Section  
2600 Blair Stone Rd, MS 6510  
Tallahassee, FL 32399-2400  
850 245 8132

**From:** Wright, Colin <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>  
**Sent:** Monday, June 1, 2020 12:17 PM  
**To:** Topolski, Marek <[Marek.Topolski@FloridaDEP.gov](mailto:Marek.Topolski@FloridaDEP.gov)>; Whiting, David D. <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>; King, Michael <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>; Espy, Julie <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>; Hogue, Alicia <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>  
**Cc:** Lurding, Kathleen <[Kathleen.Lurding@dep.state.fl.us](mailto:Kathleen.Lurding@dep.state.fl.us)>; Watts, John <[John.Watts@FloridaDEP.gov](mailto:John.Watts@FloridaDEP.gov)>; Swanson, Cheryl <[Cheryl.Swanson@FloridaDEP.gov](mailto:Cheryl.Swanson@FloridaDEP.gov)>  
**Subject:** Re: Mystery material washing up

About what amount of sample do we have?

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**From:** Topolski, Marek <[Marek.Topolski@FloridaDEP.gov](mailto:Marek.Topolski@FloridaDEP.gov)>  
**Sent:** Monday, June 1, 2020 11:00 AM  
**To:** Wright, Colin <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>; Whiting, David D. <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>; King, Michael

<Michael.King@dep.state.fl.us>; Espy, Julie <Julie.Espy@dep.state.fl.us>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>  
Cc: Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>; Swanson, Cheryl  
<Cheryl.Swanson@FloridaDEP.gov>  
Subject: RE: Mystery material washing up

I believe BNA test was also added to these samples and they may be extracting today

Marek Topolski  
Chemist Specialist  
Florida Department of Environmental Protection  
Chemistry Section  
2600 Blair Stone Rd, MS 6510  
Tallahassee, FL 32399-2400  
850 245 8132

From: Wright, Colin <Colin.Wright@dep.state.fl.us>  
Sent: Monday, June 1, 2020 10:54 AM  
To: Whiting, David D. <David.D.Whiting@dep.state.fl.us>; King, Michael <Michael.King@dep.state.fl.us>; Espy, Julie  
<Julie.Espy@dep.state.fl.us>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>  
Cc: Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>; Swanson, Cheryl  
<Cheryl.Swanson@FloridaDEP.gov>; Topolski, Marek <Marek.Topolski@FloridaDEP.gov>  
Subject: RE: Mystery material washing up

Indeed it is, I see it now. When Cheryl's analyst confers with Marek they can work out if there is enough for that test  
also.  
Colin

From: Wright, Colin  
Sent: Monday, June 1, 2020 10:52 AM  
To: Whiting, David D. <David.D.Whiting@dep.state.fl.us>; King, Michael <Michael.King@dep.state.fl.us>; Espy, Julie  
<Julie.Espy@dep.state.fl.us>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>  
Cc: Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>  
Subject: RE: Mystery material washing up

Is that a Biology test? It's not something Chemistry does.  
Colin

From: Whiting, David D. <David.D.Whiting@dep.state.fl.us>  
Sent: Monday, June 1, 2020 10:48 AM  
To: Wright, Colin <Colin.Wright@dep.state.fl.us>; King, Michael <Michael.King@dep.state.fl.us>; Espy, Julie  
<Julie.Espy@dep.state.fl.us>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>  
Cc: Lurding, Kathleen <Kathleen.Lurding@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>  
Subject: RE: Mystery material washing up

I thought we did that in house using the muffle furnace?

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Wright, Colin" <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>

Date: 6/1/20 10:47 AM (GMT-05:00)

To: "Whiting, David D." <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>, "King, Michael" <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>, "Espy, Julie" <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>, "Hogue, Alicia" <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>

Cc: "Lurding, Kathleen" <[Kathleen.Lurding@dep.state.fl.us](mailto:Kathleen.Lurding@dep.state.fl.us)>, "Watts, John" <[John.Watts@FloridaDEP.gov](mailto:John.Watts@FloridaDEP.gov)>

Subject: RE: Mystery material washing up

That would be an overflow test. I am unsure how much sample we have. I'm just about to leave for my dentist appointment so will be offline until after lunch. I'll have Marek take a look and assess how much we have spare.

John – can you see if Pace (or whichever lab we use) can perform percent organic carbon on a waste-like material, and if so, how much sample they need?

Thanks,  
Colin

From: Whiting, David D. <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>

Sent: Monday, June 1, 2020 10:40 AM

To: Wright, Colin <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>; King, Michael <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>; Espy, Julie <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>; Hogue, Alicia <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>

Subject: RE: Mystery material washing up

I had suggested we analyze for % organic as well.

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "Wright, Colin" <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>

Date: 6/1/20 10:38 AM (GMT-05:00)

To: "King, Michael" <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>, "Whiting, David D." <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>, "Espy, Julie" <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>, "Hogue, Alicia" <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>

Subject: RE: Mystery material washing up

We have scheduled our Florida Pro test (to look for petroleum hydrocarbons) and our BNA test (a general sweep for potential organic contaminants).

Colin

From: King, Michael <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>

Sent: Monday, June 1, 2020 10:28 AM

To: Whiting, David D. <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>; Espy, Julie <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>; Hogue, Alicia <[Alicia.Hogue@FloridaDEP.gov](mailto:Alicia.Hogue@FloridaDEP.gov)>

Cc: Wright, Colin <[Colin.Wright@dep.state.fl.us](mailto:Colin.Wright@dep.state.fl.us)>

Subject: Re: Mystery material washing up

I just wanted to share that this issue has hit the news. Also the Northwest District Director has asked what analytes we have determined to run for the sample we took last week.



**WKRG Debbie Williams**

13 hrs · 🌐



**UPDATE: Test results are in. Mobile Baykeeper says the results are "off the charts" for fecal matter in the water of Perdido Bay.**

**While it is algae floating in the water, it is loaded with fecal matter.**

**An acceptable score for safe swimming is 102 water samples collected Friday scored more than 24,000.**

**Mobile Baykeeper will re-test next week.**

**Here is the link to the original story posted Friday.**

**<https://www.wkrg.com/baldwin-county/whats-in-the-water-of-perdido-bay/>**



**From: "Whiting, David D." <[David.D.Whiting@dep.state.fl.us](mailto:David.D.Whiting@dep.state.fl.us)>**

**Date: Tuesday, May 26, 2020 at 6:30 AM**

**To: "King, Michael" <[Michael.King@dep.state.fl.us](mailto:Michael.King@dep.state.fl.us)>, Julie Espy <[Julie.Espy@dep.state.fl.us](mailto:Julie.Espy@dep.state.fl.us)>, "Hogue, Alicia"**

<Alicia.Hogue@FloridaDEP.gov>

Cc: "Wright, Colin" <Colin.Wright@dep.state.fl.us>

Subject: RE: Mystery material washing up

Mike,

You can schedule % Organic and Colin and I will discuss what else we will look at.

Thanks,

Dave

From: King, Michael <Michael.King@dep.state.fl.us>

Sent: Monday, May 25, 2020 9:34 AM

To: Whiting, David D. <David.D.Whiting@dep.state.fl.us>; Espy, Julie <Julie.Espy@dep.state.fl.us>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>

Subject: Re: Mystery material washing up

Dave,

Emergency Response will be collecting a sample on Tuesday if still present and I will ship it off to the Lab. When creating the RQ is there an analysis I should choose initially for receiving or just let John Watts know we are sending these?

Thanks,

Mike K.

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From: "Whiting, David D." <David.D.Whiting@dep.state.fl.us>

Date: Friday, May 22, 2020 at 3:09 PM

To: "King, Michael" <Michael.King@dep.state.fl.us>, Julie Espy <Julie.Espy@dep.state.fl.us>, "Hogue, Alicia" <Alicia.Hogue@FloridaDEP.gov>

Subject: RE: Mystery material washing up

If you have someone that can grab several small samples in separate 250 mL glass jars, we can take a look at it when staff return to the lab next week, but I'm not sure how we would analyze it until we see it.

Dave

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

From: "King, Michael" <Michael.King@dep.state.fl.us>

Date: 5/22/20 4:00 PM (GMT-05:00)

To: "Whiting, David D." <David.D.Whiting@dep.state.fl.us>, "Espy, Julie" <Julie.Espy@dep.state.fl.us>, "Hogue, Alicia" <Alicia.Hogue@FloridaDEP.gov>

Subject: Re: Mystery material washing up

The affected area was approximately 50 meters

**From:** Whiting, David D. <David.D.Whiting@dep.state.fl.us>  
**Sent:** Friday, May 22, 2020 2:32 PM  
**To:** Espy, Julie; King, Michael; Hogue, Alicia  
**Subject:** RE: Mystery material washing up

How extensive is the affected area? Without seeing the pictures or a better description, it's hard to say whether we or OER should respond.

Dave

Sent from my Verizon, Samsung Galaxy smartphone

----- Original message -----

**From:** "Espy, Julie" <Julie.Espy@dep.state.fl.us>  
**Date:** 5/22/20 3:28 PM (GMT-05:00)  
**To:** "King, Michael" <Michael.King@dep.state.fl.us>, "Hogue, Alicia" <Alicia.Hogue@FloridaDEP.gov>  
**Cc:** "Whiting, David D." <David.D.Whiting@dep.state.fl.us>  
**Subject:** RE: Mystery material washing up

The pics didn't come through, but the answer is Yes. Our first priority for sampling is algal blooms or this kind of response. Jeremy and them have done some of this sampling.  
Dave, can you advise these guys? Thanks!

Julie

**From:** King, Michael <Michael.King@dep.state.fl.us>  
**Sent:** Friday, May 22, 2020 3:17 PM  
**To:** Espy, Julie <Julie.Espy@dep.state.fl.us>; Hogue, Alicia <Alicia.Hogue@FloridaDEP.gov>  
**Subject:** Re: Mystery material washing up

Julie and Alicia,

Please see attached email chain and advise if we have the lab capability to offer support in this district complaint. Our group hasn't had any training or guidance on collecting foam samples so Let me know if there are protocols for that as well.

Thank you,

Mike K.

**From:** Whibbs, Earl <Earl.Whibbs@dep.state.fl.us>

**Sent:** Wednesday, April 29, 2020 4:30 PM

**To:** Mulkey, Nathan; Butera, Frank; King, Michael

**Subject:** Mystery material washing up

Hey I got a report over in the Perdido bay area of some mystery material washing ashore. I found this. The first two pics are a distinct separate material than the third pic. The third pic is some sort of petroleum based material. The material in the first two pics is what I am asking about. It appears organic. No petroleum odors associated with it. Any thoughts?

Thank you,



**Joey Whibbs**

**Environmental Specialist**

Compliance Assurance Program

Emergency Responder

Northwest District

Florida Department of Environmental Protection

160 West Government Street

Pensacola, Florida 32502

[earl.whibbs@floridadep.gov](mailto:earl.whibbs@floridadep.gov)

Office: 850.595.0636

Cell: 850.258.4354

Fax: 850.595.8392

**State Watch Office (24/7-ER): 800-320-0519**

**National Response Center (24/7-ER): 800-424-8802**

<https://floridadep.gov/dleer/oer>

# Login Checklist

RQ- 2020 - 05 - 25 - 27

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 05-27-2020 / 10:20

| Cooler Temperature* | Samples Frozen | * All Samples In Cooler Preserved with |          | Number of Sample Containers In Cooler | Evidence Tape |          |     |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|----------|-----|----|-------------------------------------|
|                     |                | HNO <sub>3</sub>                       | Formalin |                                       | Present?      | *Intact? | Yes | No |                                     |
| <b>2.4C</b>         |                |                                        |          | <b>3</b>                              |               | <b>X</b> |     |    | <b>1278 4011 8904</b>               |
|                     |                |                                        |          |                                       |               |          |     |    |                                     |
|                     |                |                                        |          |                                       |               |          |     |    |                                     |
|                     |                |                                        |          |                                       |               |          |     |    |                                     |
|                     |                |                                        |          |                                       |               |          |     |    |                                     |
|                     |                |                                        |          |                                       |               |          |     |    |                                     |

\*All samples received on ice unless otherwise noted. If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), received without ice, or if Evidence Seal is damaged; identify the containers in the affected cooler(s) on back of this form. HNO<sub>3</sub> and Formalin preserved samples do **NOT** have a temperature requirement. DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation; **An NCR still is required.**

\*\*Chain of Custody/ Field Sheet(s) Included? Yes X No       

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes        No X

**\*\*Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes        No X If yes, is it intact? Yes        No       

\*\*Caps on tight? Yes X No        \*\*Containers intact? Yes X No       

\*\*Sufficient Sample Volume: Yes X No       

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes        No X Init: ABS

Chlorine detected? (One container checked per Field ID) Yes        No        Init: ABS

If "YES", list affected Field IDs and Test IDs below.

| Field ID | List TestID(s) where Chlorine was Detected, an NCR is required. |
|----------|-----------------------------------------------------------------|
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes X No        NA X Init: ABS /

\*\*W-1-4-DIOX (Green dot on container) preserved to pH ≤ 4.0? Yes        No        NA X Init: ABS /

Coolers Unpacked/Checked by: ABS / Date: 05-27-2020 NCRs (Y/N)?       

Event ID: NW-DIST - 2020 - 05 - 27 - 0 NCR #

## Login Checklist

### Samples with Incorrect pH Preservation

| Field ID | Bottle Test ID(s) | pH | Action Taken |
|----------|-------------------|----|--------------|
|          |                   |    |              |
|          |                   |    |              |
|          |                   |    |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |

### Additional Comments:

|                            |                        |
|----------------------------|------------------------|
| Infrared Thermometer ID:   | IRTG#3 EXP:11/05/20    |
| pH Test Strips 0 – 6 Lot # | 2133AV EXP:05/15/2020  |
| pH Paper 0 – 3 Lot #       | 220416A EXP:07/31/2020 |
| pH Paper 0 – 13 Lot #      | 208717 EXP:03/31/2020  |
| Chlorine Test Strips Lot # | 8261 2021 /07          |

### ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes \_\_\_\_\_ No x \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ If No \_\_\_\_\_

no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

#### FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

Perdido Bay Foam Complaint

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Mike King

Project ID: SPPROJECTS

Collected By: Earl Whibbs

Sampling Agency: FDEP DER

|                                                                                      |                                                                                        |                                                                           |                                                           |                                                                                 |                               |                               |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|-------------------------------|
| Location<br>1061 Perdido Manor Drive northern extent                                 |                                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 5/26/20 Time 1023 | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)<br>(See pg 2) |
| Field ID<br>Perdido Foam 1 NWHAB0012                                                 |                                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) |                               |
| WIN/STORET #                                                                         |                                                                                        | Temp<br>(C)                                                               | pH                                                        | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)  |                               |
| Latitude<br>30.398155<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-87.425160<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt)                                                         | Comments                                                  |                                                                                 |                               |                               |
| Location<br>1061 Perdido Manor Drive NWHAB0013                                       |                                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 5/26/20 Time 1000 | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)               |
| Field ID<br>Perdido Foam 2 south of dock                                             |                                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) |                               |
| WIN/STORET #                                                                         |                                                                                        | Temp<br>(C)                                                               | pH                                                        | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)  |                               |
| Latitude<br>30.397907<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-87.424976<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt)                                                         | Comments                                                  |                                                                                 |                               |                               |
| Location<br>1061 Perdido Manor Drive southern extent                                 |                                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 5/26/20 Time 1015 | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)               |
| Field ID<br>Perdido Foam 3 NWHAB0014                                                 |                                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) |                               |
| WIN/STORET #                                                                         |                                                                                        | Temp<br>(C)                                                               | pH                                                        | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)  |                               |
| Latitude<br>30.397740<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-87.424815<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt)                                                         | Comments                                                  |                                                                                 |                               |                               |
| Location                                                                             |                                                                                        | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date Time              | Eastern<br>Central                                                              | Composite end<br>Date Time    | Bottle Group(s)               |
| Field ID                                                                             |                                                                                        | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br><input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) |                               |
| WIN/STORET #                                                                         |                                                                                        | Temp<br>(C)                                                               | pH                                                        | Sample Depth<br><input type="checkbox"/> ft<br><input type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)  |                               |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms              | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt)                                                         | Comments                                                  |                                                                                 |                               |                               |

|                               |                      |                          |                                 |                             |                            |
|-------------------------------|----------------------|--------------------------|---------------------------------|-----------------------------|----------------------------|
| Relinquished By:<br>Mike King | Date/Time<br>5/26/20 | Shipping Method<br>Fedex | Number of Coolers Shipped:<br>1 | Received By:<br>[Signature] | Date/Time<br>5/27/20 10:20 |
|-------------------------------|----------------------|--------------------------|---------------------------------|-----------------------------|----------------------------|

Group: A

Bottle Type:

# of Bottles: 0

Preservative:

Enter Number of Bottles Sent to Lab 3

S-FL-PRO

Date of Request: 26-MAY-2020  
Created By: KING\_M On: 26-MAY-2020  
Modified By: AYRES\_J On: 27-MAY-2020  
Customer: NW-DIST  
Project: SPPROJECTS  
Division: Division of Environmental Assessment and Restoration  
District: Northwest District  
Sampling Event: Perdido Bay Foam Complaint

**Send Coolers To:**

Phone: 850-595-0605  
160 Government Center  
Suite 208  
Pensacola, FL 32502-5794  
Attn: Michael King

**Send Final Report To:**

160 Government Center  
Suite 208  
Pensacola, FL 32502-5794  
Attn: Cheryl Bunch

Program Module Number:  
Priority: 3  
Event Status: R  
Criminal Investigation: NO  
Chemistry Request Reviewed By: AYRES\_J On: 27-MAY-2020  
Biology Request Reviewed By:  
Sampling Kit Required: NO Ship on:  
Sampling Kit Shipped:  
Sampling Kit Packed By:  
Preservatives Needed: NO  
Date to Receive Samples: 26-MAY-2020  
Received By: SHAIK\_A On: 27-MAY-2020

Report Type: Final Only  
FTP Data: NO  
QC Report: YES  
Date Log: NO  
Authorization Log: NO

Comments: Group A: Organics

**Bottle Group A (Soil/Sediment/Waste) With 4 Samples:**

Bottle Type: GJ-250ML      Number of Bottles: 4      Preserved With: ICE  
S-FL-PRO      Template: DEFAULT      (FL-PRO 2018) Total recoverable petroleum hydrocarbons in sediment/soil samples by GC-FID.