



## HARBOUR MASTERS REPORT TO HHAC July 2013

### 1 Operational report

#### April

- Time line photography of the channel no change to risk assessment required
- Meeting with the Hayle Gig and Pilot Rowing Club Chairman re future events, use of Copperhouse Pool and new possible new location on the harbour.
- Damage to a vessel at Lelant Saltings
- Navigational Aids Availability report sent to Trinity House
- Replacement parts for the North Cardinal buoy ordered from Hydrosphere
- Suspicious activity in the vicinity of the Octel Units police informed
- South West Ports meeting
- Barrier arm broken on South Quay
- Western power cable day mark damaged
- New ladders for North Quay arrived on site

#### May

- Mr Hein Brand and directors on site
- Trinity House inspection of Navigational aids
- Contractor on site re permanent fence for the fishermen's Compound
- Mussel flesh testing for heavy metals
- Additional bolts and brackets ordered for ladders
- Disturbance Action Group meeting at the RSPB Office
- New tower top mark and light received for the North Cardinal Buoy
- Shell fish pontoon navigation light defective. New light ordered.
- Access to Miss Aspinals provided over lelant quay
- Body of Mr Jacob Cockle found in Carnsew Pool

#### June

- The AHM observed tombstoners diving from the landing davits on North quay and instructed them to move on car registrations given to Kevin Youngman PCSO
- AHM observed a male swimming in the navigable channel
- Topan fencing on site to quote for the fishermen's compound.
- Chubb Fire safety on site inspection of extinguishers
- Navigation light on the shell fish pontoon replaced
- South West Ports meeting
- Time line photography of the channel completed
- Installation of the North quay ladders completed
- Internal audit of the SMS by the AHM
- Quarterly availability report of Navigational Aids sent to Trinity House
- HM attended as security briefing hosted by special branch at the Hayle Rugby Club

### HM Report

#### 1 Fatality

At 0700 on the morning of the 29<sup>th</sup> may I received a call from the Duty MCA operations officer informing me that a fatality had occurred as a result of an incident at Carnsew

pool Hayle Harbour on the evening of the 28<sup>th</sup> May 2013. A body had been discovered by a member of the public who alerted the emergency services then proceeded to give first aid. On the arrival of the emergency services attempts were made to resuscitate the casualty who was airlifted to Royal Cornwall Hospital Treliske but was subsequently pronounced dead. I have since provided the investigating police officer with a statement and informed the HSE.

## **2 Tombstoning**

A group of young males were seen to be diving from the landing davits in the fishermen's landing area they had removed a fence panel to gain access, but were moved on by the AHM who provided vehicle registrations to PCSO Youngman. I have received a quote from a fencing company to erect a permanent fence which will hopefully help to improve the security of the site and which is also a requirement of the HFA Insurers.

## **3 Swimmer In The Harbour**

The AHM observed a swimmer in the harbour and requested a slipway user who was launching his Jet ski to instruct the person to leave the water. The jet skier challenged the swimmer and reported that the male was abusive and refused to comply. The AHM managed to gain the attention of the swimmer and signalled him to come ashore but he ignored the AHM and continued with his swim. Fearing for the man's safety the AHM contacted the police, Sergeant Dobson attended and between them they managed to catch up with the swimmer on the middle weir at which point he was informed that he was breaking byelaw 52 his name and address was taken and he was instructed to leave the harbour.

## **4 Kite Surfing**

Two Kite surfers were seen in the navigable channel South of Chapel Anjou out side of the Kite surfing zone, they were challenged and asked to show their KKSC identification. One complied and apologised for surfing in the channel and walked back to the kite surf zone. The other stated he had left his in the car and continued to kite surf ignoring directions to leave the channel.

Contact was made with the chairman of the club who was instructing at Mexico Beach, he was made aware of the situation, but was unable to attend immediately and stated he would arrange for a club steward to attend.

Lech Kwiatowski, vessel owner of Myross Mist, a commercial fisherman was also attempting to enter the channel at this time, and contacted the harbour office as he was extremely irate and concerned for his safety and the safety of the kite surfers as they were coming far too close to his vessel while he was navigating the channel.

The authority has since met with Mr Townsend, secretary of the KKSC who had investigated the incidents. He confirmed he knew the person who would not show his identification and that he was not a club member. I asked Mr Townsend to invite him to contact the Authority as I wished to discuss his conduct and inform him that he was breaking the byelaws which is a criminal offence.

I have since spoken to the person concerned who has apologised he is now a member of the kite surf club and has assured me that he will in future comply with the code of conduct.

Investigation of the incident where the kite surfer came close to Myross Mist revealed that he had a line failure and dropped the kite which is why his lines were close to the vessel and why he was unable to turn away.

#### **4 Pontoons**

There is a requirement for me to forward my application for grant funding to provide pontoons on East quay to ING for consideration prior to its submission to FLAG which could take time. To ensure that we don't miss this opportunity to obtain the funding I have asked Peter Ghey to take it over and submit the application and business plan I have prepared on behalf of the HFA.

#### **5 Moorings**

The installation of ladders on North Quay is now complete and vessels will be moved over from South Quay for the duration of the development. While the authority has endeavoured to work with mooring holders especially the commercial fishermen and other commercial vessel operators regarding the allocation of moorings there are some that that could not be accommodated where they would prefer to be. As a compromise and to assist in their operational requirements I have agreed to limited vehicle access on the quay for fuelling and loading of equipment providing controls are in place to ensure public safety.

#### **6 Mussels**

The test results from the flesh sampling stage for heavy metal contamination has been completed for Carnsew Tunnels and creek, the results were all satisfactory which are attached. I have contacted the Cornwall Port Health Authority who advised me that testing is nearing completion and the next phase will be to apply for classification of the mussel beds.

#### **7 Enforcement**

With the assistance of a debt collection agency a long drawn out dispute with a harbour user has been settled and a substantial amount of money owed to the authority has been recovered.

It has become necessary for me to issue a formal written warning to a belligerent harbour user who has laid an unlicensed mooring and will not comply with the directions given by the authority. If this person continues to maintain their present stance the authority has made it clear that it will prosecute under the Harbour Act and Byelaws.

Analytical Report Code	Lab Sample Number	Client code	Client Reference
AR-13-WP-002923-01	405-2013-33002869	8/4/13	Carnsew Pool
AR-13-WP-002924-01	405-2013-33002870	SW55553733	Carnsew Pool
AR-13-WP-002925-01	405-2013-33002871	8/4/13	Carnsew Creek
AR-13-WP-002926-01	405-2013-33002872	SW55643743	Carnsew Creek

Please Find Enclosed

In Email	File Name	Size
1	A R: AR-13-WP-002923-01	670KB
1	A R: AR-13-WP-002924-01	670KB
1	A R: AR-13-WP-002925-01	670KB
1	A R: AR-13-WP-002926-01	670KB

AR-13-WP-002923-01  
405-2013-33002869

**Report No**

**Sample No**

**Page 1 of 2**

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Terry Stanley  
Cornwall Port Health Authority  
Port Health Office  
The Docks  
Falmouth  
Cornwall  
TR11 4NR

**To:**

**Status** : 00 Satisfactory

## **Certificate of Analysis or Examination carried out under the Food Safety**

### **(Sampling and Qualifications) (England) Regulations 2013**

I, the undersigned Public Analyst for Cornwall Port Health Authority

certify that at on the 1 May 2013

the sample marked:

**Date sample Taken Reference Number, Description, etc Weight or Measure**

8/4/13

Carnsew Pool

Carnsew Pool

Seal No: NoneFormal

08/04/2013

was received by me from you

**I certify that the sample was analysed by me or under my direction and the results are as follows:**

**Elements**

Copper 9.98 mg/kg

**Toxic Elements**

Lead 1.254 mg/kg

Dibutyltin (DBT) < 0.733 µg/kg

Dibutyltin (DBT) - Sn < 0.374 µg/kg

Diocetyl tin (DOT) < 0.733 µg/kg

Diocetyl tin (DOT) - Sn < 0.252 µg/kg

Monobutyltin (MBT) < 0.733 µg/kg

Monobutyltin (MBT) - Sn < 0.495 µg/kg

Monooctyltin (MOT) < 0.733 µg/kg

Monooctyltin (MOT) - Sn < 0.375 µg/kg

Tetrabutyltin (TTBT) < 0.733 µg/kg

Tetrabutyltin (TTBT) - Sn < 0.251 µg/kg

Tributyltin (TBT) 1.95 µg/kg

Tributyltin (TBT) - Sn 1 µg/kg

Tricyclohexyltin (TCHT) < 1.47 µg/kg

Tricyclohexyltin (TCHT) - Sn < 0.473 µg/kg

Triphenyltin (TPhT) < 0.733 µg/kg

Triphenyltin (TPhT) - Sn < 0.249 µg/kg

**My opinion and observations are:**

The Contaminants in Food (England) Regulations 2010 and Commission Regulation (EC) No 1881/2006 set maximum

limits for the lead content of certain foods. No specific limits are given for copper or for organotin compounds.

The limit for lead in bivalve molluscs is 1.5 milligrams per kilogram. Allowing for analytical uncertainty, the level found in

this sample complies with the regulations.

The Joint FAO/WHO Joint Expert Committee on Food Additives, JECFA, has set a Provisional Maximum Tolerable Daily

Intake (PMTDI) for copper of 0.05 - 0.5 milligrams per kilogram of body weight (mg/kg bw). Allowing for the amount of this

food typically consumed in a day, I am of the opinion that the copper level of this sample was satisfactory.

The European Commission's Scientific Committee on Toxicity, Ecotoxicity and the Environment (1988) set an Acceptable

Daily Intake for Tributyl Tin (TBT) of 0.25 µg/kg bw. An ADI was established by WHO, (1991) for Triphenyl Tin (TPT) and

derivatives (0.5 ug/kg bw). Allowing for the amount of this food typically consumed in a day, I am of the opinion that the

organotin level of this sample was satisfactory.

I am therefore of the opinion that the sample satisfied the tests applied.

**I further certify that the sample had undergone no change which would affect my results, opinion or observations.**

AR-13-WP-002923-01

405-2013-33002869

**Report No**

**Sample No**

**Page 2 of 2**

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Terry Stanley

Cornwall Port Health Authority

Port Health Office

The Docks

Falmouth

Cornwall

TR11 4NR

**To:**

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## **Certificate of Analysis or Examination carried out under the Food Safety**

### **(Sampling and Qualifications) (England) Regulations 2013**

**Signature**

**Official address**

i54 Business Park

Valiant Way

Wolverhampton, West Midlands, WV9 5GB

T +44 1902 627200

F +44 1902 627296

**Certified by me this 10 day of June 2013 at Wolverhampton**

**Status**

**Name in BLOCK LETTERS** NIGEL PAYNE

Public Analyst

**Email** NigelPayne@PublicAnalystServices.co.uk

Public Analyst Scientific Services Ltd

AR-13-WP-002924-01  
405-2013-33002870

**Report No**

**Sample No**

**Page 1 of 2**

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certify that at on the 1 May 2013

the sample marked:

**Date sample Taken Reference Number, Description, etc Weight or Measure**

SW55553733

Carnsew Pool

Carnsew Pool

Seal No: NoneFormal

05/03/2013

was received by me from you

I certify that the sample was analysed by me or under my direction and the results are as follows:

#### **Elements**

Copper 12.9 mg/kg

#### **Toxic Elements**

Lead 1.382 mg/kg

Dibutyltin (DBT) <1 µg/kg

Dibutyltin (DBT) - Sn 0 µg/kg

Dioctyltin (DOT) < 0.629 µg/kg

Dioctyltin (DOT) - Sn < 0.216 µg/kg

Monobutyltin (MBT) < 0.629 µg/kg

Monobutyltin (MBT) - Sn < 0.425 µg/kg

Monooctyltin (MOT) < 0.629 µg/kg

Monooctyltin (MOT) - Sn < 0.322 µg/kg

Tetrabutyltin (TTBT) < 0.629 µg/kg

Tetrabutyltin (TTBT) - Sn < 0.215 µg/kg

Tributyltin (TBT) 2.36 µg/kg

Tributyltin (TBT) - Sn 1 µg/kg

Tricyclohexyltin (TCHT) < 1.26 µg/kg

Tricyclohexyltin (TCHT) - Sn < 0.406 µg/kg

Triphenyltin (TPhT) < 0.629 µg/kg

Triphenyltin (TPhT) - Sn < 0.213 µg/kg

#### **My opinion and observations are:**

The Contaminants in Food (England) Regulations 2010 and Commission Regulation (EC) No 1881/2006 set maximum

limits for the lead content of certain foods. No specific limits are given for copper or for organotin compounds.

The limit for lead in bivalve molluscs is 1.5 milligrams per kilogram. Allowing for analytical uncertainty, the level found in

this sample complies with the regulations.

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Intake (PMTDI) for copper of 0.05 - 0.5 milligrams per kilogram of body weight (mg/kg bw). Allowing for the amount of this

food typically consumed in a day, I am of the opinion that the copper level of this sample was satisfactory.

The European Commission's Scientific Committee on Toxicity, Ecotoxicity and the Environment (1988) set an Acceptable

Daily Intake for Tributyl Tin (TBT) of 0.25 µg/kg bw. An ADI was established by WHO, (1991) for Triphenyl Tin (TPT) and

derivatives (0.5 ug/kg bw). Allowing for the amount of this food typically consumed in a day, I am of the opinion that the

organotin level of this sample was satisfactory.

I am therefore of the opinion that the sample satisfied the tests applied.

**I further certify that the sample had undergone no change which would affect my results, opinion or observations.**

AR-13-WP-002924-01

405-2013-33002870

**Report No**

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**Page 2 of 2**

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**Status**

**Name in BLOCK LETTERS** NIGEL PAYNE

Public Analyst

**Email** NigelPayne@PublicAnalystServices.co.uk

Public Analyst Scientific Services Ltd



AR-13-WP-002925-01

405-2013-33002871

**Report No**

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the sample marked:

**Date sample Taken Reference Number, Description, etc Weight or Measure**

8/4/13

Carnsew Creek

Carnsew Creek

Seal No: NoneFormal

08/04/2013

was received by me from you

I certify that the sample was analysed by me or under my direction and the results are as follows:

#### **Elements**

Copper 9.42 mg/kg

#### **Toxic Elements**

Lead 1.601 mg/kg

Dibutyltin (DBT) 1.23 µg/kg

Dibutyltin (DBT) - Sn 1 µg/kg

Diocetyl tin (DOT) < 0.697 µg/kg

Diocetyl tin (DOT) - Sn < 0.240 µg/kg

Monobutyltin (MBT) < 0.697 µg/kg

Monobutyltin (MBT) - Sn < 0.471 µg/kg

Monooctyltin (MOT) < 0.697 µg/kg

Monooctyltin (MOT) - Sn < 0.357 µg/kg

Tetrabutyltin (TTBT) < 0.697 µg/kg

Tetrabutyltin (TTBT) - Sn < 0.238 µg/kg

Tributyltin (TBT) 2.27 µg/kg

Tributyltin (TBT) - Sn 1 µg/kg

Tricyclohexyltin (TCHT) < 1.47 µg/kg

Tricyclohexyltin (TCHT) - Sn < 0.475 µg/kg

Triphenyltin (TPhT) < 0.697 µg/kg

Triphenyltin (TPhT) - Sn < 0.236 µg/kg

#### **My opinion and observations are:**

The Contaminants in Food (England) Regulations 2010 and Commission Regulation (EC) No 1881/2006 set maximum

limits for the lead content of certain foods. No specific limits are given for copper or for organotin compounds.

The limit for lead in bivalve molluscs is 1.5 milligrams per kilogram. Allowing for analytical uncertainty, the level found in

this sample complies with the regulations.

The Joint FAO/WHO Joint Expert Committee on Food Additives, JECFA, has set a Provisional Maximum Tolerable Daily

Intake (PMTDI) for copper of 0.05 - 0.5 milligrams per kilogram of body weight (mg/kg bw). Allowing for the amount of this

food typically consumed in a day, I am of the opinion that the copper level of this sample was satisfactory.

The European Commission's Scientific Committee on Toxicity, Ecotoxicity and the Environment (1988) set an Acceptable

Daily Intake for Tributyl Tin (TBT) of 0.25 µg/kg bw. An ADI was established by WHO, (1991) for Triphenyl Tin (TPT) and

derivatives (0.5 ug/kg bw). Allowing for the amount of this food typically consumed in a day, I am of the opinion that the

organotin level of this sample was satisfactory.

I am therefore of the opinion that the sample satisfied the tests applied.

**I further certify that the sample had undergone no change which would affect my results, opinion or observations.**

AR-13-WP-002925-01

405-2013-33002871

**Report No**

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Public Analyst

**Email** NigelPayne@PublicAnalystServices.co.uk

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AR-13-WP-002926-01

405-2013-33002872

**Report No**

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**Page 1 of 2**

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I, the undersigned **Public Analyst** for Cornwall Port Health Authority

certify that at on the 1 May 2013

the sample marked:

**Date sample Taken Reference Number, Description, etc Weight or Measure**

SW55643743

Carnsew Creek

Carnsew Creek

Seal No: NoneFormal

05/03/2013

was received by me from you

I certify that the sample was analysed by me or under my direction and the results are as follows:

#### **Elements**

Copper 10.1 mg/kg

#### **Toxic Elements**

Lead 1.310 mg/kg

Dibutyltin (DBT) <1 µg/kg

Dibutyltin (DBT) - Sn 0 µg/kg

Dioctyltin (DOT) < 0.660 µg/kg

Dioctyltin (DOT) - Sn < 0.227 µg/kg

Monobutyltin (MBT) < 0.660 µg/kg

Monobutyltin (MBT) - Sn < 0.445 µg/kg

Monooctyltin (MOT) < 0.660 µg/kg

Monooctyltin (MOT) - Sn < 0.338 µg/kg

Tetrabutyltin (TTBT) < 0.660 µg/kg

Tetrabutyltin (TTBT) - Sn < 0.226 µg/kg

Tributyltin (TBT) 1.77 µg/kg

Tributyltin (TBT) - Sn 1 µg/kg

Tricyclohexyltin (TCHT) < 1.32 µg/kg

Tricyclohexyltin (TCHT) - Sn < 0.425 µg/kg

Triphenyltin (TPhT) < 0.660 µg/kg

Triphenyltin (TPhT) - Sn < 0.224 µg/kg

#### **My opinion and observations are:**

The Contaminants in Food (England) Regulations 2010 and Commission Regulation (EC) No 1881/2006 set maximum

limits for the lead content of certain foods. No specific limits are given for copper or for organotin compounds.

The limit for lead in bivalve molluscs is 1.5 milligrams per kilogram. Allowing for analytical uncertainty, the level found in

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**I further certify that the sample had undergone no change which would affect my results, opinion or observations.**

AR-13-WP-002926-01

405-2013-33002872

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**Name in BLOCK LETTERS** NIGEL PAYNE

Public Analyst

**Email** NigelPayne@PublicAnalystServices.co.uk

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