

Name of measuring program:

Schadstoffe in Sediment/Schwebstoff in deutschen Küsten- und Übergangsgewässern und der dt. AWZ -
Copy of ID: 96

ID of measuring program:

ANSDE_MP_348

Marine waters (seas):

ANS

indicators (2014):

- 13.1.10 Metalle

Monitoring programmes (north sea):

- Contaminant levels - in sediment

Monitoring programmes (baltic sea):

Temporal scope start:

1980-01-01

Temporal scope end:

Description monitoring period:

fortlaufend

Spatial scope:

- Coastal waters (WFD)

Description spatial scope:

Erfassung von Belastungen und Aktivitäten; Untersuchung der Herkunft, Verteilung und des Verbleibs der Schadstoffe

Purpose:

- Environmental state and impacts
- Pressures in the marine environment

Description of purpose:

Specifications:

- Pollutants (28)

Responsible institution:

- BfG
- LLUR
- NLWKN

Involved institution:

Elements monitored:

Parameter-Gruppen: PAK PCB Polychl. Dioxine/Furane CHC (Chlorkohlenwasserstoffe), DDT, HCH, HCB PFC OTC (OrganoZinnverbindungen) Biozide (Herbizide/Pestizide/PSM&Biozide) Flammenschutzmittel (PBDE, andere) PPCP (Pharmazeutika und Personal Care Products) Metalle Radionuklide Parameter CAS-No. Param. Gruppe dichlorodiphenyldichloroethane (p,p) 72-54-8 CP dichlorodiphenyldichloroethylene (p,p) 72-55-9 CP dichlorodiphenyltrichloroethane (p,p) 50-29-3 CP hexachlorobenzene 118-74-1 CP lindane, gamma-hexachlorocyclohexane 58-89-9 CP aluminium 7429-90-5 Met cadmium 7440-43-9 Met lead 7439-92-1 Met mercury 7439-97-6 Met chromium 7440-47-3 Met copper 7440-50-8 Met zinc 7440-66-6 Met nickel 7440-02-0 Met cesium-137 10045-97-3 Met tributyltin (TBT) 36643-28-4 OZK dibutyltin cation (DBT) 14488-53-0 OZK monobutyltin (MBT) 78763-54-9 OZK tetrabutyltin 1461-25-2 OZK triphenyltin (TPT) 892-20-6 OZK anthracene 120-12-7 PAH benzo(a)pyrene 50-32-8 PAH benzo(g,h,i)perylene 191-24-2 PAH chrysene 218-01-9 PAH fluoranthene 206-44-0 PAH indeno(1,2,3-c.d)pyrene 193-39-5 PAH phenanthrene 85-01-8 PAH pyrene 129-00-0 PAH benzo(a)anthracene 56-55-3 PAH acenaphthene 83-32-9 PAH acenaphthylene 208-96-8 PAH Alkylated Dibenzothiophenes not applicable PAH Alkylated Naphtalenes not applicable PAH Alylated Phenathrenes not applicable PAH benzo(b)fluoranthene 205-99-2 PAH benzo(b+k)fluoranthene ? PAH benzo(e)pyrene 192-97-2 PAH benzo(k)fluoranthene 207-08-9 PAH chrysene + triphenylene not applicable PAH naphthalene 91-20-3 PAH dibenzo(a,h)anthracene 53-70-3 PAH BDE 100 189084-64-8 PBDE BDE 154 207122-15-4 PBDE BDE 209 (Decabromdiphenylether) 1163-19-5 PBDE BDE 28 41318-75-6 PBDE BDE 66 189084-61-5 PBDE BDE 99 60348-60-9 PBDE BDE 191 189084-68-2 PBDE BDE 85 182346-21-0 PBDE BDE 153 68631- 49-2 PBDE BDE 47 5436-43-1 PBDE Pentachlorobiphenyl no. 101 37680-73-2 PCB Pentachlorobiphenyl no. 118 31508-00-6 PCB Hexachlorobiphenyl no. 138 35065-28-2 PCB Hexachlorobiphenyl no. 153 35065-27-1 PCB Heptachlorobiphenyl no. 180 28655-71-2 PCB Trichlorobiphenyl no. 28 7012-37-5 PCB Tetrachlorobiphenyl no. 52 35693-99-3 PCB Perfluorooctanesulfonic acid (PFOS) 1763-23-1 PFC Perfluorooctanoic acid (PFOA) 335-67-1 PFC perfluorooctyl sulfonate acid PFC Diclofenac 15307-79-6 Pharm EE2 (+E1,E2, E3) not applicable Pharm Hexabromocyclododecane (HBCD) not applicable arsenic 7440-38-2 Endosulfan 115-29-7 Chloralkanes

Link to parameters:

- MP-9b-2-2-1 - Spatial distribution/extent of pressure
- MP-9b-2-2-4 - Concentration of chemical/nutrient/pollutant in/on seabed substrate

Parameters measured:

table of method url:

Description sampling method:

ISO 5667-19, 2004: Wasserbeschaffenheit; Probenahme; Teil 19: Anleitung zur Probenahme mariner Sedimente ISO 5667-12: Wasserbeschaffenheit – Probenahme – Teil 12: Hinweise zur Probenahme von Sedimenten DIN EN ISO 5667-15, 2009. Wasserbeschaffenheit - Probenahme - Teil 15: Anleitung zur Konservierung und Handhabung von Schlamm- und Sedimentproben DIN EN ISO/IEC 17025, 2005: Allgemeine Anforderungen an die Kompetenz von Prüf- und Kalibrierlaboratorien (ISO/IEC 17025: 2005); Deutsche und Englische Fassung EN ISO/IEC 17025: 2005. CIS Guidance Document 25: Guidance on chemical monitoring of sediments and biota under the Water Framework Directive (2000/60/EC), 2010

Quality Assurance:

- Other standard (specify)
- IOC Manual of Quality Control Procedures for Validation of Oceanographic Data
- Quality Assurance of Information for Marine Environmental Monitoring in Europe

description quality assurance:

nach DIN EN ISO/IEC 17025

Quality Control:

Other type of QC (specify)

description quality control:

nach DIN EN ISO/IEC 17025

Spatial resolution (density) of sampling:

100

Description Spatial resolution (density) of sampling:

number of samples per year:

0

addendum number of samples per year:

> 100

frequency:

Other (specify)

Description frequency or rather cycle or count per year:

BSH BfG IOW NLWKN LLUR LUNG Metalle (Sediment) März monatl. Mischproben (alle BfG-Stationen mit Ausnahme Wilhelmshaven Vorhafen (vierteljährliche Mischprobe) Juni/Juli 1 mal in 3

Jahren (Juli/Aug/Sept) Juli oder Aug (alle 2 Jahre) Juli/Aug/Sept) (alle 3 Jahre) Organ. Schadstoffe (Sediment) Mai/Juni monatl. Mischproben (alle BfG-Stationen mit Ausnahme Wilhelmshaven Vorhafen (vierteljährliche Mischprobe) Juni/Juli 1 mal in 3 Jahren (Juli/Aug/Sept) Juli oder Aug (alle 2 Jahre) Juli/Aug/Sept) (alle 3 Jahre) Radionuklide (Sediment) Aug./Sept Juni/Jul (Ostsee)

periodicity of sampling:

Yearly

Description monitoring programm details:

data aggregation scale:

- Region
- Subregion

description data aggregation scale:

Access to data - Data type:

- Data products

Access to data - mechanism:

Provide location of data in international data centre (e.g. RSC, ICES, EEA, EMODnet)

Access to data - Rights:

Open access

Access to data - INSPIRE standard:

- Environmental monitoring facilities

Access to data - Date of reporting:

1970-01-01

Access to data - Data updated frequency:

Yearly

Description data frequency:

Link to parameters:

[ICES-Datenbank DOME \(Marine Environment\)](#)

Access to data - Description:

change:

