

Miljögifter i slam

Bilagor

Bilaga 1 Organiska ämnen i slam – litteratursammanställning

Sammanställning över ämnen identifierade och uppmätta i slam, referenserna finns i referenslistan.

Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr	
Aliphatics	Acrylonitrile	107-13-1	aliphatics/ N-alkanes	n-C11/undecane	1120-21-4	
	Butane (1,2,3,4-diepoxy)	298-18-0		n-C12/dodecane	112-40-3	
	Butanol (iso)	78-83-1		n-C14	629-59-4	
	Butanone (2-)	78-93-3		n-C15/pentadecane	629-62-9	
	Carbon disulfide	75-15-0		n-C16/hexadecane	544-76-3	
	Crotonaldehyde	123-73-9		n-C17	629-87-7	
	Cyclopentadiene (hexachloro)	77-47-4		n-C18	593-45-3	
	Ethane (hexachloro)	67-72-1		n-C19	629-92-5	
	Ethane (monochloro)	75-00-3		n-C20/Eicosane	112-95-8	
	Ethane (pentachloro)	76-01-7		n-C21	629-94-7	
	Ethane (tetrachloro)	79-34-5		n-C22	629-97-0	
	Ethane (trichloro)isomers	79-00-5; 71-55-6		n-C23	638-67-5	
	Ethylene (dichloro)	75-35-4; 156-59-2; 156-60-5; 540-59-0		n-C24	646-31-1	
	Ethylene (monochloro)	9002-86-2		n-C25	629-99-2	
	Ethylene (tetrachloro)	127-18-4		n-C26	630-01-3	
	Ethylene (trichloro)	79-01-6		n-C27	593-49-7	
	Hexachloro-1,3-Butadiene	87-68-3		n-C28	630-02-4	
	Hexanoic acid	142-62-1		n-C29	630-03-5	
	Hexanone (2-)	591-78-6		n-C30	638-68-6	
	Methane (dichloro)	75-09-2		n-C31	630-04-6	
	Methane (monochloro)	74-87-3		n-C32	544-85-4	
	Methane (tetrachloro)	52-23-5		n-C33	630-05-7	
	Methane (trichloro)	67-66-3		n-C34	14167-59-0	
	Methane (trichlorofluoro)	75-69-4		n-C35	630-07-9	
	N-alkanes (polychlorinated)	*		n-C36	630-06-8	
	Pentanone (methyl)	108-10-1		n-C9/Nonane	111-84-2	
	Phytane	638-36-8		Amines	DCHA	101-83-7
	Pristane	1921-70-6			DPA/Diphenyl amine	122-39-4
	Propane (dichloro) isomers	78-99-9; 78-87-5; 142-28-9; 594-20-7			IPPD	101-72-4
	Propane (trichloro)	7789-89-1			NCBA	28291-75-0
	Propanenitrile (ethyl cyanide)	107-12-0			N-nitrosodiphenylamine	31432-60-7
	Propanone (2-)	67-64-1			N-nitrosodiethylamine	55-18-5
Propen-1-ol (2-)	107-18-6	N-nitrosodimethylamine	62-75-9			
Propene (trichloro)	96-19-5	N-nitrosodi-n-butylamine	924-16-3			
Propene chlorinated isomers	*	N-nitrosomorpholine	59-89-2			
Propenenitrile (methyl)	25067-61-2	N-nitrosopiperidine	100-75-4			
Squalene	111-02-4	N-nitrosopyrrolidine	930-55-2			
Sulfone (dimethyl)	67-71-0	Antibiotics and pharmaceuticals	1,7-Dimethylxanthine	611-59-6		
			4-EACTC	158018-53-2		
			4-EATC	4465-65-0		
			4-ECTC	14297-93-9		
			4-EOTC	14206-58-7		
		4-Epitetracycline (ETC)	23313-80-6			

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Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr
Antibiotics and pharmaceuticals	Acetaminophen	103-90-2	Antibiotics and pharmaceuticals	Lincomycin	154-21-2
	ACTC	13803-65-1		Lomefloxacin	98079-51-7
	Albuterol	18559-94-9		Loratidine	79794-75-5
	Amitriptyline	50-48-4		Lymecycline	992-21-2
	Anhydro-erythromycin	23893-13-2		Mefenamic acid	61-68-7
	Anhydrotetracycline (ATC)	4496-85-9		Metformin	657-24-9
	Atenolol	29122-68-7; 93379-54-5; 60966-51-0		Metformin (hydrochloride)	1115-70-4
	Azithromycin	83905-01-5		Methamphetamine	537-46-2
	Benzafibrate	41859-67-0; 104-14-3		Metoprolol	37350-58-6
	Caffeine	58-08-2		Miconazole	22916-47-8
	Carbadox	6804-07-5		Minocycline	10118-90-8
	Carbamazepine	298-46-4		Naproxan	22204-53-1
	Cefotaxime	63527-52-6		Norfloxacin	70458-96-7
	Chloramphenicol	56-75-7		Norgestimate	35189-28-7
	Chlorocycline	82-93-9		Ofloxacin	82419-36-1
	Chlorpromazine	50-53-3		Omeprazole	73590-58-6
	Chlortetracycline	57-62-5		Ormetoprim	6981-18-6
	Cimetidine	51481-61-9		Oxacillin	66-79-5
	Ciprofloxacin	85721-33-1		Oxolinic Acid	14698-29-4
	Clarithromycin	81103-11-9		Oxytetracycline (hydrochloride)	2058-46-0
	Clinafloxacin	105956-97-6		Oxytetracycline	79-57-2
	Clindamycin	18323-44-9		Paroxetine	61869-08-7
	Clofibric Acid	882-09-7		Penicillin G	61-33-6
	Cloxacillin	61-72-3		Penicillin V	87-08-1
	Codine	76-57-3		Primidone	125-33-7
	Cotinine	486-56-6		Propranolol	525-66-6
	Dehydronifedipine	67035-22-7		Ranitidine	66357-35-5
	Demeclocycline	127-33-3		Ranitidine (hydrochloride)	66357-59-3
	Diazepam	439-14-5		Roxithromycin	80214-83-1
	Dichlofenac	15307-86-5		Salicylic acid	69-72-7
	Dicloxacillin	3116-76-5		Sarafloxacin	98105-99-8
	Digoxigenin	1672-46-4		Sotalol	3930-20-9
	Digoxin	20830-75-5		Sulfachloropyridazine	80-32-0
Diltiazem	42399-41-7	Sulfadiazine	68-35-9		
Diphenhydramine	58-73-1	Sulfadimethoxine	122-11-2		
Doxycycline	564-25-0	Sulfamerazine	127-79-7		
Enrofloxacin	93106-60-6	Sulfamethazine	57-68-1		
Erythromycin	114-07-8	Sulfamatazine	1981-58-4		
Famotidine	76824-35-6	Sulfamethizole	144-82-1		
Fenofibrate	49562-28-9	Sulfamethoxazole	723-46-6		
Fenofibric acid	42017-89-0	Sulfanilamide	63-74-1		
Fenoprofen	31879-05-7	Sulfathiazole	72-14-0		
Flumequine	42835-25-6	Sulfisoxazole	127-69-5		
Fluoxetine	54910-89-3	Tetracycline	60-54-8		
Gemfibrozil	25812-30-0	Thiabendazole	148-79-8		
Glibenclamide	10238-21-8	Thionidazine	50-52-2		
Hydrochlorothiazide	58-93-5	Triclocarban	101-20-2		
Ibuprofen	15687-27-1	Triclosan (4-chloro-2-(2,4-dichlorophenoxy)-phenol	3380-34-5		
Indometacin	53-86-1	Trimethoprim	738-70-5		
Isochlortetracycline (ICTC)	514-53-4	Tylosin	1401-69-0		
Ketoprofen	22071-15-4	Virginiamycin	11006-76-1		
		Warfarin	81-81-2		

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Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr	
Anti-oxidant	Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	2082-79-3	dioxins and furans	HpBDT	*	
				HpBDTA	*	
HxBDT	*					
HxBDTA	*					
OBDD	*					
OBDF	*					
OBDT	*					
OBDTA	*					
OCDD	3268-87-9					
OCDF	39001-02-0					
PCDD/PCDF	*					
PDDD	*					
PDDF	*					
PDDT	*					
PDDTA	*					
chlorobenzenes	Benzene (dichloro) isomers	95-50-1; 541-73-1; 106-46-7	Flame retardant	Dechloran plus (DP)	13560-89-9	
	Benzene (monochloro)	108-90-7		HBDD	3194-55-6	
Benzene (pentachloro)	608-93-5	Cyclododecane (hexabromo) isomers		25637-99-4		
Benzene (tetrachloro)	95-94-3; 634-66-2; 634-90-2	Tetrabromobisphenol A (dimethyl)		37853-61-5		
Benzene (trichloro) isomers	12002-48-1	Acetyl Cedrene		32388-55-9		
Detergents	LAS C10	1322-98-1		Fragrance material	ADBI (Celestolide) 4-acetyl-1,1-dimethyl-6-tert-butylindan	13171-00-1
	LAS C11	27636-75-5			AHMI (Phantolide) 6-acetyl-1,1,2,3,3,5-hexamethylindan	15323-35-0
	LAS C12	25155-30-0			Amino Musk Ketone	*
	LAS C13	26248-24-8			Amino Musk Xylene (AMX)	*
	LAS C14	28348-61-0			Cashmeran (DPM) (6,7-dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone)	33704-61-9
	LAS	69669-44-9			Diphenyl ether	101-84-8
	Alcohol ethoxylates	*			d-Limonene	5989-27-5
	Alkylbenzene sulfonates	*			Galaxolide (HHCB) (1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[gl]-benzopyran)	1222-05-5
	Alkylphenolcarboxylates	*			Galaxolide lactone(1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[gl]-2-benzopyran-1-one)	*
	Alkylphenolethoxylates	*	Hexyl salicylate		6259-76-3	
Alkylphenols (nonyl and octylphenol)	*	Hexylcinnamic Aldehyde (Alpha)	101-86-0			
Coconut diethanol amides	*	Limonene	138-86-3			
dioxins and furans	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	70648-26-9	i-Limonene		5989-54-8	
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	39227-28-6			Methyl ionone (gamma)	127-51-5
	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	57117-44-9		Musk Ketone (MK) (4-tert-butyl-3,5-dinitro-2, 6-dimethylacetophenone)	81-14-1	
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	57653-85-7		Musk Xylene (1-tert-butyl-3,5-dimethyl-2,4,6-trinitrobenzene)	81-15-2	
	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	72918-21-9		OTNE (1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl))	54464-57-2	
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	19408-74-3				
	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	57117-41-6				
	1,2,3,7,8-Pentachlorodibenzo-p-dioxins (PeCDD)	40321-76-4				
	1234678 HpCDD (HpCDD tot cas)	37871-00-4				
	1234678 HpCDF (HpCDF tot cas)	38998-75-3				
	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	60851-34-5				
	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	57117-31-4				
	2,3,7,8-TeBDT	*				
	2,3,7,8-tetrabromodibenzo-4-dioxin	50585-41-6				
	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	51207-31-9				
	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6				
	2,3,7,8-Tetrachlorodibenzothiophene	133513-17-4				
	Dioxins and furans (polychlorinated dibenzo)	*				
	HpBDD	*				
	HpBDF	*				
HxBDD	*					
HxBDF	*					

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Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr
Fragransmaterial	Polycyclic musks AHTN	1506-02-1	Monocyclic hydrocarbons and heterocycles	Acetophenone	98-86-2
	Polycyclic musks HHCB	1222-05-05		Aniline (2,4,5-trimethyl)	137-17-7
	Tonalide (1-[5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl]-ethanone)	21145-77-7		Benzene	71-43-2
	Traseolide (ATI) (1-[2,3-dihydro-1,1,2,6-tetramethyl-3-(1-methylethyl)-1H-inden-5-yl]ethanone)	68140-48-7		Benzene (1,4-dinitro)	100-25-4
heterocycles	1-Benzothiophene	95-15-8		Benzene (ortho)	100-41-4
	2,3-Benzofuran	271-89-6		Benzene (mononitro)	98-95-3
	5H-Benzo(a)carbazole	243-28-7		Benzene (trinitro)	99-35-4
	7H-Dibenzo(c,g)carbazole	194-59-2		Benzothiazole (2-methylthio)	615-22-5
	Acridine	260-94-6		Benzothiol	108-98-5
	Benzo(a)acridine	225-11-6		Benzoic acid	65-85-0
	Benzo(b)naphtho[2,1-d]thiophene	239-35-0		Benzyl alcohol	100-51-6
	Benzo(b)naphthofuran	*		Cymene (P-)	99-87-6
	Carbazole	86-74-8		Dioxane (1,4-)	123-91-1
	Dibenzo(a,h)acridine	226-36-8		Picoline (2-)	109-06-8
	Dibenzofuran	132-64-9		Styrene	100-42-5
	Dibenzothiophene	132-65-0		Terpenol (alpha)	98-55-5
	Indole	120-72-9	Thioxanthene-9-one	492-22-8	
	Iso-quinoline	119-65-3	Toluene (2,4-dinitro)	121-14-2	
Quinoline	91-22-5	Toluene (chloro)	95-49-8; 108-41-8; 106-43-4		
Misc	1-Hexadecanol	36653-82-4	Toluene (para nitro)	99-99-0	
	4-Chloroaniline	106-47-8	Toluene (trinitro)	118-96-7	
	Alkyl and aromatic amines/mines	*	Toluene,	108-88-3	
	Arochlor mixtures	*	Xylene isomers	1330-20-7; 95-47-6; 108-38-3; 106-42-3	
	b-Bromostyrene	103-64-0	nitro-PAH	1,3-Dinitropyrene	75321-20-9
	Carbonyl	*		1,6-Dinitropyrene	42397-64-8
	Chlorinated paraffins	*		1-Nitronaphthalene	86-57-7
	Chlorinated phenols	*		1-Nitropyrene	5522-43-0
	Decanoic acid	334-48-5		2-Nitrofluoranthene + 3-nitrofluoranthene	13177-29-2
	Halogenated aliphatics	*		2-Nitrofluorene	607-57-8
	m-Chlorostyrene	2039-85-2		2-Nitronaphthalene	581-89-5
	Monocyclic aromatics	*		3-Nitrobenzanthrone	17117-34-9
	Monocyclic aromatics (chloro- and nitro anilines)	*		4-Nitropyrene	57835-92-4
	Non-halogenated monocyclic aromatics	*	7-Nitrobenzo(a)anthracene	20268-51-3	
o-Chlorostyrene	2039-87-4	9-Nitroanthracene	602-60-8		
Octachlorostyrene	29082-74-4	Organotin	Dibutyl tin cation	1002-53-5	
Organic halides absorbable (AOX)	59473-04-0		Dioctyl tin cation	94410-05-6	
Organic halides extractable (EOX)	*		Diphenyl tin cation	1135-99-5 (CI)	
p-Chlorostyrene	1073-67-2		Monobutyl tin cation	*	
PCNs	*		monobutyltin	*	
Pentanoic acid	109-52-4		Monobutyltin	78763-54-9	
Pentanoic acid,4-methyl	646-07-1		Monooctyl tin cation	*	
Phenol	108-95-2		Monophenyl tin cation	*	
Polychlorinated n-alkanes (C10-C13) PCA = SCCP	85535-84-8		Monophenyltin	*	
Polychlorinated n-alkanes (C14-C17) PCA = MCCP	85535-85-9		Organtins	*	
Polyorganosiloxanes	*		Phenyltin (di)	*	
Tetradecanoic acid	544-63-8	Phenyltin (mono)	*		
Vitamin E	59-02-9	Phenyltin (tri)	*		
		Tributyl tin cation	36643-28-4		
		Tributyltin	56573-85-4		
		Tributyltin oxide	56-35-9		
		Triphenyl tin	76-87-9; 900-95-8; 639-58-7; 668-34-8		

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Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr
oxPAH	1,2-Acenaphthylenedione	82-86-0	PAH	Ethylmethyl-4H-cyclopenta(d,a,l)phenanthrene	*
	1-Hydroxy-9-fluorenone	6344-60-1		Ethylphenanthrene (3-)	1576-68-7
	2-Hydroxy-9-fluorenone	6949-73-1		Fluoranthene	206-44-0
	2-Methyl-anthraquinone	84-54-8		Fluorene	86-73-7
	4H-Cyclopenta[def]phenanthren-4-one	5737-13-3		Hexachloro naphthalene	1335-87-1
	6H-Benz[cd]pyren-6-one	3074-00-8		Indeno[1,2,3-c,d]pyrene	193-39-5
	7H-Benz[de]anthracen-7-one	82-05-3		Naphthalene	91-20-3
	9-Fluorenone	486-25-9		Naphthalene methyl isomers	*
	Anthraquinone	84-65-1		Naphthalene methyl congeners	*
	Benzo[a]anthracene-7,12-dione	2498-66-0		Naphthalene nitro congeners	86-57-7; 581-89-5
PAH	1-Methyl naphthalene	90-12-0	PAHs	*	
	1-Methyl pyrene	2381-21-7	Perylene	198-55-0	
	2-Methyl naphthalene	91-57-6	Phenanthrene	85-01-8	
	2-Methyl phenanthrene	2531-84-2	Phenanthrene methyl isomers	*	
	2-Methyl pyrene	*	Pyrene	129-00-0	
	2-Phenyl naphthalene	612-94-2	Pyrene (phenyl)	5101-28-0	
	3-Methyl naphthalene	*	Retene (7-isopropyl-1-methylphenanthrene)	483-65-8	
	Acenaphthylene	208-96-8	Tetrachloro naphthalene	1335-88-2	
	Anthracene	120-12-7	Triphenylene	217-59-4	
	Benzidine	92-87-5	BDE-100	189084-64-8	
	Benzo[a]anthracene	56-55-3	BDE-138	182677-30-1	
	Benzo[a]carbazole	34777-33-8	BDE-153 (2,2',4,4',5,5'-hexabromodiphenyl)	68631-49-2	
	Benzo[a]fluorene	238-84-6; 239-01-0	BDE-154	207122-15-4	
	Benzo[b]fluoranthene	205-99-2	BDE-183	207122-16-5	
	Benzo[b]fluorene	30777-19-6	BDE-209 (decabromodiphenyl)	1163-19-5	
	Benzo[b]naphtho[1,2-d]thiophene	205-43-6	BDE-28	41318-75-6	
	Benzo[b]naphtho[2,3-d]furan	243-42-5	BDE-47 (2,2',4,4'-tetrabromodiphenyl)	5436-43-1	
	Benzo[c]phenanthrene	195-19-7	BDE-66	187084-61-5	
	Benzo[e]pyrene	50-32-8	BDE-85	32534-81-9	
	Benzo[e]pyrene	192-97-2	BDE-99 (2,2',4,4',5-pentabromodiphenyl)	60348-60-9	
	Benzo[g,h,i]perylene	191-24-2	BDEtotal, Brominated diphenyl ether congeners (BDEs)	*	
	Benzo[j]fluoranthene	205-82-3	Pentabromodiphenyl ether 85	182346-21-0	
	Benzo[k]fluoranthene	207-08-9	Phenylether (chloro)	*	
	Biphenyl	92-51-3; 92-52-4	Aroclor 1016	12674-11-2	
	C1-Benz[a]anthracene/C1-chrysene	*	Aroclor 1248	12672-29-6	
	C1-Dibenzofuran	*	Aroclor 1254	11097-69-1	
	C1-Dibenzothiophene	*	Aroclor 1260	11096-82-5	
	C1-Fluorene	*	PCB 101	37680-73-2	
	C1-Phenanthrene	*	PCB 105	32598-14-4	
	C2-Dibenzofuran	*	PCB 118	31508-00-6	
	C2-Dibenzothiophene	*	PCB 138	35065-28-2	
	C2-Fluoranthene/C2-pyrene	*	PCB 153	35065-27-1	
	C2-Phenanthrene	*	PCB 156	38380-08-4	
	C3-Dibenzothiophene	*	PCB 167	52663-72-6	
	C3-Phenanthrene	*	PCB 180	35065-29-3	
	C4-Naphthalene	*	PCB 209	2051-24-3	
	Chrysene	218-01-9	PCB 28	7012-37-5	
	Chrysene+triphenylene	*	PCB 31	16862-07-4	
	Coronene	191-07-1	PCB 52	35693-99-3	
	Dibenzo[a,h]anthracene	53-70-3	PCB congeners	*	
	Dibenzoanthracene congeners	*			
	Dibenzofluoranthene	60382-88-9			
Dimethyl naphthalene	28804-88-8				
Dimethylphenanthrene	1576-67-6				

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Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr
PCPs	BLS (4,4'-bis(4-chloro-3-sulfostyryl)-biphenyl)	*	pesticides	Naphthoquinone	524-42-5; 130-15-4
	DAS 1 (4,4'-bis[4-(4-anilino-6-morpholino-1,3,5-triazin-2-yl)-amino]stilbene-2,2'-disulfonate)	16090-02-1		Nitrofen	1836-75-5
	DSBP (4,4'-bis(2-sulfostyryl)biphenyl)	27344-41-8		Organochlorine pesticide	*
perfluorochemicals	PFOA	335-67-1; 3825-26-1; 335-95-5		p, p'-DDD	72-54-8
	PFOS	307-35-7		p, p'-DDE	72-55-9
	N-EPFOSAA = 2-(N-ethylperfluorooctanesulfonamido)acetate	*		p, p'-DDT	50-29-3
	N-MePFOSAA = 2-(N-methylperfluorooctanesulfonamido)acetate	*		Parathion (ethyl)	56-38-2
	Perfluoro undecanoic acid (PFUnDA)	4234-23-5		Parathion (methyl)	298-00-0
	Perfluorodecane sulfonate (PFDS)	67906-42-7		Permethrin	52645-53-1
	Perfluorodecanoic acid (PFDA)	335-76-2		Phenoxy herbicides	*
	Perfluorododecanoic acid (PFDDA)	307-55-1		Phenoxypropanoic acid (trichloro)	*
	Perfluorohexane sulfonate (PFHxS)	355-46-4		Phorate (O,O-diethyl S-[(ethylthio) methyl] phosphorodithioate)	298-02-2
	Perfluorononanoic acid (PFNA)	375-95-1		Phosphamidon	13171-21-6
	Perfluorooctane sulfonamide (PFOSA)	754-91-6		Pronamide (dichloro (3,5)-N-(1,1-dimethylpropyl) benzamide)	66393-62-2
PFOSAA = perfluorooctanesulfonamidoacetate	*	Pyrophosphate (tetraethyl)		107-49-3	
PFTA = perfluorotetradecanoic acid	376-06-7	Quintozene/Berzane (pentachloronitro)	82-68-8		
pesticides	Aldrin	309-00-2	Saflor (iso)	120-58-1	
	Azinphos Methyl	86-50-2	Saflor (EPN)	94-59-7	
	Capsaicin	404-86-4	Toxaphene	8001-35-2	
	Captaf	133-06-2	Trichlorofen	52-68-6	
	Chlordane	57-74-9	Trifluralin (Triflan)	1582-09-8	
	Chlorobenzilate	510-15-6	α-Endosulfan	959-98-8	
	Chloropyrifos	2921-88-2	β-HCH	319-85-7	
	Ciodrin	7700-17-6	γ-HCH	58-89-9	
	DCCIT	64359-81-5	2,4,6-tribromophenol	118-79-6	
	Diallate	2303-16-4	4-Cumylphenol	599-64-4	
	Diazinon	333-41-5	4-Nonyl phenol	104-40-5	
	Dicrotophos (Bidrin)	3735-78-2	4-Nonylphenol, branched	84852-15-3	
	Dieldrin	60-57-1	4-Nonylphenol-mono-ethoxylate	104-35-8	
	Dimethoate	60-51-5	4-Tert-octyl phenol	140-66-9	
	Disulfotone	298-04-4	4-Tert-octylphenol-di-ethoxylate	*	
	Duron	330-54-1	4-Tert-octylphenol-mono-ethoxylate	*	
	Endosulfans	*	Bisfenol-A (BPA)	80-05-7	
	Endrin	72-20-8	Higher NP-EOs NP(4-17)EO	*	
	Famphur	52-85-7	Hydroquinone	123-31-9	
	Heptachlor	76-44-8	Hydroxybiphenyls (2-hydroxybiphenyl)	90-43-7	
	Heptachlor epoxides	*	Nonylphenol (NP)	25154-52-3	
	Hexachlorobenzene (HCB)	118-74-1	NP tri-EO (NP3EO)	*	
	Hexachlorophene	70-30-4	NPE1O	27986-36-3	
	Igarol	28159-98-0	NPE2O	20427-84-3	
	Isobenzan	297-78-9	Pentachlorophenol	87-86-5	
	Isodrin	465-73-6	Phenol chloro congeners	*	
	Isophorona	78-59-1	Phenol chloro methyl congeners	*	
	Leptophos	21609-90-5	Phenol methyl congeners	*	
	Methoxychlor	*	Phenol nitro methyl congeners	*	
	Mevinphos (phosdrin)	26718-65-0	Phenols nitro congeners	*	
	Naled (Dibrom)	300-76-5	Tetrabromobisphenol A	79-94-7	

Miljögifter i slam

Grupp	Ämne	CAS nr	Grupp	Ämne	CAS nr			
Phthalate acid ester/plasticizers	Benzylbutylphthalate (BBP)	85-68-7	steroids and hormones	Cholesterol	57-88-5			
	Bis(2-chloroethoxy) methane	111-91-1		Coprostanol	360-68-9			
	Bis(2-chloroethyl) ether	111-44-4		Desmosterol	313-04-2			
	Bis(2-chloroisopropyl) ether	108-60-1		Epicooprostanol	516-92-7			
	Bis(2-ethylhexyl)phthalate	117-81-7		Equilenin	517-09-9			
	Di(2-ethylhexyl) adipate	103-23-1		Equilin	474-86-2			
	Di(2-ethylhexyl) phthalate	117-81-7		Ergosterol	57-87-4			
	Di-(iso-nonyl)-phthalate (DINP)	28553-12-0		Estrinol	50-27-1			
	Di-n-nonyl-phthalate (DnNP)	84-76-4		Estrone	53-16-7			
	Di-n-octyl-phthalate (DnOP)	117-84-0		Meastranol (MEE2)	72-33-3			
	Diethyl phthalate	84-66-2		Norethindrone	68-22-4			
	Di-iso-butyl phthalate	84-69-5		Norgestral	6533-00-2			
	Diisodocyl phthalate	26761-40-0		Progesterone	57-83-0			
	Di-n-butylphthalate (DBP)	84-74-2		Sitostanol (5a-b+5b-b-)	83-45-4			
Dipentylphthalate (DPP)	131-18-0	Sitostanol (b-)	83-46-5					
Plasticizer metabolite	2-Ethylhexanal	123-05-7	Stigmastanol	83-48-7				
	2-Ethylhexanoic acid	149-57-5	Testosterone	58-22-0				
	2-Ethylhexanol	104-76-7	Triaryl phosphate esters	Cresyl(diphenyl) phosphate	26444-49-5			
Polychlorinated biphenyls, naphthalenes, dibenzofurans and furans	Terphenyls and naphthalenes (polychlorinated)	*		Poly(ethylene glycol)s	*			
				Triaryl/alkyl phosphate esters	*			
polychlorinated biphenyls	PCN	70776-03-3		Tricresyl phosphate	1330-78-5			
				QAC	Tri-n-butylphosphate	126-73-8, 6131-90-4		
Siloams	Decamethylcyclopentasiloxane (d5)	541-02-6			Triphenylphosphate	115-86-6		
			Octamethylcyclotetrasiloxane (D4)		556-67-2	Triethyl phosphate	25155-23-1	
steroids and hormones	PDMS	63148-62-9				UV-filter	3-BC	15087-24-8
			17 Alpha-Dihydroequilin		651-55-8		4-MBC	36861-47-9, 38102-62-4
			17 Alpha-Estradiol		57-91-0		BMDM	70356-09-1
			17 Alpha-Ethinyl-Estradiol	57-63-6	BMDBM			
			17 Beta-Estradiol	50-28-2	BP3		131-57-7	
			Androstenedione	63-05-8	DBENZO		302776-68-7	
			Androsterone	53-41-8	DHB/BP1		131-56-6	
			Beta stigmastanol	19466-47-8	DHMB		131-53-3	
			Beta-Estradiol 3-Benzate	50-50-0	EHS		118-60-5	
			Campestanol	474-60-2	HMS-1		118-56-9	
Cholesterol	80-97-7	IMC	71617-10-2					
		IAMC						
		OC	6197-30-4					
		OD-PABA	21245-					
		OMC	5466-77-3					
			02-3					

Källa:

”Organiska miljögifter i sockerbetor och blast odlade på mark gödslad med kommunalt avloppsslam”

Rapport Nr 2014 12
Svenskt Vatten Utveckling

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