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6	SUPERIOR COUR	RT OF WASHINGTON	
7		RCE COUNTY	
8	STATE OF WASHINGTON,	NO.	
9	DEPARTMENT OF ECOLOGY,		
10	Plaintiff,	CONSENT DECREE WITH LOUISIANA PACIFIC	
11	v.	CORPORATION AND WASSER AND WINTERS COMPANY	
	MURRAY PACIFIC CORPORATION,	AND WINTERS COMPANT	
12	LOUISIANA PACIFIC CORPORATION and WASSER &		
13	WINTERS COMPANY,		
14	Respondents.		
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I.

I. INTRODUCTION

In entering into this Consent Decree (Decree), the mutual objective of the Washington State Department of Ecology (the "Department") and Louisiana-Pacific Corporation ("Louisiana-Pacific") and Wasser & Winters Company ("W&W") is to provide for remedial action at a location where there has been a release of hazardous substances. This Decree requires Louisiana-Pacific to provide funding to be utilized by the Department in implementing the Cleanup Action Plan and for W&W to waive its B&L claims in bankruptcy against Asarco. The Department has determined that the actions described in the Cleanup Action Plan are necessary to protect public health and the environment.

The Department, Louisiana-Pacific, and W&W, along with Murray Pacific Corporation, have also entered into a settlement agreement with ASARCO LLC, one of the debtors in the U.S. Bankruptcy Court matter styled, In re ASARCO LLC et al., Bankr. S.D. Texas, Case No. 05-21207 (the "Bankruptcy Settlement Agreement").

In entering into this Decree, the Department, Louisiana-Pacific and W&W are addressing and responding to the unique facts presented by the ASARCO bankruptcy proceedings and the history of litigation and similar difficulties that have surrounded this Site for almost 20 years. Because of this unique history, this Consent Decree contains some deviations from other MTCA Consent Decrees that are only appropriate under these unique conditions. The Department, Louisiana-Pacific, and W&W agree that settlement of these matters without litigation is reasonable and in the public interest and that entry of this Decree is the most appropriate means of resolving these matters.

A. In signing this Decree, Louisiana-Pacific and W&W agree to its entry and agrees to be bound by its terms.

- B. By entering into this Decree, the Department, Louisiana-Pacific, and W&W do not intend to discharge non-settling parties from any liability they may have with respect to matters alleged in the complaint. The Department, Louisiana-Pacific, and W&W retain the right to seek reimbursement, in whole or in part, from any persons who may be liable in connection with the Site but this Decree does not abrogate any other settlement that the Department has entered into with Louisiana-Pacific, and/or W&W with respect to the Site, or alter the preclusive effects that such settlements may have.
- C. This Decree shall not be construed as proof of liability or responsibility for any releases of hazardous substances or cost for remedial action nor an admission of any facts; provided, however, that Louisiana-Pacific and W&W agree to not challenge the authority of the Attorney General and the Department to enforce this Decree.
- D. The Court is fully advised of the reasons for entry of this Decree, and good cause having been shown: Now, therefore, it is HEREBY ORDERED, ADJUDGED, AND DECREED:

II. JURISDICTION

- A. This Court has jurisdiction over the subject matter and over the Department, Louisiana-Pacific, and W&W pursuant to Chapter 70.105D RCW, the Model Toxics Control Act (MTCA). Authority is conferred upon the Washington State Attorney General by RCW 70.105D.040(4)(a) to agree to a settlement with any potentially liable person if, after public notice and any required hearing, the Department finds the proposed settlement would lead to a more expeditious cleanup of hazardous substances. RCW 70.105D.040(4)(b) requires that such a settlement be entered as a consent decree issued by a court of competent jurisdiction.
- B. The Department has determined that Louisiana-Pacific and W&W are each a potentially liable person with respect to the Site, and that a release or threatened release of hazardous substances has occurred at the Site that is the subject of this Decree.

- C. The Department has given notice to Louisiana-Pacific and to W&W, as set forth in RCW 70.105D.020(15), of the Department's determination that there has been a release or threatened release of hazardous substances at the Site.
- D. The actions to be taken pursuant to this Decree are necessary to protect public health and the environment.
 - E. This Decree has been subject to public notice and comment.
- F. The Department finds that this Decree will lead to a more expeditious cleanup of hazardous substances at the Site in compliance with the cleanup standards established under RCW 70.105D.030(2)(e) and Chapter 173-340 WAC.
- G. Louisiana-Pacific has agreed to provide the funding required by this Decree, and consent to the entry of this Decree under MTCA.
- H. W&W shall waive any claims against Asarco arising from the B&L site and consent to entry of this Decree under MTCA.

III. PARTIES BOUND

This Decree shall apply to and be binding upon the Department, Louisiana-Pacific, and W&W, their successors and assigns. The undersigned representative of each party hereby certifies that he or she is fully authorized to enter into this Decree and to execute and legally bind such party to comply with the Decree. Louisiana-Pacific agrees to undertake all actions required by the terms and conditions of this Decree. No change in ownership or corporate status shall alter the responsibility of Louisiana-Pacific under this Decree. W&W agrees to undertake all actions required by the terms and conditions of this Decree. No change in ownership or corporate status shall alter the responsibility of W&W under this Decree.

IV. DEFINITIONS

Unless otherwise specified, the definitions set forth in Chapter 70.105D RCW and Chapter 173-340 WAC shall control the meanings of the terms used in this Decree.

- A. <u>B&L Landfill</u> or <u>Landfill</u>: The B&L Landfill, as more fully described in the Cleanup Action Plan, is located on approximately 18.5 acres in unincorporated Pierce County, Washington. It includes the land owned, operated, and permitted as a wood waste landfill by entities who are not parties to this Consent Decree.
- B. <u>Site</u>: The Site, as more fully described in the Cleanup Action Plan, includes both the B&L Landfill and adjacent areas (wetlands, ditches, etc.) where contamination from the Landfill has come to be located. The Site is part of the Commencement Bay Nearshore/Tideflats Superfund site, which was added in 1983 by the United States Environmental Protection Agency ("EPA") to the National Priorities List established under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42 U.S.C. § 9601 et seq. The Site constitutes a "facility" under RCW 70.105D.020(4).
- C. <u>Consent Decree or Decree</u>: Refers to this Consent Decree and each of the exhibits to the Decree. All exhibits are integral and enforceable parts of this Consent Decree.
- D. <u>Day or Days</u>: Refers to a calendar day(s) unless otherwise specified. In computing any period of time under this Decree, if the last day falls on a Saturday, Sunday, or a state or federal holiday, the period shall run until the end of the next day which is not a Saturday, Sunday, or a state or federal holiday. Any time period scheduled to begin on the occurrence of an act or event shall begin on the day after the act or event.
- E. <u>Section</u>: Refers to a portion of this Consent Decree identified by a Roman numeral.
- F. <u>Cleanup Action Plan</u>: Refers to the Cleanup Action Plan for the B&L Woodwaste Site proposed in 2007 and adopted in 2008 by the Department.

V. STATEMENT OF FACTS

The Department makes the following findings of fact without any express or implied admissions by the Respondents.

- A. The B&L Landfill was used for the disposal of wood waste materials, some of which included slag from the former ASARCO smelter in Ruston, Washington that had been made available to other parties with a representation that the slag was inert and non-toxic. Louisiana-Pacific and W&W arranged for the disposal at the Landfill of wood waste materials that may have contained such slag.
- B. In 1988, the Department notified Louisiana Pacific, W&W, and others that they were potentially liable persons in regard to the Site.
- C. In January 1989, Murray Pacific Corporation entered into a consent decree with the Department to undertake a Remedial Investigation and Feasibility Study for the Site. That consent decree was entered by the Court on February 27, 1989, in an action in this Court styled *State of Washington Department of Ecology v. Murray Pacific Corporation*, No. 89-2-00319-3. Murray Pacific timely and fully completed the work required by that decree.
- D. The Remedial Investigation indicated that a number of hazardous substances had been released at the Site, including antimony, arsenic, chromium, copper, lead, nickel, zinc, benzoic acid, and phenol. The respective liabilities of ASARCO, Murray Pacific, Louisiana Pacific, W&W and other parties for the remediation of the Site was the subject of extensive prior litigation, as part of an action styled *Louisiana-Pacific Corp. et al v. Asarco*, No. C-5259RJB (the "Federal Action"), filed in the United States District Court for the Western District of Washington. The Department was not a party to that action. Relevant claims of the parties relating to the Site were tried to a jury and to the court, and a judgment was entered. ASARCO appealed from the judgments, and the Ninth Circuit's final opinion was entered on August 30, 1994. On January 9, 1995, the Supreme Court denied certiorari.
- E. On June 17, 1992, after it was determined in the Federal Action that ASARCO had the greatest part of the liability for the Site, the Department issued Enforcement Order No. 92TC-S214 (the Enforcement Order) to ASARCO, Murray Pacific Corporation, and to the owner and operator of the B&L Landfill requiring them to implement a 1991 Final Cleanup

Action Plan (1991 FCAP) for the B&L Site. The 1991 FCAP provided for, among other things, the consolidation of materials within the B&L Site, and the construction of a specified cover system over the consolidated materials. ASARCO and Murray Pacific implemented the remedy specified in the 1991 FCAP.

- F. Sampling conducted following completion of construction of the remedy set forth in the 1991 FCAP has shown that a plume of contaminated groundwater is emanating from the Landfill, and that a wetland adjacent to the Landfill appears to have been affected by arsenic and other constituents from the Landfill. On February 25, 2005, the Department issued an order to ASARCO and Murray Pacific (and one other party) constituting a Second Amendment to the Enforcement Order No. DE 92TC-S214 (the "Second Amendment"). The Second Amendment required the respondents to implement a "Contingency Plan for the B&L Landfill," (i) to investigate groundwater contamination in the vicinity of the Landfill and to take appropriate corrective action, and (ii) to study, design and implement remedial measures for the adjacent wetland.
- G. On August 5, 2005, ASARCO filed with the United States Bankruptcy Court for the Southern District of Texas voluntary petitions for relief under the United States Bankruptcy Code (the "Bankruptcy Cases").
- H. In June 2007, the Department issued a Cleanup Action Plan (the "2007 CAP") to address the migration of hazardous substances from the Landfill into adjoining wetlands and ditches. The 2007 CAP was subject to public notice and comment during which Louisiana-Pacific submitted comments which were duly considered by the Department. A public meeting to present the remedy outlined in the CAP and address public concerns was held on July 18, 2007. The 2007 CAP is Exhibit A to this Consent Decree.
- I. The Remedial Action selected in the 2007 CAP includes construction of a containment system around the Landfill, off-site cleanup of groundwater, long-term operation

of a groundwater pumping and treatment system, and long-term post-closure operations, maintenance, and monitoring.

L. Pursuant to another consent decree with the Department, Murray Pacific has

J. Pursuant to another consent decree with the Department, Murray Pacific has agreed to implement certain elements of the Remedial Action defined in the 2007 CAP. The Department will be responsible for the long-term operations, maintenance, and monitoring at the Site.

VI. WORK TO BE PERFORMED

The implementation of a program designed to protect public health, welfare, and the environment from the known release or threatened release of regulated substance at, on, or from the Site is to be addressed by Murray Pacific and the Department pursuant to another consent decree. Louisiana Pacific and W&W shall have no responsibility to perform work at the Site and agree not to perform any remedial actions at the Site.

VII. PAYMENT

Within thirty (30) days of entry of this Consent Decree, Louisiana Pacific shall pay the State of Washington the sum of one million dollars (\$1,000,000). Payment shall be made payable to the "Washington State Department of Ecology," and shall be sent via Federal Express to:

Department of Ecology ATTN: Gary Zeiler, Fiscal Manager 300 Desmond Drive S.E. Lacey, WA 98503-1274

VIII. AMENDMENT OF CONSENT DECREE

Except for minor modifications and extensions that do not constitute a substantial change, this Decree may only be amended by a written stipulation among the Department, Louisiana-Pacific, and W&W that is entered by the Court or by order of the Court. All amendments shall become effective upon entry by the Court. Agreement to amend shall not be unreasonably withheld by any signatory to the Decree.

The Department, Louisiana-Pacific, and W&W may propose an amendment to the Decree. If a request for amendment is received, the other signatories shall indicate their approval or disapproval in a timely manner. If the amendment to the Decree is substantial, the Department will provide public notice and opportunity for comment. Reasons for the disapproval shall be stated in writing.

IX. COVENANT NOT TO SUE

A. Covenant Not to Sue: In consideration of Louisiana-Pacific's or W&W's compliance with the terms and conditions of this Decree, the Department covenants not to institute legal or administrative actions against Louisiana-Pacific or W&W regarding the release or threatened release of hazardous or deleterious substances at the Site. This Decree covers only the Site. This Decree does not cover any other site and the Department retains all of its authority relative to any other sites.

This Covenant Not to Sue shall have no applicability whatsoever to:

- 1. Criminal liability;
- 2. Any Department action, including cost recovery, against potentially liable persons not a party to this Decree.

If factors not known at the time of entry of the settlement agreement are discovered and present a previously unknown threat to human health or the environment, the Court shall amend this Covenant Not to Sue pursuant to paragraph below.

B. Reopeners: The Department specifically reserves the right to institute legal or administrative action against Louisiana-Pacific or W&W to require either of them to perform additional remedial actions at the Site and to pursue appropriate cost recovery, pursuant to RCW 70.105D.050 in the event that new information becomes available regarding factors previously unknown to the Department and the Department determines, in light of this information, that remedial action is necessary to address a previously unknown threat to human health or the environment at the Site, and Louisiana-Pacific or W&W, after notice, fail to take

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the necessary action within a reasonable time provided by the Department in the notice. The Department shall make such a determination and issue such notice to Louisiana-Pacific only if it determines that the previously unknown threat arises from substances sent to the Site by Louisiana-Pacific. Likewise, the Department shall make such a determination and issue such notice to W&W only if it determines that the previously unknown threat arises from substances sent to the Site by W&W. For purposes of this Decree, "factors previously unknown to the Department," shall mean contamination unknown or undocumented in the administrative record for the Site or in the List of Covered Substances (Exhibit B to this Decree) at the time of entry of this Decree. "Factors previously unknown to the Department" shall not include any new information related to the presence of, extent of, or impacts from or related to Covered Substances at the Site. "Previously unknown threats to human health or the environment" shall not include: (i) any threat to any beneficial uses of water (including the use of water for agricultural or drinking water purposes) from or related to Covered Substances in or around the Site; (ii) any impediment to development or use of property in or around the Site; (iii) any increase of remedial action costs beyond levels projected by the Department or any person or entity who had provided estimates of such costs to the Department prior to entry of this Decree; or (iv) any failure of the remedy set forth in the CAP to achieve applicable remedial objectives or other goals. "Covered Substances" shall include those substances listed on Exhibit B. Ecology is specifically aware that wood waste is present at the Site, and does not pose a threat to human health or the environment.

C. Except in the case of an emergency, prior to instituting legal or administrative action against Louisiana-Pacific or W&W pursuant to paragraph B above, Ecology shall provide them with notice at least fifteen (15) calendar days before such action.

X. CONTRIBUTION PROTECTION

With regard to claims against Louisiana-Pacific or W&W for Matters Addressed in this Decree, the Department agrees that Louisiana-Pacific and W&W are entitled to protection

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against claims for contribution under RCW 70.105D.080, CERCLA §§ 107 or 113, and any other federal or state claim seeking, under other theories, substantially similar relief, to the extent allowed by MTCA, RCW 70.105D.040 and CERCLA § 113(f)(2). For the purpose of this section, "Matters Addressed" includes all investigative, remedial actions, and other response actions at the Site. "Matters Addressed" also includes all investigative and remedial actions previously undertaken at the Site to characterize the contamination or to enable the selection of a cleanup action, and all oversight costs paid to the Department.

XI. PUBLIC PARTICIPATION

The Department shall maintain the responsibility for public participation at the Site. Louisiana-Pacific and W&W shall cooperate with the Department and, if requested by the Department, may choose to assist the Department.

XII. EFFECT AND DURATION OF DECREE

This Decree shall remain in effect with respect to Louisiana-Pacific and W&W until they have respectively received written notification from the Department that the requirements of this Decree have been satisfactorily completed. The Department shall issue such notification within sixty (60) days after the requirements of this Decree have been satisfactorily completed. However, Section IX (Covenant Not to Sue) and X (Contribution Protection) shall survive and continue in full force and effect.

XIII. CLAIMS AGAINST THE STATE

Louisiana-Pacific and W&W agree that they will not seek to recover the sums paid under this Decree, from the State of Washington or any of its agencies, except to the extent the State and its agencies are potentially liable persons with respect to contamination at the Site. Louisiana-Pacific and W&W will make no claim against the State Toxics Control Account or any Local Toxics Control Account for any costs incurred in implementing this Decree. Except as provided above, Louisiana-Pacific and W&W expressly reserve their right to seek to recover any costs incurred with respect to responding to the Site from any other potentially liable

1	person.		
2	XIV. EFFECTIVE DATE		
3	This Decree is effective upon the date it is entered by a final order of the Court.		
4	XV. PUBLIC NOTICE AND WITHDRAWAL OF CONSENT		
5	This Decree has been the subject of public notice and comment unde	r	
6	RCW 70.105D.040(4)(a). As a result of this process, the Department has found that this	s	
7	Decree will lead to a more expeditious cleanup of hazardous substances at the Site in	n	
8	compliance with the cleanup standards established under Chapter 173-340 WAC.		
9	If the Court withholds or withdraws its consent to this Decree, this Decree shall be null		
10	and void at the option of the Department, Louisiana-Pacific, and W&W and the accompanying		
11	Complaint shall be dismissed against Louisiana-Pacific or W&W without costs and without		
12	prejudice. In such an event, the dismissed party shall not be bound by the requirements of this		
13	Decree.		
14	STATE OF WASHINGTON ROBERT M. MCKENNA		
15	DEPARTMENT OF ECOLOGY Attorney General		
16	TAMES DEVIDONISM.		
17	JAMES PENDOWSKI Program Manager ELLIOTT FURST, WSBA # 12026 Senior Counsel		
18	Toxics Cleanup Program (360) 407-7177 Attorney for State of Washington Department of Ecology		
19	(360) 586-3513		
20	Date: Date:		
21	LOUISIANA-PACIFIC CORPORATION WASSER & WINTERS, INC.		
22			
23	Mike Kinney RON BERG		
24	Director of Business Relations & Investor Relations (615) 986-5882 PHONE NUMBER		
25	Date:		
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2	JUDGE
3	JUDGE Superior Court of Washington for Pierce County
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1	Exhibit A
2	Cleanup Action Plan
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2	Exhibit B		
3	Covered Substances		
4	Remedial and Pre-remedial Investigations		
5	Early work at B&L Landfill included investigation of the following substances:		
6	A. Wood, wood debris, bark, total volatile solids, total organic carbon, and grain size.		
7	B. Methane and hydrogen sulfide gases		
8	C. EPA's Target Analyte List of volatile and semi-volatile organic compounds, PCBs and pesticides, and metals (see list below)		
9	D. Total petroleum hydrocarbons		
10	E. EP-Tox and TCLP testing characterization of the landfill solids		
11	F. EP-Tox, TCLP, and assay results (MSDS) for Asarco's copper slag.		
12	G. General water quality parameters including specific conductance, redox, dissolved		
13	oxygen, major cations and anions, hardness, nitrate, nitrite, ammonia, sulfate, sulfide, total dissolved solids, total suspended solids, total organic carbon, total		
14	dissolved carbon, and turbidity.		
15	These studies resulted in the following being known substances and/or conditions:		
16	A. Asarco slag		
17	B. Bark, deck debris, wood debris, and related materials		
18	C. Landfill gases		
	D. Landfill leachate		
19	E. EPA's Target Analyte List of volatile and semi-volatile organic compounds, PCBs and pesticides, and metals (see list below)		
20	F. Groundwater and surface water quality		
21	G. Soil, refuse, and ditch sediment quality]		
22	Metals		
23	The metals that have been analyzed for in environmental sampling at B&L Landfill include the		
24	following:		
25	aluminum barium chromium (VI) lead selenium antimony beryllium cobalt magnesium silver		
26	arsenic cadmium copper manganese sodium arsenic (III) calcium iron mercury thallium		

1	arsenic (V) organic arsenic	chromium	iron (II) iron (III)	nickel potassium	vanadium zinc
2	Analyte List				
3					
4	The list of analytes includes the follow		studied during the i	in the B&L Landfill	investigations
5	Slag and its consti	ituents		le Organic Compou	
6	slag		volatile 8260	e organic compounds	s (VOCs) EPA
	Siug			e organic compounds	s (VOCs) EPA
7	reverberatory slag		8240	-1-1	
8	copper slag crushed slag			chloroethane chloroethene	
	slow cooled slag			chloroethane	
9	industrial slow-cod		1, 2-die	chloropropane	
	industrial granulate			chloropropane	
10	slow-cooled produ	ct slag		-tetrachloroethane	
	slag constituents			richloroethane	
11	XX711.4	.4.4		-tetrachloroethane	
12	Wood and its consumtreated wood	stituents		richloroethane	
12	tannins and lignins		1,1-uic	hloropropene richlorobenzene	
13	log deck debris	ı		richloropropane	
13	logs, bark, branche	es trees roots	1,2,5 ti 1 2 4-ti	richlorobenzene	
14	fulvic acids	, 11005, 10015		rimethylbenzene	
	humic acids		1,2-dib	romo-3-chloropropa	ine
15	tannic acids			hlorobenzene	
	wood degradation	products		rimethylbenzene	
16	burned wood			hlorobenzene	
17	wood constituents			hlorobenzene	
17	Other landfill ma	torials	2,2-010	hloropropane none (MEK)	
18	shredded car interior			rotoluene	
10	autofluff	013	2-hexa		
19	shredded plastic, ru	ubber		none (MBK)	
	waste rock wool			rotoluene	
20	insulation			opyltoluene	
	soil from log yards	and decks		yl-2-pentanone	
21	soil			yl-2-pentanone (MII	BK)
22	TPH-contaminated Parameters	l SOII	aceton		
22	alkalinity and acidi	itv	benzen		
23	ammonia	ity		benzene	
	bicarbonate			dichloromethane	
24	carbonate		bromo		
	chemical oxygen d	emand		methane	
25	chloride			disulfide	
	color			tetrachloride	
26	conductivity		chlorol	oenzene	
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1	dimethylarsenic acid (DMA)	chlorobromomethane
	dissolved organic carbon (DOC)	chlorodibromomethane
2	dissolved oxygen (DO)	chloroethane
_	fluoride	chloroform
3	eH	chloromethane
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,	grain size	cis-1,2-dichloroethene
4	hardness	cis-1,3-dichloropropene
	major anions	dibromochloromethane
5	major cations	dibromomethane
	monomethylarsenic acid (MMA)	dichlorobromomethane
6	nitrate	dichlorodifluoromethane
	nitrite	ethylbenzene
7 II	oxidation-reduction potential (ORP)	ethylene dibromide
<i>'</i>	percent moisture	hexachlorobutadiene
8	pH	isopropylbenzene
ا	phosphorus and radicals thereof	methylene chloride
9	redox	
9		m-xylene & p-xylene
10	salinity	naphthalene
10	soil pH	n-butylbenzene
.	specific conductance	n-propylbenzene
11	sulfate	o-xylene
	temperature	sec-butylbenzene
12	texture	styrene
	total dissolved solids (TDS)	tert-butlybenzene
13	total organic carbon (TOC)	tetrachloroethene
	total suspended solids	toluene
14	total volatile solids (TVS)	total 1,2-dichloroethene
	turbidity	total xylenes
15		trans- 1,2-dichloroethene
	Metals and metalloids	trans-1, 3-dichloropropene
16	aluminum	trichloroethene
10	antimony	trichlorofluoromethane
17	arsenic	vinyl acetate
1 /		
10	arsenic (III)	vinyl chloride
18	arsenic (V)	
10	barium	Semivolatile Organic Compounds (SVOCs)
19	beryllium	semivolatile organic compounds — EPA 8270
	cadmium	1,2,4-trichlorobenzene
20	calcium	1,2-dichlorobenzene
	chromium	1,3-dichlorobenzene
21	chromium (VI)	1,4-dichlorobenzene
	cobalt	1-methylnapthalene
22	copper	2,3,4,6-tetrachlorophenol
	iron	2,4,5-trichlorophenol
23	iron (II)	2,4,6-trichlorophenol
- 5	iron (III)	2,4-dichlorophenol
24	lead	2,4-dimethylphenol
4		
ا ع	magnesium	2,4-dinitrophenol
25	manganese	2,4-dinitrotoluene
<u>, </u>	mercury	2,6-dichlorophenol
26	nickel	2,6-dinitrotoluene
H		

1	potassium selenium	2-chloronapthalene 2-chlorophenol
2	silver	2-methylnaphthalene
ا	sodium	2-methylphenol
3	thallium	2-nitroaniline
.	vanadium	2-nitrophenol
4	zinc	3,3-dichlorobenzidine
_ '		3-nitroaniline
5	Petroleum Hydrocarbons	4,6-dinitro-2-methylphenol
ا	TPH-Diesel Range	4-bromophenyl-phenylether
6	TPH-Lube Oil Range	4-chloro-3-methylphenol
_ '		4-chloroaniline
7	Polychlorinated biphenyls including	4-chlorophenyl-phenylether
ا	EPA-8082 MOD	4-methylphenol
8	PCB-1016	4-nitroaniline
ا	PCB-1221	4-nitrophenol
9	PCB-1232	acenapthene
10	PCB-1242	acenapthylene
10	PCB-1248	aniline
11	PCB-1254	anthracene
11	PCB-1260	azobenzene
12	Pesticides	benzidine
14	EPA-8081	benzo(a)nyrene
13	a-BHC	benzo(a)pyrene benzo(b)flouranthene
13	g-BHC	benzo(g,h,i)perylene
14	b-BHC	benzo(k)fluoranthene
17	heptachlor	benzoic acid
15	d-BHC	benzyl alcohol
	aldrin	bis(2-chloroethoxy)methane
16	heptachlor epoxide	bis(2-chloroethyl)ether
	chlordane	bis(2-chloroisopropyl)ether
17	endosulfan I	bis(2-ethylhexyl)phthalate
	dichlorodiphenyldichloroethylene (DDE)	butylbenzylphthalate
18	dieldren	carbazole
	endrin	chrysene
19	dichlorodiphenyldichloroethane (DDD)	dibenz(a,h)anthracene
	endosulfan II	dibenzofuran
20	dichlorodiphenyltrichloroethane (DDT)	diethylphthalate
	endrin aldehyde	dimethylphthalate
21	endosulfan sulfate	di-n-butylphthalate
	methoxychlor	di-n-octylphthalate
22	toxaphene	fluoranthene
_		fluorene
23		hexachlorobenzene
~		hexachlorobutadiene
24		hexachlorocyclopentadiene
25		hexachloroethane
25		indeno(1,2,3-cd)pyrene
26		isophorone napthalene
20		паринание

nitrobenzene
n-nitrosodimethylamine
n-nitroso-di-n-propylamine
n-nitrosodiphenylamine
pentachlorophenol
phenanthrene
phenol
pyrene
pyridine
siophorone