EPA REGION 10 LABORATORY

PRI :ITY POLLUTANTS DATA REPORT

MEDIA: SEDIMENT

ID0941 8.30.82

LAB NO: 29000, 29001 + 29002

STATION NAME: _____

ANALYSIS BY: _____

STORET NO: Composite

STATION LOCATION: _____

DATE: _____

DATE/TIME: _____

FLOW: _____

% SOLIDS: _____

METALS (MG/KG) (DRY)

01090 _____ ANTIMONY
01003 _____ ARSENIC
01013 _____ BERYLLIUM
01028 _____ CADMIUM (WET)
01029 _____ CHROMIUM
01043 _____ COPPER (WET)
01052 _____ LEAD
71921 _____ MERCURY
01068 _____ NICKEL
01148 _____ SELENIUM
01078 _____ SILVER
34480 _____ THALLIUM
01093 _____ ZINC (WET)

8-26-82 JMB

MISCELLANEOUS (MG/KG)

00721 _____ CYANIDE (DRY)
32731 _____ PHENOLICS (AAP)
34228 _____ ASBESTOS (UG/KG)

PESTICIDES (UG/KG)

8-30-82 by DC/EC

39333 ~~0~~ 0.364 ALDRIN (DRY)
39351 _____ CHLORDANE (DRY)
39383 _____ DIELDRIN (DRY)
39301 _____ 4,4'DDT (DRY)
39321 _____ 4,4'DDE (DRY)
39311 _____ 4,4'DDD (DRY)
34364 _____ ALPHA ENDOSULFAN
34359 _____ BETA ENDOSULFAN
34354 _____ ENDOSULFAN SULFATE
39393 _____ ENDRIN (DRY)
34369 _____ ENDRIN ALDEHYDE
39413 _____ HEPTACHLOR (DRY)
39423 _____ HEPTACHLOR EPOXIDE (DRY)
39076 _____ ALPHA BHC (DRY)
34257 _____ BETA BHC
39343 _____ GAMMA BHC (LINDANE)
34262 _____ DELTA BHC
39403 22.4 TOXAPHENE (DRY)
39514 7.34 PCB 1016 (DRY)
39491 _____ PCB 1221 (DRY)
39495 _____ PCB 1232 (DRY)
39499 _____ PCB 1242 (DRY)
39503 _____ PCB 1248 (DRY)
39507 _____ PCB 1254 (DRY)
39511 _____ PCB 1260 (DRY)

BASE NEUTRAL EXTRACTIBLES ~~(UG/KG)~~ mg/Kg

34208 _____ ACENAPHTHENE
39121 _____ BENZIDINE (DRY)
34554 _____ 1,2,4-TRICHLOROBENZENE
39701 _____ HEXACHLOROBENZENE (DRY)
34399 _____ HEXACHLOROETHANE
34276 _____ BIS(2-CHLOROETHYL) ETHER
34584 _____ 2-CHLORONAPHTHALENE
34539 _____ 1,2-DICHLOROBENZENE
34569 _____ 1,3-DICHLOROBENZENE
34574 _____ 1,4-DICHLOROBENZENE
34634 _____ 3,3-DICHLOROBENZIDINE
34614 _____ 2,4-DINITROTOLUENE
34629 _____ 2,6-DINITROTOLUENE
34349 _____ 1,2-DIPHENYLHYDRAZINE
34379 _____ FLUORANTHENE
34644 _____ 4-CHLOROPHENYL PHENYL ETHER
34639 _____ 4-BROMOPHENYL PHENYL ETHER
34286 _____ BIS(2-CHLOROISOPROPYL)ETHER
34281 _____ BIS(2-CHLOROETHOXY) METHANE
39705 _____ HEXACHLOROBUTADIENE
34389 _____ HEXACHLOROCYCLOPENTADIENE
34411 _____ ISOPHORONE
34445 _____ NAPHTHALENE
34450 _____ NITROBENZENE
34441 _____ N-NITROSODIMETHYLAMINE
34431 _____ N-NITROSODI-N-PROPYLAMINE
34436 _____ N-NITROSODIPHENYLAMINE
39102 _____ BIS(2-ETHYLHEXYL) PHTHALATE (DRY
34295 _____ N-BUTYL BENZYL PHTHALATE
39112 _____ DI-N-BUTYL PHTHALATE (DRY
34599 _____ DI-N-OCTYL PHTHALATE
34339 _____ DIETHYL PHTHALATE
34344 _____ DIMETHYL PHTHALATE
34529 _____ BENZO(A)ANTHRACENE
34250 _____ BENZO(A)PYRENE
34233 _____ BENZO(B)FLUORANTHENE
34245 _____ BENZO(K)FLUORANTHENE
34323 _____ CHRYSENE
34203 _____ ACENAPHTHYLENE
34223 _____ ANTHRACENE
34524 _____ BENZO (GHI) PERYLENE
34384 _____ FLUORENE
34464 _____ PHENANTHRENE
34559 _____ 1,2,5,6-DIBENZANTHRACENE
34406 _____ INDENO(1,2,3-C,D)PYRENE
34472 _____ PYRENE
34678 _____ TCDD

ACID EXTRACTIBLES ~~(UG/KG)~~ mg/Kg

34624 _____ 2,4,6-TRICHLOROPHENOL
34455 _____ P-CHLORO-M-CRESOL
34589 _____ 2-CHLOROPHENOL
34604 _____ 2,4-DICHLOROPHENOL
34609 _____ 2,4-DIMETHYLPHENOL
34594 _____ 2-NITROPHENOL
34649 _____ 4-NITROPHENOL
34619 _____ 2,4-DINITROPHENOL
34660 _____ 4,6-DINITRO-O-CRESOL
39061 _____ PENTACHLOROPHENOL (DRY)
34695 _____ PHENOL (C6H5OH)

8-26-82 JMB

VOLATILE ORGANICS ~~(UG/KG)~~

34213 _____ ACROLEIN
34218 _____ ACRYLONITRILE
34237 _____ BENZENE
34299 _____ CARBON TETRACHLORIDE
34304 _____ CHLOROBENZENE
34534 _____ 1,2-DICHLOROETHANE
34509 _____ 1,1,1-TRICHLOROETHANE
34499 _____ 1,1-DICHLOROETHANE
34514 _____ 1,1,2-TRICHLOROETHANE
34519 _____ 1,1,2,2-TETRACHLOROETHANE
34314 _____ CHLOROETHANE
34318 _____ CHLOROFORM
34504 _____ 1,1-DICHLOROETHYLENE
34549 _____ 1,2-TRANS-DICHLOROETHYLENE
34544 _____ 1,2-DICHLOROPROPANE
34702 _____ CIS-1,3-DICHLOROPROPENE
34697 _____ TRANS-1,3-DICHLOROPROPENE
34374 _____ ETHYLBENZENE
34426 _____ METHYLENE CHLORIDE
34421 _____ METHYL CHLORIDE
34416 _____ METHYL BROMIDE
34290 _____ BROMOFORM
34330 _____ BROMODICHLOROMETHANE
34491 _____ TRICHLOROFLUOROMETHANE
34334 _____ DICHLORODIFLUOROMETHANE
34309 _____ DIBROMOCHLOROMETHANE
34478 _____ TETRACHLOROETHYLENE
34483 _____ TOLUENE
34487 _____ TRICHLOROETHYLENE
34475 _____ VINYL CHLORIDE
34271 _____ BIS(CHLOROMETHYL) ETHER
34579 _____ 2-CHLOROETHYL VINYL ETHER

USEPA RCRA
3009404

EPA REGION 10 LABORATORY

L305
LE

PRIORITY POLLUTANTS DATA REPORT

MEDIA: WATER

LAB NO: 290004 GMB

STATION NAME: CR225488

ANALYSIS BY: _____

STORET NO: _____

STATION LOCATION: MOSCOW, ID

DATE: _____

DATE/TIME: 7/22/82 1 p.m.

FLOW: _____

% SOLIDS: _____

METALS (UG/L)

01097	_____	ANTIMONY
01002	_____	ARSENIC
01012	_____	BERYLLIUM
01027	_____	CADMIUM
01034	_____	CHROMIUM
01042	_____	COPPER
01051	_____	LEAD
71900	_____	MERCURY
01067	_____	NICKEL
01147	_____	SELENIUM
01077	_____	SILVER
01059	_____	THALLIUM
01092	_____	ZINC

MISCELLANEOUS (UG/L)

00720	_____	CYANIDE	(MG/L)
32730	_____	PHENOLICS	(AAP)
34225	_____	ASBESTOS	

PESTICIDES (UG/L)

8-30-82 By DC/EC

39330	.0034	ALDRIN
39350	_____	CHLORDANE
39380	_____	DIELDRIN
39300	_____	4,4'DDT
39320	_____	4,4'DDE
39310	_____	4,4'DDD
34361	_____	ALPHA ENDOSULFAN
34356	_____	BETA ENDOSULFAN
34351	_____	ENDOSULFAN SULFATE
39390	_____	ENDRIN
34366	_____	ENDRIN ALDEHYDE
39410	_____	HEPTACHLOR
39420	_____	HEPTACHLOR EPOXIDE
39337	_____	ALPHA BHC
39338	_____	BETA BHC
39340	_____	GAMMA BHC (LINDANE)
34259	_____	DELTA BHC
39400	0.16 µ	TOXAPHENE
34671	0.052 µ	PCB 1016
39488	_____	PCB 1221
39492	_____	PCB 1232
39496	_____	PCB 1242
39500	_____	PCB 1248
39504	_____	PCB 1254
39508	_____	PCB 1260

BASE/NEUTRAL EXTRACTIBLES (UG/L)

34205	_____	ACENAPHTHENE
39120	_____	BENZIDINE
34551	_____	1,2,4-TRICHLOROBENZENE
39700	_____	HEXACHLOROBENZENE
34396	_____	HEXACHLOROETHANE
34273	_____	BIS(2-CHLOROETHYL) ETHER
34581	_____	2-CHLORONAPHTHALENE
34536	_____	1,2-DICHLOROBENZENE
34566	_____	1,3-DICHLOROBENZENE
34571	_____	1,4-DICHLOROBENZENE
34631	_____	3,3-DICHLOROBENZIDINE
34611	_____	2,4-DINITROTOLUENE
34626	_____	2,6-DINITROTOLUENE
34346	_____	1,2-DIPHENYLHYDRAZINE
34376	_____	FLUORANTHENE
34641	_____	4-CHLOROPHENYL PHENYL ETHER
34636	_____	4-BROMOPHENYL PHENYL ETHER
34283	_____	BIS(2-CHLOROISOPROPYL)ETHER
34278	_____	BIS(2-CHLOROETHOXY) METHANE
39702	_____	HEXACHLOROBUTADIENE
34386	_____	HEXACHLOROCYCLOPENTADIENE
34408	_____	ISOPHORONE
34696	_____	NAPHTHALENE
34447	_____	NITROBENZENE
34438	_____	N-NITROSODIMETHYLAMINE
34428	_____	N-NITROSODI-N-PROPYLAMINE
34433	_____	N-NITROSODIPHENYLAMINE
39100	_____	BIS(2-ETHYLHEXYL) PHTHALATE
34292	_____	N-BUTYL BENZYL PHTHALATE
39110	_____	DI-N-BUTYL PHTHALATE
34596	_____	DI-N-OCTYL PHTHALATE
34336	_____	DIETHYL PHTHALATE
34341	_____	DIMETHYL PHTHALATE
34526	_____	BENZO(A)ANTHRACENE
34247	_____	BENZO(A)PYRENE
34230	_____	BENZO(B)FLUORANTHENE
34242	_____	BENZO(K)FLUORANTHENE
34320	_____	CHRYSENE
34200	_____	ACENAPHTHYLENE
34220	_____	ANTHRACENE
34521	_____	BENZO (GHI) PERYLENE
34381	_____	FLUORENE
34461	_____	PHENANTHRENE
34556	_____	1,2,5,6-DIBENZANTHRACENE
34403	_____	INDENO(1,2,3-CD)PYRENE
34469	_____	PYRENE
34675	_____	TCDD

Attached

ACID EXTRACTIBLES (UG/L)

34621	_____	2,4,6-TRICHLOROPHENOL
34452	_____	P-CHLORO-M-CRESOL
34586	_____	2-CHLOROPHENOL
34601	_____	2,4-DICHLOROPHENOL
34606	_____	2,4-DIMETHYLPHENOL
34591	_____	2-NITROPHENOL
34646	_____	4-NITROPHENOL
34616	_____	2,4-DINITROPHENOL
34657	_____	4,6-DINITRO-O-CRESOL
39032	_____	PENTACHLOROPHENOL
34694	_____	PHENOL

VOLATILE ORGANICS (UG/L)

34210	_____	ACROLEIN
34215	_____	ACRYLONITRILE
34030	_____	BENZENE
32102	_____	CARBON TETRACHLORIDE
34301	_____	CHLOROBENZENE
32103	_____	1,2-DICHLOROETHANE
34506	_____	1,1,1-TRICHLOROETHANE
34496	_____	1,1-DICHLOROETHANE
34511	_____	1,1,2-TRICHLOROETHANE
34516	_____	1,1,2,2-TETRACHLOROETHANE
34311	_____	CHLOROETHANE
32106	_____	CHLOROFORM
34501	_____	1,1-DICHLOROETHYLENE
34546	_____	1,2-TRANS-DICHLOROETHYLENE
34541	_____	1,2-DICHLOROPROPANE
34704	_____	CIS-1,3-DICHLOROPROPENE
34699	_____	TRANS-1,3-DICHLOROPROPENE
34371	_____	ETHYLBENZENE
34423	_____	METHYLENE CHLORIDE
34418	_____	METHYL CHLORIDE
34413	_____	METHYL BROMIDE
32104	_____	BROMOFORM
32101	_____	BROMODICHLOROMETHANE
34488	_____	TRICHLOROFLUOROMETHANE
34668	_____	DICHLORODIFLUOROMETHANE
32105	_____	DIBROMOCHLOROMETHANE
34475	_____	TETRACHLOROETHYLENE
34010	_____	TOLUENE
39180	_____	TRICHLOROETHYLENE
39175	_____	VINYL CHLORIDE
34268	_____	BIS(CHLOROMETHYL) ETHER
34576	_____	2-CHLOROETHYL VINYL ETHER

BASE/NEUTRAL COMPOUNDS

PROJECT: EPA Idaho COMPILED BY: JM Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 5-7-82

SAMPLE # :	composite of 29001, 29002 and 29003					29004		
UNITS :	ug/l					ug/Kg		
LOQ :								
1. acenaphthene	880u					3900u		
2. benzidine	6600u					290,000u		
3. 1,2,4-trichlorobenzene	1320u					5900u		
4. hexachlorobenzene	2200u					9700u		
5. hexachloroethane	1760u					7700u		
6. bis(2-chloroethyl) ether	880u					3900u		
7. 2-chloronapthalene	880u					3900u		
8. 1,2-dichlorobenzene	440u					1900u		
9. 1,3-dichlorobenzene	440u					1900u		
10. 1,4-dichlorobenzene	440u					1900u		
11. 3,3'-dichlorobenzidine	22000u					97000u		
12. 2,4-dinitrotoluene	6600u					29000u		
13. 2,6-dinitrotoluene	6600u					29000u		
14. 1,2-diphenylhydrazine (as azobenzene)	440u					1900u		
15. fluroanthene	880u					3900u		
16. 4-chlorophenyl phenyl ether	8800u					3900u		

BASE/NEUTRAL COMPOUNDS (continued)

PROJECT: EPA-Idaho COMPILED BY: J M Blagovich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-27-82

SAMPLE # :	composite of 29000, 29001 and 29002				29004		
UNITS :	ug/l				ug/kg		
LOQ :							
17. 4-bromophenyl phenyl ether	3080u				14000u		
18. bis(2-chloroisopropyl) ether	440u				1900u		
19. bis(2-chloroethoxy) methane	1300u				5700u		
20. hexachlorobutadiene	1800u				7900u		
21. hexachlorocyclopentadiene	35000u				150,000u		
22. isophorone	440u				1900u		
23. napthalene	300u				1300u		
24. nitrobenzene	1800u				7900u		
25. N-nitrosodimethylamine	880u				3900u		
26. N-nitrosodiphenylamine	1300u				5700u		
27. N-nitrosodi-n-propylamine	1800u				7900u		
28. bis(2-ethyl hexyl) phthalate	1320u				5800u		
29. butyl benzyl phthalate	2200u				9700u		
30. di-n-butyl phthalate	260u				1100u		
31. di-n-octyl phthalate	2200u				9700u		
32. diethyl phthalate	440u				1900u		
33. dimethyl phthalate	440u				1900u		
34. benzo(a)anthracene	4400u				190,000u		
35. benzo(a)pyrene	13000u				57000u		
36. 3,4-benzofluroanthene	3500u				15000u		
37. benzo(k)fluoranthene	3500u				15000u		
38. chrysene	4400u				1900u		

BASE/NEUTRAL COMPOUNDS (continued)

PROJECT: EPA-Idaho COMPILED BY: JMBlazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-27-82

SAMPLE # :	composite 29000, 29001 and 29002					29004		
UNITS :	ug/l					ug/Kg		
LOQ :								
39. acenaphthylene	400u					1800u		
40. anthracene / phenanthrene	14000					37000		
41. benzo(ghi)perylene	4400u					19000u		
42. fluorene	880u					3900u		
43. ~~phenanthrene~~	—					—		
44. dibenzo(a,h)anthracene	80000u					350000u		
45. ideno(1,2,3-cd)pyrene	70000u					310000u		
46. pyrene	880u					3900u		
47. TCDD	ND					ND		

ACID COMPOUNDS

PROJECT: EPA Idaho COMPILED BY: J M Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: AB DATE: 8-27-82

SAMPLE # :	Composite 29000, 29001 and 29002				29004		
UNITS :	ug/l				ug/Kg		
LOQ :							
1. 2,4,6-trichlorophenol	6000u				26000u		
2. p-chloro-m-cresol	2000u				11000u		
3. 2-chlorophenol	880u				3800u		
4. 2,4-dichlorophenol	2400u				11000u		
5. 2,4-dimethyl phenol	4500u				20000u		
6. 2-nitrophenol	7500u				33000u		
7. 4-nitrophenol	48000u				210000u		
8. 2,4-dinitrophenol	57000u				250000u		
9. 4,6-dinitro-o-cresol	19000u				84000u		
10. pentachlorophenol	57000u				250000u		
11. phenol	880u				3900u		

TENTATIVELY IDENTIFIED COMPOUNDS

PROJECT: EPA Idaho COMPILED BY: JM Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: AJS. DATE: 8-26-82

ACID / BN FRACTION SAMPLE # :	composite of 29000, 29001 and 29002					29004		
CAS # NAME	4/114					3/113		
1. 100-41-4 Ethylbenzene	+					+		
2. 108-38-3 meta Xylene	+					+		
3. 696-29-7 (1-methylethyl)-cyclohexane	+					—		
4. 1795-16-0 decyl-cyclohexane	+					+		
5.								
6.								
7.								
8.								
9. RIC shows evidence of Lub oil in sample	+					+		
10.								

VOLATILES

PROJECT: Idaho-EPA COMPILED BY: JM Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: aps DATE: 8-25-82

SAMPLE # :	29000	29001	29002					
UNITS :	ug/l	ug/l	ug/l					
LOQ :								
1. acrolein	100u	100u	100u					
2. acrylonitrile	50u	50u	50u					
3. benzene	20u	20u	20u					
4. carbon tetrachloride	↓	↓	↓					
5. chlorobenzene								
6. 1,2-dichloroethane	↓	↓						
7. 1,1,1-trichloroethane	20M	36						
8. 1,1-dichloroethane	20u	20u						
9. 1,1,2-trichloroethane	↓	↓						
10. 1,1,2,2-tetrachloroethane								
11. chloroethane								
12. 2-chloroethylvinyl ether	↓	↓						
13. chloroform	20M	20M						
14. 1,1-dichloroethylene	20u	20u						
15. 1,2-trans-dichloroethylene	↓	↓						
16. 1,2-dichloropropane								
17. 1,3-dichloropropylene		↓						
18. ethylbenzene	↓	190						
19. methylene chloride	1100	68						
20 methyl chloride	20u	20u						
21. methyl bromide	↓	↓						
22. bromoform	↓	↓	↓					

VOLATILES (Continued)

PROJECT: Idaho-EPA COMPILED BY: J M Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: ARB DATE: 8-25-82

SAMPLE # :	29000	29001	29002					
UNITS :	ug/l	ug/l	ug/l					
LOQ :								
23. dichlorobromomethane	20u	20u	20u					
24. trichlorofluoromethane	↓	↓	↓					
25. dichlorodifluoromethane								
26. chlorodibromomethane								
27. tetrachloroethylene								
28. toluene	20m	18D						
29. trichloroethylene	20u	20m						
30. vinyl chloride	↓	20u	↓					

TENTATIVELY IDENTIFIED COMPOUNDS

PROJECT: Idaho-EPA COMPILED BY: JM Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-25-82

VOA FRACTION: SAMPLE # :		29000	29001	29002					
CAS #	NAME	3/4	8/12	0/0					
67-64-1	acetone	+	+	ND					
78-93-3	2-butanone	+	+	↓					
108-10-1	4-methyl-2-pentanone	+	+	↓					
123-72-8	butanal	ND	+	↓					
141-78-6	Acetic Acid, Ethyl Ester	↓	+	↓					
123-86-4	butyl ester of acetic acid	↓	+	↓					
—	xylene	↓	+	↓					

BASE/NEUTRAL COMPOUNDS

PROJECT: EPA Idaho COMPILED BY: JM Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-27-82

SAMPLE # :	Composite of 29000, 29001 and 29002					29004		
UNITS :	ug/l					ug/Kg		
LOQ :								
1. acenaphthene	880u					3900u		
2. benzidine	66000u					290,000u		
3. 1,2,4-trichlorobenzene	1320u					5900u		
4. hexachlorobenzene	2200u					9700u		
5. hexachloroethane	1760u					7700u		
6. bis(2-chloroethyl) ether	880u					3900u		
7. 2-chloronapthalene	880u					3900u		
8. 1,2-dichlorobenzene	440u					1900u		
9. 1,3-dichlorobenzene	440u					1900u		
10. 1,4-dichlorobenzene	440u					1900u		
11. 3,3'-dichlorobenzidine	22000u					97000u		
12. 2,4-dinitrotoluene	6600u					29000u		
13. 2,6-dinitrotoluene	6600u					29000u		
14. 1,2-diphenylhydrazine (as azobenzene)	440u					1900u		
15. fluroanthene	880u					3900u		
16. 4-chlorophenyl phenyl ether	8800u					3900u		

BASE/NEUTRAL COMPOUNDS (continued)

PROJECT: EPA-Idaho COMPILED BY: J M Blazovich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-27-82

SAMPLE # :	composite of 29000, 29001 and 29002				29004		
UNITS :	ug/l				ug/Kg		
LOQ :							
17. 4-bromophenyl phenyl ether	3080u				14000u		
18. bis(2-chloroisopropyl) ether	440u				1900u		
19. bis(2-chloroethoxy) methane	1300u				5700u		
20. hexachlorobutadiene	1800u				7900u		
21. hexachlorocyclopentadiene	35000u				150,000u		
22. isophorone	440u				1960u		
23. napthalene	300u				1300u		
24. nitrobenzene	1800u				7900u		
25. N-nitrosodimethylamine	880u				3900u		
26. N-nitrosodiphenylamine	1300u				5700u		
27. N-nitrosodi-n-propylamine	1800u				7900u		
28. bis(2-ethyl hexyl) phthalate	1320u				5800u		
29. butyl benzyl phthalate	2200u				9700u		
30. di-n-butyl phthalate	260u				1100u		
31. di-n-octyl phthalate	2200u				9700u		
32. diethyl phthalate	440u				1900u		
33. dimethyl phthalate	440u				1900u		
34. benzo(a)anthracene	4400u				190,000u		
35. benzo(a)pyrene	13000u				57000u		
36. 3,4-benzofluroanthene	3500u				15000u		
37. benzo(k)fluoranthene	3500u				15000u		
38. chrysene	4400u				1900u		

BASE/NEUTRAL COMPOUNDS (continued)

PROJECT: EPA-Idaho COMPILED BY: JMBlazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-27-82

SAMPLE # :	composite 29000, 29001 and 29002				29004		
UNITS :	ug/l				ug/Kg		
LOQ :							
39. acenaphthylene	400u				1800u		
40. anthracene/phenanthrene	14000				37000		
41. benzo(ghi)perylene	4400u				19000u		
42. fluorene	880u				3900u		
43. ~~phenanthrene~~	—				—		
44. dibenzo(a,h)anthracene	80000u				350000u		
45. ideno(1,2,3-cd)pyrene	70000u				310000u		
46. pyrene	880u				3900u		
47. TCDD	ND				ND		

ACID COMPOUNDS

PROJECT: EPA Idaho COMPILED BY: J M Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: AB DATE: 8-27-82

SAMPLE # :	composite 29000, 29001 and 29002					29004		
UNITS :	ug/l					ug/Kg		
LOQ :								
1. 2,4,6-trichlorophenol	600u					26000u		
2. p-chloro-m-cresol	2000u					11000u		
3. 2-chlorophenol	880u					380u		
4. 2,4-dichlorophenol	2400u					11000u		
5. 2,4-dimethyl phenol	4500u					20000u		
6. 2-nitrophenol	7500u					33000u		
7. 4-nitrophenol	48000u					210000u		
8. 2,4-dinitrophenol	57000u					250000u		
9. 4,6-dinitro-o-cresol	19000u					84000u		
10. pentachlorophenol	57000u					250000u		
11. phenol	880u					390u		

TENTATIVELY IDENTIFIED COMPOUNDS

PROJECT: EPA Idaho COMPILED BY: JM Blazevich DATE: 8-25-82

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 8-26-82

ACID / BN FRACTION SAMPLE # :	composite of 29000, 29001 and 29002					29004		
CAS # NAME	4/114					3/113		
1. 100-41-4 Ethylbenzene	+					+		
2. 108-38-3 meta Xylene	+					+		
3. 696-29-7 (1-methylethyl)-cyclohexane	+					—		
4. 1795-16-0 decyl-cyclohexane	+					+		
5.								
6.								
7.								
8.								
9. RIC shows evidence of Lub oil in sample	+					+		
10.								