IDO-10057(71, 72, & 73)

NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION FOR 1971, 1972, AND 1973 NATIONAL REACTOR TESTING STATION

COMPILED BY:

OFFICE OF WASTE MANAGEMENT

NATIONAL REACTOR TESTING STATION

IDAHO OPERATIONS OFFICE
U. S. ATOMIC ENERGY COMMISSION

UNITED STATES ATOMIC ENERGY COMMISSION
IDAHO OPERATIONS OFFICE
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TRANSMITTAL OF IDO-10057 (71, 72, & 73), "NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION FOR 1971, 1972, AND 1973"

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ABBREVIATIONS

IDENTIFICATION	ABBREVIATION
ARGONNE NATIONAL LABORATORY	ANL
AUXILIARY REACTOR AREA	ARA
CENTRAL FACILITIES AREA	CFA
CHEMICAL PROCESSING PLANT	CPP
EXPERIMENTAL BREEDER REACTOR	EBR
LOSS OF FLUID TEST FACILITY	LOFT
LOW POWER TEST FACILITY	LPT
NATIONAL REACTOR TESTING STATION	NRTS
NAVAL REACTORS FACILITY	NRF
POWER BURST FACILITY	PBF
SPECIAL POWER EXCURSION REACTOR TEST	SPERT (PER)
TEST AREA NORTH	TAN
TECHNICAL SUPPORT FACILITIES (TAN)	TF
TEST REACTORS AREA	TRA
TRANSIENT REACTOR TEST FACILITY	TREAT

ABSTRACT

THIS REPORT SUMMARIZES THE INDUSTRIAL WASTE DATA ASSOCIATED WITH ACTIVITIES AT THE NATIONAL REACTOR TESTING STATION FOR 1971, 1972, AND 1973. THE QUANTITIES OF LIQUID INDUSTRIAL WASTE, THE VOLUMES OF SOLID WASTE, THE FUEL OIL AND WATER USED, AND THE QUANTITIES OF SO_2 AND PARTICULATES RELEASED ARE SUMMARIZED IN THE REPORT. THE WASTE DATA HAS BEEN TAKEN FROM THE NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM.

NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION
FOR 1971, 1972, AND 1973
IDAHO OPERATIONS OFFICE

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NRTS WASTE MANAGEMENT INFORMATION
FOR 1971, 1972, AND 1973

INTRODUCTION

IN RECENT YEARS, THE REPORTING AND DOCUMENTING OF INFORMATION ON THE LEVELS OF INDUSTRIAL WASTES (NONRADIOACTIVE) DISCHARGED FROM AEC FACILITIES HAVE BECOME MORE IMPORTANT.

A COMPUTERIZED INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM (IWMIS) HAS BEEN DEVELOPED AT THE NATIONAL REACTOR TESTING STATION (NRTS). THE SYSTEM PROVIDES FOR TIMELY AND ACCURATE REPORTS ON THE AMOUNT OF ALL TYPES OF INDUSTRIAL WASTE WHICH HAS BEEN STORED AND DISPOSED AT THE NRTS. THE SYSTEM ALSO PROVIDES INFORMATION ON FUEL OIL USAGE AND WATER USAGE AND DISPOSAL.

THE SYSTEM SERVES AS THE OFFICIAL RECORD FOR ALL TYPES OF INDUSTRIAL WASTES STORED OR DISPOSED AT THE NRTS. IT IS DESIGNED TO STANDARDIZE THE REPORTING OF ALL FORMS AND TYPES OF WASTE DISPOSED OR STORED AT THE NRTS. THE DATA IS INPUT ON A MONTHLY BASIS ON A SPECIALLY DESIGNED FORM BY NRTS CONTRACTORS. COMPUTERIZATION OF THE DATA PROVIDES CONSIDERABLE FLEXIBILITY IN MAKING VARIOUS DATA READILY AVAILABLE FROM A SINGLE DATA BASE. THE SYSTEM IS AN EFFECTIVE TOOL IN THE MANAGEMENT OF INDUSTRIAL WASTE AT THE NRTS.

THE IWMIS PROVIDES MONTHLY, YEARLY AND SPECIAL REPORTS WHICH ARE USEFUL TO VARIOUS LEVELS OF MANAGEMENT IN APPRAISING THEIR INDUSTRIAL WASTE PROGRAMS. THE MONTHLY REPORTS USUALLY CONTAIN YEAR-TO-DATE INFORMATION. YEARLY REPORTS PROVIDE A SUMMARY BY TYPE AND PRODUCER OF WASTE.

SEVERAL FACTORS LED TO THE DECISION TO COMPUTERIZE THE INDUSTRIAL WASTE MANAGEMENT DATA AT THE NRTS. FIRST, INCREASED EMPHASIS WAS BEING PLACED ON INDUSTRIAL WASTE BY THE ATOMIC ENERGY COMMISSION, OTHER FEDERAL AGENCIES, AND STATE AND LOCAL AGENCIES; SECOND, THERE WAS A GROWING NEED TO RESORT TO THE DATA TO DEVELOP HISTORICAL INFORMATION; THIRD, THE EXISTING SYSTEM DID NOT PROVIDE ACCESS TO THE DATA TO PERMIT AN ON-GOING PERFORMANCE ANALYSIS OF NRTS INDUSTRIAL WASTE MANAGEMENT ACTIVITIES; AND, FOURTH, THE NRTS RADIOACTIVE WASTE MANAGEMENT INFORMATION SYSTEM HAD BEEN COMPUTERIZED WITH EXCELLENT RESULTS AND ACCEPTANCE BY THE CONTRACTORS.

A NUMBER OF REPORTS HAVE BEEN DEVELOPED FOR THE SYSTEM. THE FOLLOWING ARE THE REPORTS WITH A BRIEF DESCRIPTION AND PURPOSE FOR EACH:

1. REPORT 1, NRTS MONTHLY WATER USAGE SUMMARY. THIS REPORT SUMMARIZES THE QUANTITY OF WATER PUMPED AT EACH FACILITY AND THE QUANTITY OF WATER DISPOSED TO THE ATMOSPHERE, GROUND SURFACES AND SUBSURFACES. THE PERCENT ACCOUNTABILITY IS ALSO SHOWN.

2. REPORT 2, NRTS YEAR-TO-DATE WATER USAGE SUMMARY. THIS REPORT PROVIDES THE QUANTITY OF WATER PUMPED AND DISPOSED AND PERCENT ACCOUNTABILITY AT EACH FACILITY FOR THE YEAR-TO-DATE.

3. REPORT 3, NRTS INDUSTRIAL WASTE SUMMARY. THIS REPORT SUMMARIZES THE QUANTITY AND TYPE OF INDUSTRIAL WASTE FOR EACH AREA AT THE NRTS. THE WASTE IS SHOWN BY TYPES 1 THROUGH 9 WHICH CORRESPOND GENERALLY WITH THE STANDARD CLASSIFICATIONS FOR SANITARY WASTES.

4. REPORT 4, NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY. THIS REPORT PROVIDES THE MONTHLY TOTAL WEIGHT OF ALL SUBSTANCES DISPOSED TO THE ENVIRONMENT. IT ALSO PROVIDES THE TOTAL AMOUNT OF WASTE DISPOSED FOR THE YEAR-TO-DATE.

5. REPORT 5, NRTS MONTHLY FUEL OIL SUMMARY. THIS REPORT SUMMARIZES INFORMATION ON THE TYPES AND QUANTITIES OF FUEL OIL USED DURING THE MONTH FOR EACH FACILITY AT THE NRTS. IT ALSO PROVIDES THE QUANTITIES OF SO_2, NO_X, AND PARTICULATES RELEASED TO THE ATMOSPHERE.

6. REPORT 6, NRTS YEAR-TO-DATE FUEL OIL SUMMARY. THIS REPORT PROVIDES SIMILAR INFORMATION TO REPORT 5 FOR THE YEAR-TO-DATE.

OTHER REPORTS AVAILABLE FROM THE SYSTEM ARE:

SERIES XX4, (FACILITY) AIRBORNE DISPOSED SUBSTANCE SUMMARY

SERIES XX5, (FACILITY) LIQUID DISPOSED SUBSTANCE SUMMARY

SERIES XX6, (FACILITY) INDUSTRIAL WASTE SUMMARY

SERIES XX7, (FACILITY) WATER USAGE AND DISPOSAL SUMMARY

SERIES XX8, (FACILITY) FUEL OIL USAGE AND STACK EFFLUENT REPORT

A DETAILED LIST OF REPORTS AVAILABLE THROUGH THE NRTS INDUSTRIAL WASTE MANAGEMENT SYSTEM IS FOUND ON PAGES xxii AND xxiii.

REFERENCE: "A COMPUTERIZED INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM," U. S. ATOMIC ENERGY COMMISSION, ROLAND M. NELSON AND GEORGE WEHMANN, APRIL 1974.

SUMMARY

DATA ON THE TYPES AND QUANTITIES OF INDUSTRIAL WASTE, FUEL OIL USAGE AND WATER USAGE HAVE BEEN REPORTED MONTHLY TO IDAHO OPERATIONS OFFICE SINCE EARLY 1971. THIS DOCUMENT PROVIDES DETAILED WASTE MANAGEMENT DATA FOR THE YEARS 1971 (EXCEPT JANUARY AND FEBRUARY), 1972, AND 1973. IT ALSO PROVIDES SUMMARY REPORTS ON NRTS INDUSTRIAL WASTE MANAGEMENT DATA FOR 1971, 1972, AND 1973, AND PROVIDES EVIDENCE OF THE EFFECTIVENESS OF THE NRTS WASTE MANAGEMENT PROGRAM.

A TOTAL OF 30,370 CUBIC FEET OF SOLID INDUSTRIAL WASTE WAS DISPOSED TO SANITARY LANDFILLS AT THE NRTS DURING 1973. THIS COMPARES TO 33,310 CUBIC FEET IN 1972 AND 31,200 CUBIC FEET IN 1971.

DURING 1973, A TOTAL OF 15,270 GALLONS OF WASTE OILS AND SOLVENTS WAS DISPOSED OF BY PLACING IT ON GRAVEL ROADS AS A DUST INHIBITOR OR SOLD AS USED OIL. THIS COMPARES WITH 5,561 GALLONS IN 1972 AND 23,740 GALLONS IN 1971.

A TOTAL OF 6,168,000 POUNDS OF CHEMICALS WAS DISCHARGED AS LIQUID WASTES TO THE LITHOSPHERE AT THE NRTS DURING 1973. THIS LIQUID WASTE REPRESENTS A SLIGHT DECREASE FROM THE QUANTITY OF 6,989,000 POUNDS IN 1972 AND THE 7,049,000 POUNDS IN 1971.

DURING 1973, A TOTAL OF 7,479,000 GALLONS OF FUEL OIL WAS USED AT THE NRTS WHICH PRODUCED 434,000 POUNDS OF SO_2 AND 10,860 POUNDS OF PARTICULATES. DURING 1972, 7,069,000 GALLONS OF FUEL OIL WAS USED PRODUCING 1,084,000 POUNDS OF SO_2 AND 46,000 POUNDS OF PARTICULATES. THE DECREASE IN THE QUANTITIES OF SO_2 AND PARTICULATES FROM 1972 TO 1973 IS DUE GENERALLY TO THE CHANGE THROUGHOUT THE NRTS IN THE USE OF NUMBERS 5 AND 6 FUEL OILS TO NUMBER 2 FUEL OIL. A TOTAL OF 5,679,000 GALLONS OF FUEL OIL WAS USED DURING 1971 PRODUCING 1,712,000 POUNDS OF SO_2 AND 71,310 POUNDS OF PARTICULATES. THE REDUCTION IN SO_2 AND

PARTICULATES FROM 1971 TO 1972 IS DUE TO THE CHANGE IN FUEL OIL AT CPP FROM NUMBERS 5 AND 6 TO NUMBER 2. THUS, THERE HAS BEEN AN 81 PERCENT REDUCTION IN THE QUANTITY OF SO_2 RELEASED FROM 1971 TO 1973.

A TOTAL OF 2,549,000,000 GALLONS OF WATER WAS USED AT THE NRTS DURING 1973 COMPARED TO 2,465,000,000 GALLONS IN 1972 AND 2,403,000,000 GALLONS IN 1971. HOWEVER, THE MAJORITY OF THIS WATER IS RETURNED TO THE LITHOSPHERE VIA INJECTION WELLS AND SEEPAGE PONDS. THE REMAINING WATER IS LOST TO THE ATMOSPHERE VIA COOLING TOWERS AND OTHER EVAPORATORY PROCESSES.

NPTS INDUSTRIAL WASTE SUMMARY

1971, 1972, AND 1973

YEAR	SANITARY WASTE (CUBIC FEET)	OIL-SOLVENTS (GALLONS)	LIQUID WASTE (POUNDS)	AIRBORNE WASTE (POUNDS)	FUEL OIL QUANTITY (GALLONS)	FUEL OIL SO2 (POUNDS)	FUEL OIL PARTICULATES (POUNDS)	WATER USED (THOUSAND GALLONS)
1971	31,200	23,740	7,048,000	1,783,000	5,679,000	1,712,000	71,310	2,403,000
1972	33,310	5,561	6,989,000	1,130,000	7,069,000	1,084,000	46,000	2,465,000
1973	30,370	15,270	6,168,000	444,900	7,479,000	434,000	10,860	2,549,000

NRTS SOLID AND LIQUID INDUSTRIAL WASTE SUMMARY
1971, 1972, AND 1973

YEAR	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
1971									
SANITARY WASTES (CU. YDS.)	2,887		6,329	3,127	9,838	2,647	1,911	4,463	31,200
OILS & SOLVENTS (GALLONS)			20,000		3,735				23,740
CHEMICALS									
LIQUIDS (GALLONS)					95				95
SOLIDS (POUNDS)					1,712				1,712
1972									
SANITARY WASTES (CU. YDS.)	4,012		6,337	3,313	11,140	1,457	2,188	4,861	33,310
OILS & SOLVENTS (GALLONS)			2,000		3,561				5,561
CHEMICALS									
LIQUIDS (GALLONS)					9,169				9,169
SOLIDS (POUNDS)					6,230				6,230
1973									
SANITARY WASTES (CU. YDS.)	3,991		5,072	3,377	8,993	732	3,768	4,432	30,370
OILS & SOLVENTS (GALLONS)			5,000		8,765				15,270
CHEMICALS									
LIQUIDS (GALLONS)					1,385			1,509	2,894
SOLIDS (POUNDS)									

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NRTS INDUSTRIAL WASTE SUMMARY IN CUBIC YARDS*
FOR JANUARY THROUGH DECEMBER 1971

TYPES	ANL	APA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
1. TRASH	2,872		5,432	3,065	7,704	2,623	1,911	4,122	27,730
2. CAFETERIA GARBAGE			801		666			285	1,752
3. WOOD & SCRAP LUMBER					15			36	51
CFA SALVAGE					88				88
4. MASONRY & CONCRETE			96	56		24		20	196
5. SCRAP METAL				6	9				15
CFA SALVAGE					16				16
6. OIL (GALLONS)			20,000		3,680				23,680
7. SOLVENTS (GALLONS)					55				55
8. CHEMICALS									
LIQUID (GALLONS)					95				95
SOLIDS (POUNDS)					1,712				1,712
9. OTHERS									
CFA LANDFILL					877				877
FBP LANDFILL	15								15
NRF LANDFILL					454				454
CFA SALVAGE					9				9
TOTAL SANITARY TYPES 1, 2, 3, 4, 5, & 9 (CUBIC YARDS)	2,987		6,329	3,127	9,838	2,647	1,911	4,463	31,200
OIL & SOLVENTS TYPES 6 & 7 (GALLONS)			20,000		3,735				23,740
CHEMICALS									
LIQUIDS (GALLONS)					95				95
SOLIDS (POUNDS)					1,712				1,712

* EXCEPT AS NOTED

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NRTS INDUSTRIAL WASTE SUMMARY IN CUBIC YARDS*
FOR JANUARY THROUGH DECEMBER 1972

TYPES	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
1. TRASH	4,012		5,466	3,209	8,619	1,441	2,188	4,686	29,620
2. CAFETERIA GARBAGE			793		571			134	1,498
3. WOOD & SCRAP LUMBER								24	24
4. MASONRY & CONCRETE			78	97		16		17	208
5. SCRAP METAL				7					7
CFA SALVAGE					15				15
6. OIL (GALLONS)			2,000		3,520				5,520
7. SOLVENTS (GALLONS)					41				41
8. CHEMICALS									
LIQUID (GALLONS)					7,235				7,235
SOLIDS (POUNDS)					1,430				1,430
CFA ACID PIT									
LIQUID (GALLONS)					1,934				1,934
SOLIDS (POUNDS)					4,800				4,800
9. OTHERS					1,938				1,938
TOTALS									
SANITARY TYPES 1, 2, 3, 4, 5, & 9 (CUBIC YARDS)	4,012		6,337	3,313	11,140	1,457	2,188	4,861	33,310
OIL & SOLVENTS TYPES 6 & 7 (GALLONS)			2,000		3,561				5,561
CHEMICALS									
LIQUIDS (GALLONS)					9,169				9,169
SOLIDS (POUNDS)					6,230				6,230

* EXCEPT AS NOTED

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NRTS INDUSTRIAL WASTE SUMMARY IN CUBIC YARDS*
FOR JANUARY THROUGH DECEMBER 1973

TYPES	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
1. TRASH	3,915		3,860	3,303	7,817	705	3,692	4,159	27,450
2. CAFETERIA GARBAGE	64		1,077	16	464			206	1,827
3. WOOD & SCRAP LUMBER			82			6	6	54	148
4. MASONRY & CONCRETE			53	54		16	32	13	168
5. SCRAP METAL	12			4		5	38		59
6. OIL (GALLONS)			5,000		8,765			1,500	15,270
7. SOLVENTS (GALLONS)									
8. CHEMICALS									
LIQUID (GALLONS)					1,385				1,385
TRA MTR-631 LIQUID (GALLONS)								1,509	1,509
9. OTHERS									
LIQUID (GALLONS)					449				449
SOLIDS (CU. FT.)					263				263
TOTALS									
SANITARY TYPES 1, 2, 3, 4, 5, & 9 (CUBIC YARDS)	3,991		5,072	3,377	8,993	732	3,769	4,432	30,370
OILS & SOLVENTS TYPES 6 & 7 (GALLONS)			5,000		8,765			1,500	15,270
CHEMICALS LIQUID (GALLONS)					1,385			1,509	2,894

* EXCEPT AS NOTED

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

LIQUID
INDUSTRIAL WASTE SUBSTANCES SUMMARY IN POUNDS
FOR 1971, 1972 AND 1973

SUBSTANCE IDENTIFICATION	1971	1972	1973	TOTAL
AUTO CLEANERS	2,688	4,920	5,936	13,540
BETZ A-9		75	75	150
BETZ 419			915	915
BETZ DF 481		1,721	14,890	16,610
BETZ J-12		40		40
BETZ NEUTRMEEN	488	1,256	1,332	3,076
BETZ 109			3	3
BETZ 194	63	225	275	563
BETZ 406			90	90
BIOCIDE D-2	16,670	3,605	975	21,250
BLEACH	3	305	494	802
CALCIUM ION	150	204	204	558
CHLORIDE ION	839,400	825,800	518,100	2,183,000
DIANODIC-194	2,260	5,680	21,300	29,240
DISPERSANT 403			18,570	18,570
HEXAVALENT CHROMIUM	2,016	3,237		5,253
HYPOCHLORITE	4,434	4,478	20,750	29,660
KWIK KLEEN		100	1,200	1,300
LAUNDRY PRODUCTS	900	1,050	1,165	3,115
NITRATE ION	4		101,400	101,400
OROCOL 194		150		150
OROCOL 734		1,271	45,040	46,310
PHOSPHATE ION	14,850	13,340	20,500	48,690
PHOTO LAB CHEMICALS	8,302	1,703	636	10,640
POLYNODIC 606			6,300	6,300
SKAZOL	1,696	2,400	1,920	6,016
SLIMICIDE A-9	1,369	622	3,920	5,911
SLIMICIDE C-35			1,687	1,687
SLIMICIDE D-2			1,540	1,540
SLIMICIDE J-12			3,230	3,230
SLIMICIDE J-9	1,052	1,311	9,912	12,280
SLIMICIDE 403			4,968	4,968
SOAP	16,620	17,700	15,760	50,080
SODIUM ION	811,900	726,400	505,700	2,044,000
SPRA-SAF	800	1,100		1,900
SULFATE ION	2,442,000	2,178,000	2,231,000	6,851,000
SULFITE ION	2,705	3,258	3,765	9,728
SULFUR DIOXIDE	15	5,295	6,108	11,420
TDS	2,875,000	3,183,000	2,598,000	8,656,000
TRIVALENT CHROMIUM			164	164
ZINC ION	3,081	784		3,865
TOTAL	7,048,000	6,989,000	6,168,000	20,210,000

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDIG

LIQUID
INDUSTRIAL WASTE SUBSTANCES SUMMARY IN POUNDS
FOR JANUARY THROUGH DECEMBER, 1971

SUBSTANCE IDENTIFICATION	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
AUTO CLEANERS			2,688						2,688
BETZ NEUTRMEEN	488								488
BETZ-194						63			63
BIOCIDE D-2					16,670				16,670
BLEACH	3								3
CALCIUM ION				30			120		150
CHLORIDE ION			9,770	534,800	268,800	38	14,930	11,080	839,400
DIANODIC 194	2,260								2,260
HEXAVALENT CHROMIUM								2,016	2,016
HYPOCHLORITE			1,225	83			307	2,823	4,434
LAUNDRY PRODUCTS			900						900
NITRATE ION							4		4
PHOSPHATE ION	1			450	10,820		114	3,465	14,850
PHOTO LAB CHEMICALS	8,302								8,302
SKAZOL	1,696								1,696
SLIMICIDE A-9					1,369				1,369
SLIMICIDE J-9					552			500	1,052
SOAP	73		16,550						16,620
SODIUM ION	3,082		6,330	350,700	185,400	680	12,130	253,600	811,900
SPRA-SAF			800						800
SULFATE ION	11,210			73,480	144,900	218	6,973	2,206,000	2,442,000
SULFITE ION	2			950	525	878	299	48	2,705
SULFUR DIOXIDE						15			15
TDS				1,206,000	492,300			1,177,000	2,875,000
ZINC ION								3,082	3,082
TOTAL	27,120		38,260	2,166,000	1,121,000	1,892	34,880	3,660,000	7,048,000

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

LIQUID
INDUSTRIAL WASTE SUBSTANCES SUMMARY IN POUNDS
FOR JANUARY THROUGH DECEMBER, 1972

SUBSTANCE IDENTIFICATION	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
AUTO CLEANERS			4,920						4,920
BETZ A-9						75			75
BETZ DE 481								1,721	1,721
BETZ J-12						40			40
BETZ NEUTRHEEN	1,256								1,256
BETZ 194						225			225
BIOCIDE D-2					3,605				3,605
BLEACH			305						305
CALCIUM ION				37			165		204
CHLORIDE ION			16,570	453,200	334,500		21,520		825,800
DIONODIC 194	5,680								5,680
HEXAVALENT CHROMIUM								3,237	3,237
HYPOCHLORITE			1,407	97			429	2,546	4,478
KWIK KLEEN			100						100
LAUNDRY PRODUCTS			1,050						1,050
OROCOL 194								150	150
OROCOL 734								1,271	1,271
PHOSPHATE ION	185			425	11,750		201	773	13,340
PHOTO LAB CHEMICALS	1,703								1,703
SKAZOL	2,400								2,400
SLIMICIDE A-9					622				622
SLIMICIDE J-9					246			1,065	1,311
SOAP			17,700						17,700
SODIUM ION	3,679		10,730	298,500	227,900	387	15,680	169,500	726,400
SPRA-SAF			1,100						1,100
SULFATE ION	11,920			69,620	153,500	357	4,333	1,939,000	2,178,000
SULFITE ION	77			948	1,247	400	537	43	3,258
SULFUR DIOXIDE	4,860					435			5,295
TDS				1,561,000	528,500			1,093,000	3,183,000
ZINC ION								784	784
TOTAL	31,760		53,880	2,384,000	1,262,000	1,919	42,870	3,213,000	6,989,000

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

LIQUID
INDUSTRIAL WASTE SUBSTANCES SUMMARY IN POUNDS
FOR JANUARY THROUGH DECEMBER, 1973

SUBSTANCE IDENTIFICATION	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
AUTO CLEANERS			5,936						5,936
BETZ A-9						75			75
BETZ DE 419								915	915
BETZ DE 491								14,890	14,890
BETZ NEUTRMEEN	1,332								1,332
BETZ 109						3			3
BETZ 194						275			275
BETZ 406						90			90
BIOCIDE D-2					975				975
BLEACH			494						494
CALCIUM ION				71			131		204
CHLORIDE ION			13,350	170,100	307,700		26,900		518,100
DIONODIC 194	5,600							15,700	21,300
DISPERSANT 403					18,570				18,570
HYPOCHLORITE			1,264	186			339	18,960	20,750
KWIK KLEEN			1,200						1,200
LAUNDRY PRODUCTS			1,165						1,165
NITRATE ION				101,400					101,400
ORDCOL 734					35,980			9,063	45,040
PHOSPHATE ION	206			318	19,660		266	44	20,500
PHOTO LAB CHEMICALS	636								636
POLYNODIC 606								6,300	6,300
SKAZOL	1,920								1,920
SLIMICIDE A-9					3,920				3,920
SLIMICIDE C-35					1,687				1,687
SLIMICIDE D-2					1,540				1,540
SLIMICIDE J-12					3,230				3,230
SLIMICIDE J-9					2,640			7,272	9,912
SLIMICIDE 403					4,968				4,968
SOAP			15,760						15,760
SODIUM ION	4,389		8,646	114,300	219,000	688	18,960	139,700	505,700
SULFATE ION	16,170			75,500	611,900	1,330	3,350	1,522,000	2,231,000
SULFITE ION	126			989	1,960	8	611	71	3,765
SULFUR DIOXIDE	6,063					45			6,108
TDS				976,000	569,100			1,053,000	2,598,000
TRIVALENT CHROMIUM								164	164
TOTAL	36,440		47,820	1,439,000	1,803,000	2,514	50,560	2,788,000	6,168,000

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NRTS FUEL OIL SUMMARY
FOR 1971, 1972, AND 1973

	1971				1972				1973			
FACILITY	FUEL OIL (GAL)	SO2 (LBS)	PART. (LBS)	DIESEL (GAL)	FUEL OIL (GAL)	SO2 (LBS)	PART. (LBS)	DIESEL (GAL)	FUEL OIL (GAL)	SO2 (LBS)	PART. (LBS)	DIESEL (GAL)
ANL	585,600	125,200	9,445		957,800	147,000	9,704		961,100	45,860	1,812	
ARA	12,280	326			38,700	1,028			42,220	1,588		
CFA	547,500	112,600	18,570		625,200	88,520	13,610		705,900	18,770		
CPP	1,474,000	369,200	12,140		1,737,000	86,110			1,701,000	45,230		
NRF	1,547,000	548,000	10,550		1,690,000	291,500	5,052		1,976,000	215,800	5,049	
PBF	28,640	761			29,400	782			23,260	618		
TAN	574,700	207,200	9,015		823,600	187,400	9,983		792,400	58,610	2,814	
TRA	909,500	349,000	11,610	347,400*	1,167,000	281,500	7,646	433,000*	1,277,000	47,490	1,166	347,000*
TOTAL	5,679,000	1,712,000	71,310	347,400	7,069,000	1,084,000	46,000	433,000	7,479,000	434,000	10,860	347,000

* TRA EMERGENCY GENERATOR

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

NPTS WATER USAGE SUMMARY IN THOUSAND GALLONS
FOR 1971, 1972, AND 1973

YEAR	ANL	ARA	CFA	CPP	NRF	PBF	TAN	TRA	TOTAL
1971	90,440	16,330	96,090	260,600	478,600	9,102	35,110	1,427,000	2,403,000
1972	105,200	33,520	126,300	364,500	284,400	7,861	41,950	1,501,000	2,465,000
1973	105,600	36,750	118,800	379,900	565,600	10,520	46,600	1,285,000	2,549,000
TOTAL	291,200	86,600	341,200	1,005,000	1,329,000	27,480	123,700	4,213,000	7,417,000

DETAILS MAY NOT ADD UP TO TOTALS BECAUSE OF ROUNDING

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SCHED. NO. INF6161-A

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS MONTHLY WATER USAGE SUMMARY
DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

AREA OF ORIGIN	MONTHLY VOLUME PUMPED	MONTHLY VOLUME DISPOSED					ACCOUNTA-BILITY (%)
		AIR	SURFACE	SUBSURFACE	SEWAGE	TOTAL	
ANL	8,505		3,650	12	209	3,971	45.5
ARA	1,832						
CFA	6,288			186	3,410	3,596	57.2
CPP	19,870			18,260	665	18,925	95.2
NRF	48,559		23,000		754	23,754	48.9
PBF	319			7		7	2.2
TAN	2,858		1,219	1,273	363	2,855	99.9
TRA	90,235	20,820	39,440	19,910	599	80,769	89.5
GRAND TOTALS	178,466	20,820	67,309	39,648	6,000	133,777	75.0

SCHED. NO. INF6161-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS YEAR-TO-DATE WATER USAGE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

AREA OF ORIGIN	YEARLY VOLUME PUMPED	YEARLY VOLUME DISPOSED					ACCOUNTA-BILITY (%)
		AIR	SURFACE	SUBSURFACE	SEWAGE	TOTAL	
ANL	105,632		38,700	284	2,797	41,781	39.6
ARA	36,750						
CFA	118,780			3,126	47,692	50,818	42.9
CPP	379,910			348,710	9,702	358,412	94.3
NRF	565,649		112,543		12,923	125,466	22.2
PBF	10,524			1,001		1,001	9.5
TAN	46,595		24,907	15,735	5,940	46,582	100.0
TRA	1,284,934	316,305	493,504	203,268	9,372	1,022,449	79.6
GRAND TOTALS	2,548,774	316,305	669,654	572,124	88,426	1,646,509	64.6

NRTS INDUSTRIAL WASTE SUMMARY
DECEMBER 1973

AREA OF ORIGIN / TYPE OF WASTE		MONTHLY VOLUME OR WEIGHT	UNITS	YEAR-TO-DATE VOLUME OR WEIGHT	UNITS
ANL					
DISPOSED WASTE					
1 - TRASH	SOLID	448.0	CU. YD.	3,915.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	32.0	CU. YD.	64.0	CU. YD.
5 - SCRAP METAL	SOLID			12.0	CU. YD.
ARA					
DISPOSED WASTE					
1 - TRASH	SOLID				CU. YD.
CFA					
DISPOSED WASTE					
1 - TRASH	SOLID	477.0	CU. YD.	3,859.5	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	108.0	CU. YD.	1,076.5	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID	37.0	CU. YD.	82.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID	13.0	CU. YD.	52.5	CU. YD.
6 - OIL	LIQUID			5,000.0	GALLONS
CPP					
DISPOSED WASTE					
1 - TRASH	SOLID	420.0	CU. YD.	3,303.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID			16.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			54.0	CU. YD.
5 - SCRAP METAL	SOLID			4.0	CU. YD.
NRF					
DISPOSED WASTE					
1 - TRASH	SOLID	1,280.0	CU. YD.	7,817.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	24.0	CU. YD.	463.5	CU. YD.
8 - CHEMICALS	LIQUID			1,385.0	GALLONS
9 - OTHER	LIQUID			449.0	GALLONS
9 - OTHER	SOLID			7,098.8	CU. FT.
STORED WASTE					
6 - OIL	LIQUID	255.0	GALLONS	8,765.0	GALLONS
PBF					
DISPOSED WASTE					
1 - TRASH	SOLID			705.0	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID			6.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			16.0	CU. YD.
5 - SCRAP METAL	SOLID			5.0	CU. YD.
TAN					
DISPOSED WASTE					
1 - TRASH	SOLID	640.0	CU. YD.	3,692.0	CU. YD.

NRTS INDUSTRIAL WASTE SUMMARY
DECEMBER 1973

AREA OF ORIGIN / TYPE OF WASTE		MONTHLY VOLUME OR WEIGHT	UNITS	YEAR-TO-DATE VOLUME OR WEIGHT	UNITS
TAN					
DISPOSED WASTE					
3 - WOOD AND SCRAP LUMBER	SOLID			6.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			32.0	CU. YD.
5 - SCRAP METAL	SOLID			39.0	CU. YD.
TRA					
DISPOSED WASTE					
1 - TRASH	SOLID	512.0	CU. YD.	4,158.5	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	40.0	CU. YD.	205.5	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID	10.0	CU. YD.	54.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			13.0	CU. YD.
8 - CHEMICALS	LIQUID			1,509.3	GALLONS
STORED WASTE					
6 - OIL	LIQUID			1,500.0	GALLONS
NRTS GRAND TOTALS					
DISPOSED WASTE					
1 - TRASH	SOLID	3,777.0	CU. YD.	27,450.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	204.0	CU. YD.	1,825.5	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID	47.0	CU. YD.	148.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID	13.0	CU. YD.	167.5	CU. YD.
5 - SCRAP METAL	SOLID			59.0	CU. YD.
6 - OIL	LIQUID			5,000.0	GALLONS
8 - CHEMICALS	LIQUID			2,894.3	GALLONS
9 - OTHER	LIQUID			449.0	GALLONS
9 - OTHER	SOLID			7,098.8	CU. FT.
STORED WASTE					
6 - OIL	LIQUID	255.0	GALLONS	10,265.0	GALLONS

SCHED. NO. INF6163

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY
DECEMBER 1973

ALL FACILITIES	MONTHLY				YEAR-TO-DATE			
SUBSTANCES	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)
AUTO CLEANERS			680	680			5,936	5,936
BETZ A-9							75	75
BETZ DE 419			915	915			915	915
BETZ DE 481						1,395	13,490	14,885
BETZ NEUTRMEEN		68		68		1,332		1,332
BETZ 109							3	3
BETZ 194							275	275
BETZ 406							90	90
BIOCIDE D-2						975		975
BLEACH			50	50			494	494
CALCIUM ION		7	11	18		132	72	204
CHLORIDE ION		26,162	16,298	42,459		328,918	189,185	518,103
CHROMIUM TRIVALENT						164		164
DIANODIC 194		300		300		5,600	15,700	21,300
DISPERSANT 403		3,200		3,200		18,566		18,566
HYPOCHLORITE		59	58	117		18,675	2,071	20,746
KWIK KLEEN			100	100			1,200	1,200
LAUNDRY PRODUCTS			50	50			1,165	1,165
NITRATE ION			2,738	2,738			101,392	101,392
OROCOL 734		4,775		4,775		37,782	7,256	45,038
PHOSPHATE ION		329	55	384		20,058	439	20,497
PHOTO LAB CHEMICAL		53		53		636		636

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY
DECEMBER 1973

ALL FACILITIES	MONTHLY				YEAR-TO-DATE			
SUBSTANCES	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)
POLYNODIC 606			6,300	6,300			6,300	6,300
SKAZOL		80		80		1,920		1,920
SLIMICIDE A-9		930		880		3,920		3,920
SLIMICIDE C-35		168		168		1,687		1,687
SLIMICIDE D-2		220		220		1,540		1,540
SLIMICIDE J-12		348		348		3,230		3,230
SLIMICIDE J-9		480	500	980		3,100	6,812	9,912
SLIMICIDE 403						4,968		4,968
SOAP			1,298	1,298			15,761	15,761
SODIUM ION		30,362	10,941	41,303		377,736	127,935	505,671
SULFATE ION		138,586	36,325	174,911		1,737,465	493,196	2,230,660
SULFITE ION		868	140	1,008		2,473	1,292	3,765
SULFUR DIOXIDE		422		422		6,063	45	6,108
TDS.		185,076	179,100	364,176		569,099	2,029,150	2,598,249

SCHED. NO. INF6164-A

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS MONTHLY FUEL OIL SUMMARY
DECEMBER 1973

AREA OF ORIGIN	FUEL OIL IN GALLONS					POUNDS DISCHARGED		
	TYPE 2	TYPE 5	TYPE 6	KEROSENE	DIESEL	SO2	NOX	PARTICULATES
ANL	113,900					5,552		510
ARA		2,120				521		
CFA	75,410					2,005		
CPP	175,000					4,653		
NRF		158,000				44,406		1,104
PBF	9,104					242		
TAN		103,500				25,432		
TRA	94,910	28,580				9,546		1,186
GRAND TOTALS	468,324	292,200				92,357		2,800

SCHED. NO. INF6164-8

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS YEAR-TO-DATE FUEL OIL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA OF ORIGIN	FUEL OIL IN GALLONS					POUNDS DISCHARGED		
	TYPE 2	TYPE 5	TYPE 6	KEROSENE	DIESEL	SO2	NOX	PARTICULATES
ANL	961,130					45,862		1,812
ARA	40,100	2,120		5		1,588		
CFA	705,906					18,767		
CPP	1,701,040					45,225		
NRF	1,378,850	597,400				215,808		5,049
PBF	23,264			5		618		
TAN	621,100	171,300				58,605		2,814
TRA	1,248,580	28,580			273,438	47,485		1,186
GRAND TOTALS	6,679,970	799,400		10	273,438	433,958		10,861

SCHED. NO. INF6166-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TRA AIRBORNE DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
COOLING TOWERS													
VOLUME (CU.FT. IN 1000)	1,844	4,510	7,519	7,897	1,652	327	3,385	4,379	1,975	4,383	1,035	2,742	41,648
STEAM LOSS													
VOLUME (CU.FT. IN 1000)	43	153	61	92	44		84	50	81	95	51	41	795

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ DE 419 WEIGHT (POUNDS)												915	915
BETZ DE 481 WEIGHT (POUNDS)	600	1,426	2,245	2,000	414	200	1,000		2,000	5,000			14,885
CHROMIUM TRIVALENT WEIGHT (POUNDS)										164			164
DIANODIC 194 WEIGHT (POUNDS)						4,500	200	3,800	7,200				15,700
HYPOCHLORITE WEIGHT (POUNDS)	94	96	119	17,680	155	101	173	228	87	98	69	58	18,958
OROCOL 734 WEIGHT (POUNDS)	600	2,000	3,171	2,541	414	200	137						9,063
PHOSPHATE ION WEIGHT (POUNDS)	2	2	3	3	12	3	3	2	4	3	3	4	44
POLYNODIC 606 WEIGHT (POUNDS)												6,300	6,300
SLIMICIDE J-9 WEIGHT (POUNDS)	125	240	882	720	360	720	990	825	660	875	375	500	7,272
SODIUM ION WEIGHT (POUNDS)	14,661	10,957	13,937	13,368	10,320	9,964	12,391	11,561	13,469	9,111	9,481	10,434	139,654
SULFATE ION WEIGHT (POUNDS)	132,409	121,953	187,136	202,017	101,207	88,162	126,653	136,864	112,301	139,214	69,019	105,468	1,522,403
SULFITE ION WEIGHT (POUNDS)	6	4	4	4	3	5	5	3	10	12	4	11	71
TDS WEIGHT (POUNDS)	8,535	56,731	117,870	82,624	34,270	57,587	110,128	187,438	51,324	175,034	66,118	105,481	1,053,140

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
CHEMICAL WASTE POND SURFACE													
VOLUME (GAL. IN 1000)	3,479	2,687	3,043	3,050	2,447	2,294	2,813	2,474	2,753	2,111	2,060	2,219	31,430
HYDROGEN-ION CONC. (PH)													
PHOSPHATE ION													
CONCENTRATION (PPM)	.06	.08	.14	.13	.61	.16	.13	.12	.20	.16	.16	.20	.17
WEIGHT (POUNDS)	2	2	3	3	12	3	3	2	4	3	3	4	44
SODIUM ION													
CONCENTRATION (PPM)	504.98	488.65	548.83	525.20	505.38	520.48	527.81	559.97	586.28	517.18	551.48	563.44	532.44
WEIGHT (POUNDS)	14,661	10,957	13,937	13,368	10,320	9,964	12,391	11,561	13,469	9,111	9,481	10,434	139,654
SULFATE ION													
CONCENTRATION (PPM)	3618.19	3390.16	4074.92	4127.11	4040.51	4215.39	4191.24	4048.10	4205.88	4196.26	4014.84	4013.70	3,998.11
WEIGHT (POUNDS)	105,047	76,019	103,480	105,047	82,510	80,699	98,389	83,577	96,627	73,924	69,019	74,326	1,048,664
SULFITE ION													
CONCENTRATION (PPM)	.20	.17	.18	.17	.12	.25	.22	.15	.41	.68	.26	.58	.27
WEIGHT (POUNDS)	6	4	4	4	3	5	5	3	10	12	4	11	71
DESERT SURFACE													
VOLUME (GAL. IN 1000)	50,160	43,940	50,530	28,570	35,310	7,340	40,680	46,660	42,970	28,570	37,440	37,220	445,390
HYDROGEN-ION CONC. (PH)													
DESERT DEPRESSION SURFACE													
VOLUME (GAL. IN 1000)										632			632
HYDROGEN-ION CONC. (PH)													
CHROMIUM TRIVALENT													
CONCENTRATION (PPM)										31.11			31.11
WEIGHT (POUNDS)										164			164
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	4,879	12,850	14,010	10,960	11,210	24,690	19,050	25,570	12,600	20,520	32,530	19,910	208,779
HYDROGEN-ION CONC. (PH)	8.2	8.6	8.3	9.2	8.4	8.1	8.2	7.6	7.1	7.3	7.9	8.8	8.1
BETZ DE 419													
CONCENTRATION (PPM)												5.51	.53
WEIGHT (POUNDS)												915	915
BETZ DE 481													
CONCENTRATION (PPM)	10.00	11.22	15.27	16.51	4.12	.97	6.29		19.02	29.20			7.74
WEIGHT (POUNDS)	407	1,203	1,785	1,510	385	200	1,000		2,000	5,000			13,490

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DIANODIC 194													
CONCENTRATION (PPM)						21.84	1.26	17.81	68.47				9.01
WEIGHT (POUNDS)						4,500	200	3,800	7,200				15,700
HYPOCHLORITE													
CONCENTRATION (PPM)	.77	.27	.36	.26	.87	.27	.67	.75	.19	.18	.09	.10	.36
WEIGHT (POUNDS)	31	29	43	24	82	55	106	160	20	30	25	17	622
OROCOL 734													
CONCENTRATION (PPM)	10.00	15.74	21.56	20.97	4.12	.97	.86						4.16
WEIGHT (POUNDS)	407	1,688	2,521	1,918	385	200	137						7,256
POLYNODIC 606													
CONCENTRATION (PPM)												37.92	3.62
WEIGHT (POUNDS)												6,300	6,300
SLIMICIDE J-9													
CONCENTRATION (PPM)	2.08	1.89	6.00	5.94	3.58	3.49	6.23	3.87	6.28	5.11	1.38	3.01	3.91
WEIGHT (POUNDS)	85	202	701	544	335	720	990	825	660	875	375	500	6,812
SULFATE ION													
CONCENTRATION (PPM)	455.64	361.52	568.81	800.43	186.07	36.22	177.79	249.72	149.06	381.27		187.43	238.51
WEIGHT (POUNDS)	18,552	38,768	66,503	73,210	17,407	7,463	28,264	53,287	15,674	65,290		31,142	415,560
TDS													
CONCENTRATION (PPM)	210.00	530.00	1010.00	905.00	367.00	280.00	694.00	880.00	489.00	1024.00	244.00	636.00	604.45
WEIGHT (POUNDS)	8,535	56,731	117,870	82,624	34,270	57,587	110,128	187,438	51,324	175,034	66,118	105,481	1,053,140
SEWAGE PLANT SURFACE													
VOLUME (GAL. IN 1000)	871	778	782	750	867	734	871	838	689	951	642	599	9,372
HYDROGEN-ION CONC. (PH)	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.7	7.8	7.8	7.8	7.9	7.8
HYPOCHLORITE													
CONCENTRATION (PPM)	6.59	9.39	10.01	7.31	9.32	7.46	9.28	9.65	11.74	8.50	8.13	8.28	8.77
WEIGHT (POUNDS)	48	61	65	46	67	46	67	67	67	67	44	41	686
WARM WASTE POND SURFACE													
VOLUME (GAL. IN 1000)	2,316	2,366	3,615	3,551	829								12,677
HYDROGEN-ION CONC. (PH)													
BETZ DE 481													
CONCENTRATION (PPM)	9.99	11.29	15.25	16.54	4.13								13.19
WEIGHT (POUNDS)	193	223	460	490	29								1,395

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
HYPOCHLORITE													
CONCENTRATION (PPM)	.77	.28	.37	594.26	.87								166.81
WEIGHT (POUNDS)	15	5	11	17,610	6								17,647
OROCOL 734													
CONCENTRATION (PPM)	9.99	15.80	21.55	21.02	4.13								17.08
WEIGHT (POUNDS)	193	312	650	623	29								1,807
SLIMICIDE J-9													
CONCENTRATION (PPM)	2.08	1.90	6.00	5.95	3.58								4.34
WEIGHT (POUNDS)	40	37	181	176	25								459
SULFATE ION													
CONCENTRATION (PPM)	455.83	362.90	568.55	801.80	186.49								549.91
WEIGHT (POUNDS)	8,810	7,165	17,152	23,760	1,290								58,177

TRA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	550.0	300.0	200.0	360.0	360.0	324.0	8.5	138.0	474.0	420.0	512.0	512.0	4,158.5
2 Y SOLID	30.0	10.0	15.0	18.0	12.0	9.0	3.5		42.0	2.0	24.0	40.0	205.5
3 Y SOLID									36.0		8.0	10.0	54.0
4 Y SOLID				5.0					8.0				13.0
CFA OIL DEPOT													
STORED WASTE													
6 K LIQUID OIL							1,500.0						1,500.0
TRA MTR 631													
DISPOSED WASTE													
8 K LIQUID SULFURIC ACID								1,509.3					1,509.3
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	550.0	300.0	200.0	360.0	360.0	324.0	8.5	138.0	474.0	420.0	512.0	512.0	4,158.5
2 Y SOLID	30.0	10.0	15.0	18.0	12.0	9.0	3.5		42.0	2.0	24.0	40.0	205.5
3 Y SOLID									36.0		8.0	10.0	54.0
4 Y SOLID				5.0					8.0				13.0
8 K LIQUID								1,509.3					1,509.3
STORED WASTE													
6 K LIQUID							1,500.0						1,500.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TRA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	62,310	95,030	129,100	113,400	28,720	16	44,770	98,520	24,540		13,930	9,698	620,034
2 WATER PUMPED (GAL)	49,980												49,980
3 WATER PUMPED (GAL)			29,370		34	16	13,200	15	67		1,071	527	44,300
4 WATER PUMPED (GAL)		19,920		20,610	60,510	88,950	53,960	20,870	79,760	80,140	65,890	80,010	570,620
TOTAL WATER PUMPED (GAL)	112,290	114,950	158,470	134,010	89,264	88,982	111,930	119,405	104,367	80,140	80,891	90,235	1,284,934
WATER DISPOSAL													
AIR (GAL)	14,110	33,850	56,710	59,750	12,690	2,294	25,940	33,150	15,380	33,490	8,121	20,820	316,305
SURFACE (GAL)	55,960	48,990	57,190	35,170	38,590	9,634	43,490	49,140	45,720	30,680	39,500	39,440	493,504
SUBSURFACE (GAL)	4,878	12,850	14,010	10,960	11,210	24,690	19,050	25,570	12,600	15,010	32,530	15,910	203,268
SEWAGE DATA													
BUILD VOLUME (GAL)	871	778	782	750	867	734	871	838	689	951	642	599	9,372
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	41.0	36.1	40.9	52.7	38.5	38.0	37.7	32.4	35.5	35.4	27.5	48.0	38.6
FINAL CONC. (PPM)	14.5	15.5	12.7	16.1	14.3	11.0	11.0	16.1	9.4	16.4	14.4	17.1	14.0
% REMOVED	64.6	57.1	68.9	69.4	62.9	71.1	70.8	50.3	73.5	53.7	47.6	64.4	63.7
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)							.2	.4	.4	.1	.9	1.0	.5
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	5.0	5.3	5.1	4.6	4.1	5.1	2.5
INCREASED FACTOR							24.0	12.3	11.8	45.0	3.6	4.1	4.0
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)	2.0	2.6	4.4	1.4	1.4	1.3	.8	1.2	1.1	.8	.4	.5	1.5
FINAL CONC. (ML/L)	.15	.08	.07	.20	.09	.06	.05	.05	.06	.08	.05	.05	.08
% REMOVED	92.5	96.9	98.4	85.7	93.6	95.4	93.8	95.8	94.5	90.0	87.5	90.0	94.7
PH-FINAL	7.8	7.8	7.8	7.8	7.7	7.7	7.6	7.7	7.8	7.8	7.8	7.9	7.8
TOTAL SEWAGE VOL. (GAL)	871	778	782	750	867	734	871	838	689	951	642	599	9,372
TOTAL WATER DISPOSED (GAL)	75,819	96,468	128,692	106,630	63,357	37,352	89,351	108,698	74,389	80,131	80,793	80,769	1,022,449
ACCOUNTABILITY (%)	67.5	83.9	81.2	79.6	71.0	42.0	79.8	91.0	71.3	100.0	99.9	89.5	79.6

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TRA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
DIESEL													
VOLUME (GAL)	30	35	48	46	15	5	20	21	19	25	10		274
SO2 (LBS)	1	1	1	1			1	1	1	1			8
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	194	140	173	179	75	74	53	31	59	81	95	95	1,249
SO2 (LBS)	5	4	5	5	2	2	1	1	2	2	3	3	35
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)												29	29
SO2 (LBS)												7	7
NOX (LBS)													
PARTICULATES (LBS)												1	1
GRAND TOTALS													
SO2 (LBS)	6	5	6	6	2	2	2	2	3	3	3	10	50
NOX (LBS)													
PARTICULATES (LBS)												1	1

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ A-9													
WEIGHT (POUNDS)						75							75
BETZ 109													
WEIGHT (POUNDS)	3												3
BETZ 194													
WEIGHT (POUNDS)		100			50			25		50	50		275
BETZ 406													
WEIGHT (POUNDS)		33			17			8		16	16		90
SODIUM ION													
WEIGHT (POUNDS)	108	36			72			76	144	144	72	36	688
SULFATE ION													
WEIGHT (POUNDS)	264				225			176	176	176	225	88	1,330
SULFITE ION													
WEIGHT (POUNDS)		1			1			6					8
SULFUR DIOXIDE													
WEIGHT (POUNDS)		5			40								45

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
CHEM DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	9	17			6	80		26	6	6	6	3	159
HYDROGEN-ION CONC. (PH)													
BETZ A-9													
CONCENTRATION (PPM)						117.34							56.52
WEIGHT (POUNDS)						75							75
BETZ 109													
CONCENTRATION (PPM)	46.60												2.26
WEIGHT (POUNDS)	3												3
BETZ 194													
CONCENTRATION (PPM)		704.88			998.58			115.22		998.58	998.58		207.25
WEIGHT (POUNDS)		100			50			25		50	50		275
BETZ 406													
CONCENTRATION (PPM)		232.61			339.52			36.87		319.54	319.54		67.83
WEIGHT (POUNDS)		33			17			8		16	16		90
SODIUM ION													
CONCENTRATION (PPM)	1435.46	255.89			1443.50			348.08	2870.91	2870.91	1435.46	1435.46	518.51
WEIGHT (POUNDS)	108	36			72			76	144	144	72	36	688
SULFATE ION													
CONCENTRATION (PPM)	3519.39				4497.00			812.17	3519.39	3519.39	4497.00	3519.39	1,002.35
WEIGHT (POUNDS)	264				225			176	176	176	225	88	1,330
SULFITE ION													
CONCENTRATION (PPM)		4.48			13.98			29.27					6.03
WEIGHT (POUNDS)		1			1			6					8
SULFUR DIOXIDE													
CONCENTRATION (PPM)		35.24			798.86								33.91
WEIGHT (POUNDS)		5			40								45
WARM WASTE WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	37	39	20	405	27	54	11	33	44	149	19	4	842
HYDROGEN-ION CONC. (PH)													

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	75.0	50.0	50.0	194.0	300.0	32.0					4.0		705.0
3 Y SOLID											6.0		6.0
4 Y SOLID				16.0									16.0
5 Y SOLID											5.0		5.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	75.0	50.0	50.0	194.0	300.0	32.0					4.0		705.0
3 Y SOLID											6.0		6.0
4 Y SOLID				16.0									16.0
5 Y SOLID											5.0		5.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	180	432	160	401	512	1,346	813	1,126	774	271	225	162	6,402
2 WATER PUMPED (GAL)	238	218	372	283	585	495	493	327	352	316	286	157	4,122
TOTAL WATER PUMPED (GAL)	418	650	532	684	1,097	1,841	1,306	1,453	1,126	587	511	319	10,524
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)	46	56	20	405	33	134	11	59	50	155	25	7	1,001
SEWAGE DATA													
BUILD VOLUME (GAL)													
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL													
TOTAL SEWAGE VOL. (GAL)													
TOTAL WATER DISPOSED (GAL)	46	56	20	405	33	134	11	59	50	155	25	7	1,001
ACCOUNTABILITY (%)	11.0	8.6	3.8	59.2	3.0	7.3	.8	4.1	4.4	26.4	4.9	2.2	9.5

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	4	2		6					2			9	23
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEPTIC TANK SUBSURFACE													
VOLUME (GAL. IN 1000)													
HYDROGEN-ION CONC. (PH)													

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ARA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	VOLUME OR WEIGHT BY MONTH JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID													
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID													

ARA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
2 WATER PUMPED (GAL)	611	670	762	531	474	689	820	677	392	941	502	294	7,363
3 WATER PUMPED (GAL)	2,901	2,499	2,777	2,310	2,473	3,045	2,511	2,925	2,038	2,311	2,059	1,538	29,387
TOTAL WATER PUMPED (GAL)	3,512	3,169	3,539	2,841	2,947	3,734	3,331	3,602	2,430	3,252	2,561	1,832	36,750
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)													
SEWAGE DATA													
BUILD VOLUME (GAL)													
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL													
TOTAL SEWAGE VOL. (GAL)													
TOTAL WATER DISPOSED (GAL)													
ACCOUNTABILITY (%)													

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ARA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	10	10		9	4					4	3		40
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)												2	2
SO2 (LBS)												1	1
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)												1	1
NOX (LBS)													
PARTICULATES (LBS)													

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CALCIUM ION WEIGHT (POUNDS)	10	12	17	12	15	10	12	10	10	7	9	7	131
CHLORIDE ION WEIGHT (POUNDS)	3,156	2,549	4,704	2,853	2,185	1,639	971	1,411	3,490	1,214	1,548	1,184	26,904
HYPOCHLORITE WEIGHT (POUNDS)	25	30	45	32	39	27	31	26	27	18	22	17	339
PHOSPHATE ION WEIGHT (POUNDS)	29	21	34	24	16		4	5	15	14	47	57	266
SODIUM ION WEIGHT (POUNDS)	2,193	1,807	3,201	1,981	1,553	1,134	757	1,093	2,429	922	1,054	840	18,964
SULFATE ION WEIGHT (POUNDS)	351	140	264	245	352	247	403	396	423	529			3,350
SULFITE ION WEIGHT (POUNDS)	73	98	86	62	41		13	16	63	32	51	76	611

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DISPOSAL POND SURFACE													
VOLUME (GAL. IN 1000)	2,688	2,123	2,044	2,566	2,686	3,489	3,141	3,445	2,920	1,843	1,397	1,583	29,925
HYDROGEN-ION CONC. (PH)	7.1		7.2	7.3	7.3	7.0				7.5	7.6	7.9	7.4
CALCIUM ION													
CONCENTRATION (PPM)	.44	.66	1.02	.59	.68	.36	.46	.35	.43	.45	.75	.51	.52
WEIGHT (POUNDS)	10	12	17	12	15	10	12	10	10	7	9	7	131
CHLORIDE ION													
CONCENTRATION (PPM)	108.24	116.49	204.62	96.38	94.78	41.69	23.16	30.09	118.32	78.93	132.77	50.54	84.77
WEIGHT (POUNDS)	2,428	2,064	3,490	2,064	2,124	1,214	607	865	2,883	1,214	1,548	668	21,169
HYPOCHLORITE													
CONCENTRATION (PPM)	1.13	1.70	2.61	1.50	1.75	.92	1.19	.90	1.10	1.15	1.93	1.30	1.36
WEIGHT (POUNDS)	25	30	45	32	39	27	31	26	27	18	22	17	339
PHOSPHATE ION													
CONCENTRATION (PPM)	.50	.68	.73	.58	.21		.14	.17	.62	.89	2.30	2.03	.58
WEIGHT (POUNDS)	11	12	12	12	5		4	5	15	14	27	27	144
SODIUM ION													
CONCENTRATION (PPM)	74.37	80.79	138.63	67.03	63.42	28.66	17.15	21.93	83.57	59.95	88.64	35.08	58.82
WEIGHT (POUNDS)	1,668	1,431	2,365	1,435	1,422	834	450	630	2,036	922	1,033	464	14,690
SULFATE ION													
CONCENTRATION (PPM)	14.14	5.97	15.50	11.43	5.46	5.65	6.05	7.36	17.36	34.37			10.17
WEIGHT (POUNDS)	317	106	264	245	122	164	159	211	423	529			2,540
SULFITE ION													
CONCENTRATION (PPM)	1.27	1.43	1.86	1.48	.54		.48	.55	2.61	2.06	2.72	2.40	1.27
WEIGHT (POUNDS)	29	25	32	32	12		13	16	63	32	32	32	318
LOFT DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	137	196	254	145	599	468	257	365	292	125	1,389	273	4,500
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)	319.49	148.59	285.91	503.02		62.15	84.84	119.70	249.10			172.93	96.18
WEIGHT (POUNDS)	364	243	607	607		243	182	364	607			395	3,612
PHOSPHATE ION													
CONCENTRATION (PPM)	8.77	2.29	7.65	7.25	2.25							4.38	1.60
WEIGHT (POUNDS)	10	4	16	9	11							10	60

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SODIUM ION													
CONCENTRATION (PPM)	229.81	116.39	203.88	346.29	18.42	46.42	88.42	113.22	161.28			121.54	74.03
WEIGHT (POUNDS)	262	190	433	418	92	181	190	344	393			277	2,780
SULFATE ION													
CONCENTRATION (PPM)					46.01	21.05	114.03	60.81					19.76
WEIGHT (POUNDS)					230	82	245	185					742
SULFITE ION													
CONCENTRATION (PPM)	22.28	29.15	19.44	18.42	5.71							11.13	5.06
WEIGHT (POUNDS)	25	48	41	22	29							25	190
LPT DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	577	506	1,056	1,274	1,043	1,037	1,052	1,000	1,000	1,000	1,000	1,000	11,545
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)	75.58	57.53	68.88	17.13	6.97	21.04	20.74	21.82				14.55	22.05
WEIGHT (POUNDS)	364	243	607	182	61	182	182	182				121	2,124
PHOSPHATE ION													
CONCENTRATION (PPM)	1.56	1.18	.57	.28							2.40	2.40	.62
WEIGHT (POUNDS)	7	5	5	3							20	20	60
SODIUM ION													
CONCENTRATION (PPM)	54.43	43.95	45.84	12.01	4.52	13.62	13.43	14.13			2.47	11.89	15.49
WEIGHT (POUNDS)	262	185	404	128	39	118	118	118			21	99	1,492
SULFATE ION													
CONCENTRATION (PPM)	7.11	8.12											.71
WEIGHT (POUNDS)	34	34											68
SULFITE ION													
CONCENTRATION (PPM)	3.95	6.02	1.44	.78							2.28	2.28	1.07
WEIGHT (POUNDS)	19	25	13	8							19	19	103

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IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	350.0	300.0	200.0	150.0	150.0	150.0	10.0		380.0	450.0	912.0	640.0	3,692.0
3 Y SOLID											6.0		6.0
4 Y SOLID									32.0				32.0
5 Y SOLID										8.0	30.0		38.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	350.0	300.0	200.0	150.0	150.0	150.0	10.0		380.0	450.0	912.0	640.0	3,692.0
3 Y SOLID											6.0		6.0
4 Y SOLID									32.0				32.0
5 Y SOLID										8.0	30.0		38.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
LO1 WATER PUMPED (GAL)	131	116	253	141	256	289	71	274	128	1	1,114	70	2,844
LO2 WATER PUMPED (GAL)	6	80	2	4	34	179	186	91	165	124	275	204	1,350
LPT WATER PUMPED (GAL)	577	506	1,056	1,274	1,043	1,037	1,052	1,000	1,000	1,000	1,000	1,000	11,545
TF1 WATER PUMPED (GAL)	1,280	824	1,453	1,195	1,351	1,607	1,542	2,021	1,561	926	607	707	15,074
TF2 WATER PUMPED (GAL)	1,408	1,229	1,591	1,371	1,336	1,882	1,598	1,424	1,359	917	790	877	15,782
TOTAL WATER PUMPED (GAL)	3,402	2,755	4,355	3,985	4,020	4,994	4,449	4,810	4,213	2,968	3,786	2,858	46,595
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)	2,211	1,487	2,635	2,254	2,172	2,925	2,347	2,802	2,422	1,421	1,012	1,219	24,907
SUBSURFACE (GAL)	714	702	1,311	1,418	1,333	1,505	1,309	1,364	1,292	1,125	2,389	1,273	15,735
SEWAGE DATA													
BUILD VOLUME (GAL)	476	566	408	311	515	563	793	642	496	422	385	363	5,940
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	31.4	40.9	49.5	51.0	25.3	20.3	17.7	19.1	18.7	40.7	28.2	52.9	33.0
FINAL CONC. (PPM)	13.0	16.8	15.8	14.1	14.6	8.9	9.1	9.8	14.9	17.1	10.8	8.1	12.8
% REMOVED	58.6	58.9	68.1	72.4	42.3	56.2	48.6	48.7	20.3	58.0	61.7	84.7	61.2
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)							2.3	.4	2.0	.9	1.5	1.0	1.4
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	5.1	5.3	5.5	5.6	5.7	5.8	2.8
INCREASED FACTOR							1.2	12.3	1.8	5.2	2.8	4.8	1.0
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)					.4								.4
FINAL CONC. (ML/L)	.05	.05	.05	.35	.10	.05	.05	.05	.05	.20	.05	.05	.09
% REMOVED					75.0								77.5
PH-FINAL	7.1		7.2	7.3	7.3	7.0	7.7	7.6	7.6	7.5	7.6	7.9	7.4
TOTAL SEWAGE VOL. (GAL)	476	566	408	311	515	563	793	642	496	422	385	363	5,940
TOTAL WATER DISPOSED (GAL)	3,401	2,755	4,354	3,983	4,020	4,993	4,449	4,808	4,210	2,968	3,786	2,855	46,582
ACCOUNTABILITY (%)	100.0	100.0	100.0	99.9	100.0	100.0	100.0	100.0	99.9	100.0	100.0	99.9	100.0

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)	119	94	109	75	49	39	19	18	31	49	20		622
SO2 (LBS)	3	3	3	2	1	1	1		1	1	1		17
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)											68	104	172
SO2 (LBS)											17	25	42
NOX (LBS)													
PARTICULATES (LBS)											3		3
GRAND TOTALS													
SO2 (LBS)	3	3	3	2	1	1	1		1	1	18	25	59
NOX (LBS)													
PARTICULATES (LBS)											3		3

CFA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
AUTO CLEANERS WEIGHT (POUNDS)	280	280	280	280	280	336	280	880	880	760	720	680	5,536
BLEACH WEIGHT (POUNDS)	75	50	75	50	45	24	50			50	25	50	494
CHLORIDE ION WEIGHT (POUNDS)	1,214	1,214	1,214	1,214	1,214	1,214	1,214		1,214	1,214	1,214	1,214	13,354
HYPOCHLORITE WEIGHT (POUNDS)	141	109	120	136	121	117	107	123	81	96	99	14	1,264
KWIK KLEEN WEIGHT (POUNDS)	100	100	100	100	100	100	100	100	100	100	100	100	1,200
LAUNDRY PRODUCTS WEIGHT (POUNDS)	75	50	50	75	70	125	145	100	100	75	250	50	1,165
SOAP WEIGHT (POUNDS)	1,700	1,500	1,250	1,320	1,325	800	1,000	[illegible]	1,300	1,329	1,462	1,298	15,761
SODIUM ION WEIGHT (POUNDS)	786	786	786	786	786	786	786		786	786	786	786	8,646

CFA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEWAGE PLANT SUBSURFACE													
VOLUME (GAL. IN 1000)	3,393	6,192	5,523	3,529	4,350	4,678	3,474	3,330	2,889	7,188	2,679	3,410	50,635
HYDROGEN-ION CONC. (PH)	7.9	7.9	7.9	7.6	7.8	7.8	7.6	7.7	7.8	7.8	7.8	7.5	7.8
AUTO CLEANERS													
CONCENTRATION (PPM)	9.89	5.42	6.07	9.51	7.71	8.61	9.66	31.67	36.50	12.67	32.20	23.90	14.05
WEIGHT (POUNDS)	280	280	280	280	280	336	280	880	880	760	720	680	5,936
BLEACH													
CONCENTRATION (PPM)	2.65	.97	1.63	1.70	1.24	.61	1.72			.83	1.12	1.76	1.17
WEIGHT (POUNDS)	75	50	75	50	45	24	50			50	25	50	494
CHLORIDE ION													
CONCENTRATION (PPM)	42.86	23.49	26.33	41.21	33.43	31.09	41.86		50.34	20.23	54.28	42.65	31.60
WEIGHT (POUNDS)	1,214	1,214	1,214	1,214	1,214	1,214	1,214		1,214	1,214	1,214	1,214	13,354
HYPOCHLORITE													
CONCENTRATION (PPM)	5.00	2.11	2.60	4.63	3.34	2.99	3.70	4.41	3.37	1.60	4.45	.48	2.99
WEIGHT (POUNDS)	141	109	120	136	121	117	107	123	81	96	99	14	1,264
KWIK KLEEN													
CONCENTRATION (PPM)	3.53	1.94	2.17	3.40	2.75	2.56	3.45	3.60	4.15	1.67	4.47	3.51	2.84
WEIGHT (POUNDS)	100	100	100	100	100	100	100	100	100	100	100	100	1,200
LAUNDRY PRODUCTS													
CONCENTRATION (PPM)	2.65	.97	1.08	2.55	1.93	3.20	5.00	3.60	4.15	1.25	11.19	1.76	2.76
WEIGHT (POUNDS)	75	50	50	75	70	125	145	100	100	75	250	50	1,165
SOAP													
CONCENTRATION (PPM)	60.04	29.03	27.12	44.82	36.50	20.49	34.49	50.16	57.36	22.16	65.40	45.61	37.30
WEIGHT (POUNDS)	1,700	1,500	1,250	1,320	1,325	800	1,000	1,394	1,383	1,329	1,462	1,298	15,761
SODIUM ION													
CONCENTRATION (PPM)	27.77	15.22	17.06	26.70	21.66	20.14	27.13		32.62	13.11	35.17	27.63	20.46
WEIGHT (POUNDS)	786	786	786	786	786	786	786		786	786	786	786	8,646

CFA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	350.0	300.0	320.0	369.0	370.0	378.0	50.5	421.0	44.0	320.0	460.0	477.0	3,855.5
2 Y SOLID	31.0	35.0	48.0	140.0	80.0	72.0	16.5	10.0	364.0	60.0	112.0	108.0	1,076.5
3 Y SOLID									21.0		24.0	37.0	82.0
4 Y SOLID							5.5	16.0			18.0	13.0	52.5
CTY ARCO													
DISPOSED WASTE													
6 K LIQUID OIL					5,000.0								5,000.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	350.0	300.0	320.0	369.0	370.0	378.0	50.5	421.0	44.0	320.0	460.0	477.0	3,855.5
2 Y SOLID	31.0	35.0	48.0	140.0	80.0	72.0	16.5	10.0	364.0	60.0	112.0	108.0	1,076.5
3 Y SOLID									21.0		24.0	37.0	82.0
4 Y SOLID							5.5	16.0			18.0	13.0	52.5
6 K LIQUID					5,000.0								5,000.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CFA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	7	7	6	10	1,292	2,576	3,748	1,751	2,663	600	1,090	290	14,040
2 WATER PUMPED (GAL)	8,147	7,915	8,896	8,867	11,840	14,140	8,951	14,620	746	7,429	7,191	5,998	104,740
TOTAL WATER PUMPED (GAL)	8,154	7,922	8,902	8,877	13,132	16,716	12,699	16,371	3,409	8,029	8,281	6,288	118,780
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)	243	251	698	321	264	214	182	184	160	221	202	186	3,126
SEWAGE DATA													
BUILD VOLUME (GAL)	3,150	5,940	4,824	3,207	4,086	4,464	3,292	3,146	2,729	6,967	2,477	3,410	47,692
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	27.8	32.0	38.3	30.0	27.0	13.9	20.6	21.9	13.6	19.1	15.8	34.8	24.6
FINAL CONC. (PPM)	2.4	2.5	4.8	7.6	6.5	5.9	3.9	5.4	3.5	1.4	1.7	3.1	4.1
% REMOVED	91.4	92.2	87.5	74.7	75.9	57.6	81.1	75.3	74.3	92.7	89.2	91.1	83.3
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)							2.5	1.7	2.4	1.5	2.4	1.6	2.0
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	6.9	5.5	6.8	6.7	6.5	6.6	3.3
INCREASED FACTOR							1.8	2.2	1.8	3.5	1.7	3.1	.7
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)	3.5	1.7	1.8	1.6	1.7	.9	1.0	4.5	1.1	1.4	1.7	.4	1.8
FINAL CONC. (ML/L)	.05	.05	.10	.09	.11	.06	.06	.02	.17	.05	.23	.05	.09
% REMOVED	98.6	97.1	94.4	94.4	93.5	93.3	94.0	99.6	84.5	96.4	86.5	87.5	95.0
PH-FINAL	7.9	7.9	7.9	7.6	7.8	7.8	7.6	7.7	7.8	7.8	7.8	7.5	7.8
TOTAL SEWAGE VOL. (GAL)	3,150	5,940	4,824	3,207	4,086	4,464	3,292	3,146	2,729	6,967	2,477	3,410	47,692
TOTAL WATER DISPOSED (GAL)	3,393	6,191	5,522	3,528	4,350	4,678	3,474	3,330	2,889	7,188	2,679	3,596	50,818
ACCOUNTABILITY (%)	41.6	78.1	62.0	39.7	33.1	28.0	27.4	20.3	84.7	89.5	32.4	57.2	42.8

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CFA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)	130	96	53	68	46	75	4	16	31	27	83	75	704
SO2 (LBS)	3	3	1	2	1	2			1	1	2	2	18
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)	3	3	1	2	1	2			1	1	2	2	18
NOX (LBS)													
PARTICULATES (LBS)													

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CALCIUM ION WEIGHT (POUNDS)	3	3	3	3	3	4	2	3	22	7	7	11	71
CHLORIDE ION WEIGHT (POUNDS)	15,175	13,961	15,782	13,354	14,568	16,061	14,428	14,568	14,568	12,140	10,926	14,568	170,099
HYPOCHLORITE WEIGHT (POUNDS)	8	8	8	8	8	11	6	9	56	19	17	28	186
NITRATE ION WEIGHT (POUNDS)	10,140	6,907	110	9,287	5,246	10,307	6,769	9,279	6,733	8,346	25,530	2,738	101,392
PHOSPHATE ION WEIGHT (POUNDS)	50	50	25	56	19	12	31		25		25	25	318
SODIUM ION WEIGHT (POUNDS)	10,286	9,500	10,733	9,076	9,715	10,705	9,690	9,594	9,789	8,155	7,337	9,742	114,322
SULFATE ION WEIGHT (POUNDS)	9,137	6,665	7,715	7,489	5,243	7,671	6,665	4,666	6,629	4,479	4,041	5,095	75,455
SULFITE ION WEIGHT (POUNDS)	127	127	127	102	32	79	79	32	63	63	63	95	989
TDS WEIGHT (POUNDS)	68,514	78,742	1,310	77,688	85,687	96,827	101,989	114,438	71,969	96,085	109,140	73,619	976,008

CPP LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	32,900	20,730	474	26,420	29,990	32,560	35,800	37,130	27,870	25,690	25,540	18,260	313,364
HYDROGEN-ION CONC. (PH)	8.3	8.0	8.4	8.1	8.1	7.9	7.9	8.4	8.6	7.7	7.8	7.9	8.1
CHLORIDE ION													
CONCENTRATION (PPM)	55.27	80.70	3992.29	60.57	58.21	59.11	48.29	47.02	62.64	56.63	51.26	95.60	65.05
WEIGHT (POUNDS)	15,175	13,961	15,782	13,354	14,568	16,061	14,428	14,568	14,568	12,140	10,926	14,568	170,099
NITRATE ION													
CONCENTRATION (PPM)	37.00	40.00	28.00	42.20	21.00	38.00	22.70	30.00	29.00	39.00	120.00	18.00	38.77
WEIGHT (POUNDS)	10,140	6,907	110	9,287	5,246	10,307	6,769	9,279	6,733	8,346	25,530	2,738	101,392
PHOSPHATE ION													
CONCENTRATION (PPM)	.18	.29	6.32	.25	.07	.05	.10		.11		.12	.16	.12
WEIGHT (POUNDS)	50	50	25	56	19	12	31		25		25	25	318
SODIUM ION													
CONCENTRATION (PPM)	37.46	54.92	2715.12	41.16	38.82	39.40	32.44	30.96	42.09	38.04	34.43	63.94	43.72
WEIGHT (POUNDS)	10,286	9,500	10,733	9,076	9,715	10,705	9,690	9,594	9,789	8,155	7,337	9,742	114,322
SULFATE ION													
CONCENTRATION (PPM)	33.28	38.53	1951.50	33.97	20.95	28.23	22.31	15.06	28.50	20.89	18.96	33.43	28.87
WEIGHT (POUNDS)	9,137	6,665	7,715	7,489	5,243	7,671	6,665	4,666	6,629	4,479	4,041	5,095	75,495
SULFITE ION													
CONCENTRATION (PPM)	.46	.73	32.13	.46	.13	.29	.27	.10	.27	.30	.30	.63	.38
WEIGHT (POUNDS)	127	127	127	102	32	79	79	32	63	63	63	95	989
TDS													
CONCENTRATION (PPM)	250.00	456.00	332.00	353.00	343.00	357.00	342.00	370.00	310.00	449.00	513.00	484.00	373.22
WEIGHT (POUNDS)	68,514	78,742	1,310	77,688	85,687	96,827	101,989	114,438	71,969	96,085	109,140	73,619	976,008
SEWAGE PLANT SUBSURFACE													
VOLUME (GAL. IN 1000)	499	378	474	584	631	790	747	760	2,729	727	718	665	9,702
HYDROGEN-ION CONC. (PH)	7.8	7.8	7.9	7.8	7.6	7.5	7.3	7.6	7.8	7.8	7.8	7.9	7.7
CALCIUM ION													
CONCENTRATION (PPM)	.72	.95	.75	.61	.60	.65	.36	.53	.96	1.20	1.12	1.95	.88
WEIGHT (POUNDS)	3	3	3	3	3	4	2	3	22	7	7	11	71
HYPOCHLORITE													
CONCENTRATION (PPM)	1.84	2.43	1.94	1.57	1.54	1.67	.92	1.36	2.46	3.09	2.88	5.00	2.30
WEIGHT (POUNDS)	8	8	8	8	8	11	6	9	56	19	17	28	186

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	279.0	250.0	200.0	360.0	320.0	300.0	12.0	90.0	400.0	340.0	332.0	420.0	3,303.0
2 Y SOLID									16.0				16.0
4 Y SOLID			10.0	32.0							12.0		54.0
5 Y SOLID				4.0									4.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	279.0	250.0	200.0	360.0	320.0	300.0	12.0	90.0	400.0	340.0	332.0	420.0	3,303.0
2 Y SOLID									16.0				16.0
4 Y SOLID			10.0	32.0							12.0		54.0
5 Y SOLID				4.0									4.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)	35,070	22,160	38,110	28,360	32,150	35,020		39,780	32,130	26,420	27,570	19,870	336,640
1 WATER PUMPED (GAL)							43,270						43,270
TOTAL WATER PUMPED (GAL)	35,070	22,160	38,110	28,360	32,150	35,020	43,270	39,780	32,130	26,420	27,570	19,870	379,910
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)	32,900	20,730	35,820	26,420	29,990	32,560	35,800	37,130	27,870	25,690	25,540	18,260	348,710
SEWAGE DATA													
BUILD VOLUME (GAL)	499	378	474	584	631	790	747	760	2,729	727	718	665	9,702
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	84.0	69.8	80.9	76.7	71.3	59.6	45.9	47.1	46.3	72.6	59.8	97.4	67.6
FINAL CONC. (PPM)	13.1	17.0	17.3	12.9	12.2	15.1	18.3	14.9	14.6	20.3	11.1	19.7	15.5
% REMOVED	84.4	75.6	78.6	83.2	82.9	74.7	60.1	68.4	68.5	72.0	81.4	79.8	77.1
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)							.5	.5	1.3	.4	3.0	2.9	1.4
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	4.0	4.6	5.2	4.7	5.3	5.0	2.5
INCREASED FACTOR							7.0	8.2	3.0	10.8	.8	.7	.8
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)	1.1	1.0	1.8	1.4	2.6	1.2	1.6	2.1	1.1	1.4	.5	.6	1.4
FINAL CONC. (ML/L)	.05	.05	.05	.05	.06	.05	.08	.06	.40	.05	.05	.05	.08
% REMOVED	95.5	95.0	97.2	96.4	97.7	95.8	95.0	97.1	63.6	96.4	90.0	91.7	94.3
PH-FINAL	7.8	7.8	7.9	7.8	7.6	7.5	7.3	7.6	7.8	7.8	7.8	7.9	7.7
TOTAL SEWAGE VOL. (GAL)	499	378	474	584	631	790	747	760	2,729	727	718	665	9,702
TOTAL WATER DISPOSED (GAL)	33,399	21,108	36,294	27,004	30,621	33,350	36,547	37,890	30,599	26,417	26,258	18,925	358,412
ACCOUNTABILITY (%)	95.2	95.3	95.2	95.2	95.2	95.2	84.5	95.2	95.2	100.0	95.2	95.2	94.3

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)	241	201	211	165	114	104	80	62	94	119	135	175	1,701
SO2 (LBS)	6	5	6	4	3	3	2	2	2	3	4	5	45
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)	6	5	6	4	3	3	2	2	2	3	4	5	45
NOX (LBS)													
PARTICULATES (LBS)													

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BIOCIDE D-2 WEIGHT (POUNDS)	325	325	325										975
CHLORIDE ION WEIGHT (POUNDS)	25,494	24,280	26,708	25,494	25,494	25,494	25,494	25,494	26,101	25,494	26,708	25,494	307,749
DISPERSANT 403 WEIGHT (POUNDS)						2,898	3,588	828	2,760	4,314	978	3,200	18,566
DROCOL 734 WEIGHT (POUNDS)						5,775	7,150	1,650	5,600	8,700	2,325	4,775	35,975
PHOSPHATE ION WEIGHT (POUNDS)	1,085	728	729	4,883	8,025	911	914	1,567	128	239	156	297	19,662
SLIMICIDE A-9 WEIGHT (POUNDS)					400	440	440	440	440	440	440	880	3,520
SLIMICIDE C-35 WEIGHT (POUNDS)	175			168	168	168	168	168	168	168	168	168	1,687
SLIMICIDE D-2 WEIGHT (POUNDS)						220	220	220	220	220	220	220	1,540
SLIMICIDE J-12 WEIGHT (POUNDS)	362	300	44	44	44	348	348	348	348	348	348	348	3,230
SLIMICIDE J-9 WEIGHT (POUNDS)					240	240	240	240	240	480	480	480	2,640
SLIMICIDE 403 WEIGHT (POUNDS)	276	138	138	2,208	2,208								4,968
SODIUM ION WEIGHT (POUNDS)	17,754	17,244	18,885	17,406	17,406	18,168	19,139	18,863	19,118	18,585	17,292	19,139	218,999
SULFATE ION WEIGHT (POUNDS)	12,982	14,842	16,751	40,589	40,756	9,307	129,130	48,558	90,097	112,683	34,549	61,667	611,911
SULFITE ION WEIGHT (POUNDS)	65	37	77	111	146	203	119	57	115	104	103	823	1,960
TDS WEIGHT (POUNDS)				127,349	89,381				36,674	39,574	91,045	185,076	569,099

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEWAGE POND SURFACE													
VOLUME (GAL. IN 1000)	920	1,325	1,034	932	1,166	1,095	867	1,516	847	1,689	778	754	12,923
HYDROGEN-ION CONC. (PH)						9.6	11.1	11.1	10.7	10.9	9.3	9.6	10.3
WASTE DITCH SURFACE													
VOLUME (GAL. IN 1000)	6,410	6,030	6,250	14,000	18,500	7,510	8,539	9,424	4,262	4,918	3,700	23,000	112,543
HYDROGEN-ION CONC. (PH)				7.0	8.6		5.5	6.9	6.8	6.4	2.2	3.3	5.8
BIOCIDE D-2													
CONCENTRATION (PPM)	6.08	6.46	6.23										1.04
WEIGHT (POUNDS)	325	325	325										975
CHLORIDE ION													
CONCENTRATION (PPM)	476.59	482.50	512.06	218.21	165.13	406.78	357.76	324.16	733.85	621.17	864.97	132.82	327.67
WEIGHT (POUNDS)	25,494	24,280	26,708	25,494	25,494	25,494	25,494	25,494	26,101	25,494	26,708	25,494	307,749
DISPERSANT 403													
CONCENTRATION (PPM)						46.24	50.35	10.53	77.60	105.11	31.67	16.67	19.77
WEIGHT (POUNDS)						2,898	3,588	828	2,760	4,314	978	3,200	18,566
OROCOL 734													
CONCENTRATION (PPM)						92.15	100.34	20.98	157.45	211.98	75.30	24.88	38.30
WEIGHT (POUNDS)						5,775	7,150	1,650	5,600	8,700	2,325	4,775	35,975
PHOSPHATE ION													
CONCENTRATION (PPM)	20.28	14.47	13.98	41.79	51.98	14.54	12.83	19.92	3.60	5.82	5.05	1.55	20.93
WEIGHT (POUNDS)	1,085	728	729	4,883	8,025	911	914	1,567	128	239	156	297	19,662
SLIMICIDE A-9													
CONCENTRATION (PPM)					2.59	7.02	6.17	5.59	12.37	10.72	14.25	4.58	4.17
WEIGHT (POUNDS)					400	440	440	440	440	440	440	880	3,920
SLIMICIDE C-35													
CONCENTRATION (PPM)	3.27			1.44	1.09	2.68	2.36	2.14	4.72	4.09	5.44	.88	1.80
WEIGHT (POUNDS)	175			168	168	168	168	168	168	168	168	168	1,687
SLIMICIDE D-2													
CONCENTRATION (PPM)						3.51	3.09	2.80	6.19	5.36	7.12	1.15	1.64
WEIGHT (POUNDS)						220	220	220	220	220	220	220	1,540
SLIMICIDE J-12													
CONCENTRATION (PPM)	6.77	5.96	.84	.38	.28	5.55	4.88	4.42	9.78	8.48	11.27	1.81	3.44
WEIGHT (POUNDS)	362	300	44	44	44	348	348	348	348	348	348	348	3,230

NRF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SLIMICIDE J-9													
CONCENTRATION (PPM)					1.55	3.83	3.37	3.05	6.75	11.70	15.55	2.50	2.81
WEIGHT (POUNDS)					240	240	240	240	240	480	480	480	2,640
SLIMICIDE 403													
CONCENTRATION (PPM)	5.16	2.74	2.65	18.90	14.30								5.29
WEIGHT (POUNDS)	276	138	138	2,208	2,208								4,968
SODIUM ION													
CONCENTRATION (PPM)	331.90	342.67	362.07	148.98	112.74	289.88	268.59	239.86	537.53	452.83	560.02	99.72	233.18
WEIGHT (POUNDS)	17,754	17,244	18,885	17,406	17,406	18,168	19,139	18,863	19,118	18,585	17,292	19,139	218,999
SULFATE ION													
CONCENTRATION (PPM)	242.68	294.94	321.16	347.41	263.99	148.51	1812.11	617.44	2533.16	2745.57	1118.91	321.28	651.53
WEIGHT (POUNDS)	12,982	14,842	16,751	40,589	40,756	9,307	129,130	48,558	90,097	112,683	34,549	61,667	611,911
SULFITE ION													
CONCENTRATION (PPM)	1.22	.74	1.48	.95	.95	3.24	1.67	.72	3.23	2.53	3.34	4.29	2.09
WEIGHT (POUNDS)	65	37	77	111	146	203	119	57	115	104	103	823	1,960
TDS													
CONCENTRATION (PPM)				1092.00	580.00				1033.00	966.00	2954.00	966.00	605.94
WEIGHT (POUNDS)				127,349	89,381				36,674	39,574	91,045	185,076	569,099

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	1,000.0	700.0	400.0	780.0	600.0	600.0	5.0	156.0	764.0	612.0	920.0	1,280.0	7,817.0
2 Y SOLID	12.0	20.0	20.0	60.0	60.0	60.0	3.5	10.0	2.0	128.0	64.0	24.0	463.5
8 K LIQUID		330.0	330.0			725.0							1,385.0
CHROMATES													
9 K LIQUID			449.0										449.0
USED PAINT													
9 F SOLID							3,500.0						3,500.0
CONSTRUCTION MATERIALS													
9 F SOLID								3,562.0					3,562.0
CONSTRUCTION WASTE													
9 F SOLID			36.8										36.8
RESIN													
CFA OIL DEPOT													
STORED WASTE													
6 K LIQUID	250.0		1,320.0	2,560.0	440.0	1,410.0	2,420.0	110.0					8,510.0
OIL													
6 K LIQUID												255.0	255.0
WASTE OIL													
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	1,000.0	700.0	400.0	780.0	600.0	600.0	5.0	156.0	764.0	612.0	920.0	1,280.0	7,817.0
2 Y SOLID	12.0	20.0	20.0	60.0	60.0	60.0	3.5	10.0	2.0	128.0	64.0	24.0	463.5
8 K LIQUID		330.0	330.0			725.0							1,385.0
9 K LIQUID			449.0										449.0
9 F SOLID			36.8				3,500.0	3,562.0					7,098.8
STORED WASTE													
6 K LIQUID	250.0		1,320.0	2,560.0	440.0	1,410.0	2,420.0	110.0				255.0	8,765.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRF WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	16,220	12,790	15,870	30,860	46,740	51,210	43,700	30,990	15,680	13,970	17,100	30,740	325,870
2 WATER PUMPED (GAL)	6	5	4	7	1,768	5,318	28,480	8,934	46,770	87,630	4,530	17,630	201,082
3 WATER PUMPED (GAL)	1,480	797	1,152	9,739	10,320	9,072	4,377	73	576	738	184	189	38,697
TOTAL WATER PUMPED (GAL)	17,706	13,592	17,026	40,606	58,828	65,600	76,557	39,997	63,026	102,338	21,814	48,559	565,649
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)	6,410	6,030	6,250	14,000	18,500	7,510	8,539	9,424	4,262	4,918	3,700	23,000	112,543
SUBSURFACE (GAL)													
SEWAGE DATA													
BUILD VOLUME (GAL)	920	1,325	1,034	932	1,166	1,095	867	1,516	847	1,689	778	754	12,923
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	79.2	20.8	20.4	54.7	82.8	99.0	61.0	34.9
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	5.6	20.9	17.4	18.6	10.5	5.0	5.6	7.0
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL						9.6	9.9	9.9	9.9	9.9	9.3	9.6	9.7
TOTAL SEWAGE VOL. (GAL)	920	1,325	1,034	932	1,166	1,095	867	1,516	847	1,689	778	754	12,923
TOTAL WATER DISPOSED (GAL)	7,330	7,355	7,284	14,932	19,666	8,605	9,406	10,940	5,109	6,607	4,478	23,754	125,466
ACCOUNTABILITY (%)	41.4	54.1	42.8	36.8	33.4	13.1	12.3	27.4	8.1	6.5	20.5	48.9	22.2

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRF FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)	301	215	212	167	126	101	80	78	99				1,379
SO2 (LBS)	9	7	7	5	4	3	2	2	3				42
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)										200	239	158	597
SO2 (LBS)										61	67	44	172
NOX (LBS)													
PARTICULATES (LBS)										1	2	1	4
GRAND TOTALS													
SO2 (LBS)	9	7	7	5	4	3	2	2	3	61	67	44	214
NOX (LBS)													
PARTICULATES (LBS)										1	2	1	4

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ NEUTRHEEN WEIGHT (POUNDS)	200	160	160	200	160	120	40	40	56	60	68	68	1,332
DIANODIC 194 WEIGHT (POUNDS)	650	250	650	200	100	400	600	950	450	600	450	300	5,600
PHOSPHATE ION WEIGHT (POUNDS)	40	50	50	30	20	10	1	1	1	1	1	1	206
PHOTO LAB CHEMICAL WEIGHT (POUNDS)	53	53	53	53	53	53	53	53	53	53	53	53	636
SKAZOL WEIGHT (POUNDS)	200	160	200	200	200	160	160	160	160	160	80	80	1,920
SODIUM ION WEIGHT (POUNDS)	327	378	342	282	307	262	217	1,116	254	289	289	326	4,389
SULFATE ION WEIGHT (POUNDS)	979	1,101	979	857	979	857	734	857	857	2,792	2,586	2,593	16,171
SULFITE ION WEIGHT (POUNDS)	19	32	32	16	10	6	1	1	2	2	2	3	126
SULFUR DIOXIDE WEIGHT (POUNDS)	620	526	715	129	130	447	845	703	560	512	454	422	6,063

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
FACILITY 779 SURFACE													
VOLUME (GAL. IN 1000)	256	234	313	228	221	222	211	227	219	229	228	209	2,797
HYDROGEN-ION CONC. (PH)					8.4	8.3	9.0	8.4	8.9	8.2			8.5
SKAZOL													
CONCENTRATION (PPM)	93.76	81.93	76.52	105.11	108.44	86.25	90.69	84.57	87.67	83.69	42.10	45.78	82.25
WEIGHT (POUNDS)	200	160	200	200	200	160	160	160	160	160	80	80	1,920
INDUSTRIAL POND 746 SURFACE													
VOLUME (GAL. IN 1000)	3,830	3,460	3,980	1,900	1,700	4,100	3,700	3,200	3,000	3,440	2,740	3,650	38,700
HYDROGEN-ION CONC. (PH)													
BETZ NEUTRMEEN													
CONCENTRATION (PPM)	6.26	5.54	4.82	12.61	11.28	3.51	1.30	1.50	2.24	2.09	2.97	2.23	4.12
WEIGHT (POUNDS)	200	160	160	200	160	120	40	40	56	60	68	68	1,332
DIANODIC 194													
CONCENTRATION (PPM)	20.34	8.66	19.57	12.61	7.05	11.69	19.43	35.57	17.97	20.90	19.68	9.85	17.34
WEIGHT (POUNDS)	650	250	650	200	100	400	600	950	450	600	450	300	5,600
PHOSPHATE ION													
CONCENTRATION (PPM)	1.25	1.73	1.50	1.89	1.41	.29	.03	.04	.06	.03	.04	.04	.64
WEIGHT (POUNDS)	40	50	50	30	20	10	1	1	1	1	1	1	206
PHOTO LAB CHEMICAL													
CONCENTRATION (PPM)	1.66	1.84	1.60	3.34	3.74	1.55	1.72	1.98	2.12	1.85	2.32	1.74	1.97
WEIGHT (POUNDS)	53	53	53	53	53	53	53	53	53	53	53	53	636
SODIUM ION													
CONCENTRATION (PPM)	10.25	13.09	10.30	17.82	21.68	7.67	7.02	41.79	10.14	10.08	12.65	10.70	13.59
WEIGHT (POUNDS)	327	378	342	282	307	262	217	1,116	254	289	289	326	4,389
SULFATE ION													
CONCENTRATION (PPM)	30.63	38.14	29.48	54.03	69.01	25.04	23.78	32.08	34.22	97.26	113.07	85.14	50.07
WEIGHT (POUNDS)	979	1,101	979	857	979	857	734	857	857	2,792	2,586	2,593	16,171
SULFITE ION													
CONCENTRATION (PPM)	.60	1.10	.96	1.00	.67	.19	.04	.05	.09	.07	.08	.08	.39
WEIGHT (POUNDS)	19	32	32	16	10	6	1	1	2	2	2	3	126
SULFUR DIOXIDE													
CONCENTRATION (PPM)	19.40	18.22	21.53	8.14	9.16	13.06	27.37	26.33	22.37	17.94	19.85	13.85	18.77
WEIGHT (POUNDS)	620	526	715	129	130	447	845	703	560	512	454	422	6,063

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
TREAT SEPTIC TANK SUBSURFACE													
VOLUME (GAL. IN 1000)	25	25	30	30	30	25	20	25	25	25	12	12	284
HYDROGEN-ION CONC. (PH)													

SCHED. NO. INF6162-8

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	800.0	600.0	200.0	300.0	300.0	336.0	1.0	124.0	500.0	306.0		448.0	3,915.0
2 Y SOLID										32.0		32.0	64.0
5 Y SOLID											12.0		12.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	800.0	600.0	200.0	300.0	300.0	336.0	1.0	124.0	500.0	306.0		448.0	3,915.0
2 Y SOLID										32.0		32.0	64.0
5 Y SOLID											12.0		12.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	4,453	3,980	5,703	1,279	1,611	5,109	7,620	5,904	5,823	4,196	3,740	6,326	55,744
2 WATER PUMPED (GAL)	5,339	4,190	5,050	1,320	1,777	3,850	7,185	6,149	3,538	5,453	3,858	2,179	49,888
TOTAL WATER PUMPED (GAL)	9,792	8,170	10,753	2,599	3,388	8,959	14,805	12,053	9,361	9,649	7,598	8,505	105,632
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)	3,830	3,460	3,980	1,900	1,700	4,100	3,700	3,200	3,000	3,440	2,740	3,650	38,700
SUBSURFACE (GAL)	25	25	30	30	30	25	20	25	25	25	12	12	284
SEWAGE DATA													
BUILD VOLUME (GAL)												209	209
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)												.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)												.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)												.01	.01
% REMOVED													
PH-FINAL													

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
SEWAGE DATA													
779 BUILD VOLUME (GAL)	256	234	313	228	221	222	211	227	219	229	228		2,588
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)					112.6	119.1	149.9	114.0	114.3	114.7			120.8
FINAL CONC. (PPM)	.1	.1	.1	.1	29.1	40.1	60.3	36.5	44.3	55.3	.1		24.2
% REMOVED					74.2	66.3	59.8	69.0	61.2	51.8			80.0
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)							.1	.1	.1	2.1			.6
FINAL CONC. (PPM)	.1	.1	.1	.1	7.6	8.3	2.7	1.2	7.0	1.8	.1		2.6
INCREASED FACTOR							26.0	11.0	69.0	-.1			3.3
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01
% REMOVED													
PH-FINAL					8.4	8.3	9.0	8.4	8.9	8.2			8.5
TOTAL SEWAGE VOL. (GAL)	256	234	313	228	221	222	211	227	219	229	228	209	2,797
TOTAL WATER DISPOSED (GAL)	4,111	3,719	4,323	2,158	1,951	4,347	3,931	3,452	3,244	3,694	2,980	3,871	41,781
ACCOUNTABILITY (%)	42.0	45.5	40.2	83.0	57.6	48.5	26.6	28.6	34.7	38.3	39.2	45.5	39.6

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1973

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)	136	113	104	81	70	52	36	40	49	71	94	114	960
SO2 (LBS)	7	4	5	4	4	3	2	2	2	3	5	6	47
NOX (LBS)													
PARTICULATES (LBS)												1	1
GRAND TOTALS													
SO2 (LBS)	7	4	5	4	4	3	2	2	2	3	5	6	47
NOX (LBS)													
PARTICULATES (LBS)												1	1

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

NRTS MONTHLY WATER USAGE SUMMARY
DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

AREA OF ORIGIN	MONTHLY VOLUME PUMPED	MONTHLY VOLUME DISPOSED					ACCOUNTA-BILITY (%)
		AIR	SURFACE	SUBSURFACE	SEWAGE	TOTAL	
ANL	8,415	5,700	2,200	25	226	8,151	96.9
ARA	3,529						
CFA	8,618			247	4,497	4,744	55.0
CPP	23,790			22,210	440	22,650	95.2
NRF	15,570		6,591		864	7,455	47.9
PBF	542			35		35	6.5
TAN	4,382		2,454	1,482	445	4,381	100.0
TPA	119,066	20,530	7,404	6,443	733	35,110	29.5
GRAND TOTALS	183,912	26,230	18,649	30,442	7,205	82,526	44.9

SCHED. NO. INF6161-8

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS YEAR-TO-DATE WATER USAGE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

PG 1 RPT 2-1

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

AREA OF ORIGIN	YEARLY VOLUME PUMPED	YEARLY VOLUME DISPOSED					ACCOUNTA-BILITY (%)
		AIR	SURFACE	SUBSURFACE	SEWAGE	TOTAL	
ANL	105,224	56,256	36,910	269	3,292	96,727	91.9
ARA	33,516						
CFA	126,302			4,071	38,186	42,257	33.5
CPP	364,490			340,160	6,970	347,130	95.2
NRF	294,379		74,625		14,417	89,042	31.3
PBF	7,861	160		638		798	10.2
TAN	41,949		6,159	28,306	7,477	41,942	100.0
TRA	1,500,866	295,030	470,527	128,795	10,213	904,565	60.3
GRAND TOTALS	2,464,587	351,446	588,221	502,239	80,555	1,522,461	61.8

NRTS INDUSTRIAL WASTE SUMMARY
DECEMBER 1972

AREA OF ORIGIN / TYPE OF WASTE		MONTHLY VOLUME OR WEIGHT	UNITS	YEAR-TO-DATE VOLUME OR WEIGHT	UNITS
ANL					
DISPOSED WASTE					
1 - TRASH	SOLID	300.0	CU. YD.	4,012.0	CU. YD.
ARA					
DISPOSED WASTE					
1 - TRASH	SOLID				CU. YD.
CFA					
DISPOSED WASTE					
1 - TRASH	SOLID	746.0	CU. YD.	5,466.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	38.0	CU. YD.	793.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			78.0	CU. YD.
6 - OIL	LIQUID			2,000.0	GALLONS
CPP					
DISPOSED WASTE					
1 - TRASH	SOLID	229.0	CU. YD.	3,209.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			97.0	CU. YD.
5 - SCRAP METAL	SOLID			7.0	CU. YD.
NRF					
DISPOSED WASTE					
1 - TRASH	SOLID	958.0	CU. YD.	8,619.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	50.0	CU. YD.	571.0	CU. YD.
7 - SOLVENTS	LIQUID			40.5	GALLONS
8 - CHEMICALS	LIQUID			9,169.0	GALLONS
8 - CHEMICALS	SOLID			6,230.3	POUNDS
9 - OTHER	SOLID	9.0	CU. FT.	52,317.0	CU. FT.
STORED WASTE					
5 - SCRAP METAL	SOLID			14.9	CU. YD.
6 - OIL	LIQUID			3,520.0	GALLONS
PBF					
DISPOSED WASTE					
1 - TRASH	SOLID	28.0	CU. YD.	1,441.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			16.0	CU. YD.
TAN					
DISPOSED WASTE					
1 - TRASH	SOLID	217.0	CU. YD.	2,188.0	CU. YD.
TRA					
DISPOSED WASTE					
1 - TRASH	SOLID	520.0	CU. YD.	4,686.0	CU. YD.

NRTS INDUSTRIAL WASTE SUMMARY
DECEMBER 1972

AREA OF ORIGIN / TYPE OF WASTE		MONTHLY VOLUME OR WEIGHT	UNITS	YEAR-TO-DATE VOLUME OR WEIGHT	UNITS
TRA					
DISPOSED WASTE					
2 - CAFETERIA GARBAGE	SOLID	12.0	CU. YD.	134.0	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID			24.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			17.0	CU. YD.
NRTS GRAND TOTALS					
DISPOSED WASTE					
1 - TRASH	SOLID	2,998.0	CU. YD.	29,621.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	100.0	CU. YD.	1,498.0	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID			24.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			208.0	CU. YD.
5 - SCRAP METAL	SOLID			7.0	CU. YD.
6 - OIL	LIQUID			2,000.0	GALLONS
7 - SOLVENTS	LIQUID			40.5	GALLONS
8 - CHEMICALS	LIQUID			9,169.0	GALLONS
8 - CHEMICALS	SOLID			6,230.3	POUNDS
9 - OTHER	SOLID	9.0	CU. FT.	52,317.0	CU. FT.
STORED WASTE					
5 - SCRAP METAL	SOLID			14.9	CU. YD.
6 - OIL	LIQUID			3,520.0	GALLONS

SCHED. NO. INF6163

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY
DECEMBER 1972

ALL FACILITIES	MONTHLY				YEAR-TO-DATE			
SUBSTANCES	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)
AUTO CLEANERS			280	280			4,920	4,920
BETZ A-9							75	75
BETZ DE 481		285	465	750		501	1,219	1,721
BETZ J-12							40	40
BETZ NEUTRMFEN		200		200		1,256		1,256
BETZ 194							225	225
BIOCIDE D-2		325		325		3,605		3,605
BLEACH			55	55			305	305
CALCIUM ION		12	3	16		37	167	204
CHLORIDE ION		28,559	21,912	50,472		338,281	487,446	825,727
DIANODIC 194		500		500		5,680		5,680
HEXAVALENT CR						228	3,009	3,237
HYPOCHLORITE		103	146	249		1,242	3,236	4,478
KWIK KLEEN			100	100			100	100
LAUNDRY PRODUCTS			75	75			1,050	1,050
OROCOL 194						1	148	150
OROCOL 734		285	465	750		298	973	1,271
PHOSPHATE ION		1,088	37	1,125		12,084	1,255	13,338
PHOTO LAB CHEMICAL		53		53		1,703		1,703
SKAZOL		200		200		2,400		2,400
SLIMICIDE A-9		146		146		622		622
SLIMICIDE J-9		235	310	545		716	595	1,311

NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY
DECEMBER 1972

ALL FACILITIES	MONTHLY				YEAR-TO-DATE			
SUBSTANCES	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)
SOAP			1,350	1,350			17,699	17,699
SODIUM ION		33,840	14,712	48,552		404,141	322,258	726,399
SPRA-SAF							1,100	1,100
SULFATE ION		137,070	30,282	167,352		1,562,743	615,497	2,178,240
SULFITE ION		86	95	181		1,414	1,844	3,258
SULFUR DIOXIDE		514		514		4,860	435	5,295
TDS			87,755	87,755		528,529	2,654,124	3,182,652
ZINC ION						107	677	784

SCHED. NO. INF6164-A

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS MONTHLY FUEL OIL SUMMARY
DECEMBER 1972

AREA OF ORIGIN	FUEL OIL IN GALLONS					POUNDS DISCHARGED		
	TYPE 2	TYPE 5	TYPE 6	KEROSENE	DIESEL	SO2	NOX	PARTICULATES
ANL	144,800					7,485		
ARA	15,290					406		
CFA	83,430					2,218		
CPP	247,300					6,575		
NRF	273,600					8,890		
PBF	5,224					139		
TAN	117,000					3,111		
TRA	172,800				34,630	5,515		
GRAND TOTALS	1,059,444				34,630	34,339		

SCHED. NO. INF6164-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRTS YEAR-TO-DATE FUEL OIL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA OF ORIGIN	FUEL OIL IN GALLONS					POUNDS DISCHARGED		
	TYPE 2	TYPE 5	TYPE 6	KEROSENE	DIESEL	SO2	NOX	PARTICULATES
ANL	373,230	584,530				146,963		9,704
ARA	38,704			6		1,028		
CFA	297,088	328,100		1		88,522		13,614
CPP	1,622,400		114,700	1		86,108		
NRF	954,100		735,450			291,517		5,052
PBF	29,399			4		782		
TAN	304,890	116,460	402,270			187,435		9,983
TRA	480,541		686,430		433,048	281,463		7,646
GRAND TOTALS	4,100,352	1,029,090	1,938,850	12	433,048	1,083,818		45,999

SCHED. NO. INF6166-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TRA AIRBORNE DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
COOLING TOWERS													
VOLUME (CU.FT. IN 1000)	4,877	6,632	5,838	1,708	1,030	4,538	960	3,796	1,104	4,912	295	2,685	38,375
STEAM LOSS													
VOLUME (CU.FT. IN 1000)	81	7	177	105	105	93	83	90	95	84	86	59	1,065

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ DE 481													
WEIGHT (POUNDS)									260	561	150	750	1,721
HEXAVALENT CR													
WEIGHT (POUNDS)	174	161	124	269	22	639	717	672	459				3,237
HYPOCHLORITE													
WEIGHT (POUNDS)	288	271	295	475	83	237	288	210	112	136	65	86	2,546
OROCOL 194													
WEIGHT (POUNDS)											150		150
OROCOL 734													
WEIGHT (POUNDS)									521			750	1,271
PHOSPHATE ION													
WEIGHT (POUNDS)	287	265	205	2	2	2	2		2	2	2	2	773
SLIMICIDE J-9													
WEIGHT (POUNDS)		250								75	240	500	1,065
SODIUM ION													
WEIGHT (POUNDS)	18,669	14,736	21,487	1,288	12,302	13,740	14,010	14,697	14,218	14,528	16,225	13,643	169,543
[illegible]													
WEIGHT (POUNDS)	168,584	188,546	226,472	128,406	106,075	159,592	205,492	159,352	131,304	190,758	130,542	143,404	1,938,527
SULFITE ION													
WEIGHT (POUNDS)	4	5	6	3	3	3	2		4	3	5	5	43
TDS													
WEIGHT (POUNDS)	95,816	132,859		68,467	181,979	56,971	132,131	85,859	164,737	84,977	74,760	14,491	1,093,047
ZINC ION													
WEIGHT (POUNDS)	298	275	211										784

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
CHEMICAL WASTE POND SURFACE													
VOLUME (GAL. IN 1000)	4,050	3,566	5,129	3,086	3,341	32,880	3,105	3,356	3,295	3,323	4,149	3,476	72,756
HYDROGEN-ION CONC. (PH)													
PHOSPHATE ION													
CONCENTRATION (PPM)	.07	.07	.06	.08	.06	.01	.07		.08	.08	.06	.06	.04
WEIGHT (POUNDS)	2	2	3	2	2	2	2		2	2	2	2	23
SODIUM ION													
CONCENTRATION (PPM)	552.35	495.17	502.02	50.02	441.23	50.08	540.66	524.77	517.06	523.89	468.61	470.32	279.24
WEIGHT (POUNDS)	18,669	14,736	21,487	1,288	12,302	13,740	14,010	14,697	14,218	14,528	16,225	13,643	169,543
SULFATE ION													
CONCENTRATION (PPM)	3154.41	3447.67	3643.59	3512.93	3147.54	344.73	3940.66	3862.66	3976.89	4066.94	3559.82	3712.43	2,143.33
WEIGHT (POUNDS)	106,613	102,599	155,955	90,469	87,757	94,591	102,110	108,179	109,354	112,781	123,256	107,690	1,301,354
SULFITE ION													
CONCENTRATION (PPM)	.11	.16	.13	.13	.11	.01	.09		.14	.11	.15	.18	.07
WEIGHT (POUNDS)	4	5	6	3	3	3	2		4	3	5	5	43
DESERT SURFACE													
VOLUME (GAL. IN 1000)	32,680	51,200	59,050	47,050	43,320	37,740	52,710	46,880	36,980				407,610
HYDROGEN-ION CONC. (PH)													
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	10,700	15,500	8,302	7,365	20,360	6,526	13,120	8,373	16,990	8,148	6,968	6,443	128,795
HYDROGEN-ION CONC. (PH)												8.0	8.0
BETZ DE 481													
CONCENTRATION (PPM)									1.78	5.19	2.55	8.65	1.13
WEIGHT (POUNDS)									253	353	148	465	1,219
HEXAVALENT CR													
CONCENTRATION (PPM)	1.95	1.04	1.26	3.16		10.48	6.55	9.62	3.24				2.80
WEIGHT (POUNDS)	174	135	87	194		571	717	672	459				3,009
HYPOCHLORITE													
CONCENTRATION (PPM)	2.47	1.35	2.29	.98	.23	3.38	2.15	2.89	.47	.64		.27	1.31
WEIGHT (POUNDS)	221	175	159	60	40	184	236	202	67	44		15	1,403
DROCOL 194													
CONCENTRATION (PPM)											2.55		.14
WEIGHT (POUNDS)											148		148

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
ORDCOL 734													
CONCENTRATION (PPM)									3.58			8.65	.91
WEIGHT (POUNDS)									508			465	973
PHOSPHATE ION													
CONCENTRATION (PPM)	3.19	1.71	2.04										.60
WEIGHT (POUNDS)	285	221	141										647
SLIMICIDE J-9													
CONCENTRATION (PPM)										.69	4.09	5.77	.55
WEIGHT (POUNDS)										47	238	310	595
SULFATE ION													
CONCENTRATION (PPM)	694.01	558.11	712.47	444.40	107.81	1086.12	944.23	732.35	150.94	722.48	124.05	411.86	504.96
WEIGHT (POUNDS)	61,971	72,191	49,361	27,314	18,317	59,151	103,382	51,172	21,401	49,126	7,213	22,145	542,744
TDS													
CONCENTRATION (PPM)	1075.00	1029.00		1116.00	1073.00	1048.00	1209.00	1231.00	1164.00	1252.00	1288.00	270.00	1,016.96
WEIGHT (POUNDS)	95,816	132,859		68,467	181,979	56,971	132,131	85,859	164,737	84,977	74,760	14,491	1,093,047
ZINC ION													
CONCENTRATION (PPM)	3.34	1.79	2.14										.63
WEIGHT (POUNDS)	298	231	148										677
SEWAGE PLANT SURFACE													
VOLUME (GAL. IN 1000)	926	726	803	802	845	992	867	1,038	933	796	752	733	10,213
HYDROGEN-ION CONC. (PH)		7.7	7.7	7.7	7.8	7.8	7.6	7.6	7.6	7.8		7.8	7.7
HYPOCHLORITE													
CONCENTRATION (PPM)	8.73	10.43	10.07	58.56	6.18	4.38	7.22	1.01	5.59	10.15	10.40	10.32	11.37
WEIGHT (POUNDS)	67	63	67	392	44	36	52	9	44	67	65	63	969
WARM WASTE POND SURFACE													
VOLUME (GAL. IN 1000)		3,024	4,102	2,871	17,420	600			422	4,733	68	3,928	37,168
HYDROGEN-ION CONC. (PH)													
BETZ DE 481													
CONCENTRATION (PPM)									1.99	5.27	2.64	8.69	1.62
WEIGHT (POUNDS)									7	208	1	285	501
HEXAVALENT CR													
CONCENTRATION (PPM)		1.03	1.08	3.13	.15	13.58							.74
WEIGHT (POUNDS)		26	37	75	22	68							228

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
HYPOCHLORITE													
CONCENTRATION (PPM)		1.32	1.99	.97		3.33			.62	.64		.27	.57
WEIGHT (POUNDS)		33	68	23		17			2	25		9	177
OROCOL 194													
CONCENTRATION (PPM)											2.64		
WEIGHT (POUNDS)											1		1
OROCOL 734													
CONCENTRATION (PPM)									3.69			8.69	.96
WEIGHT (POUNDS)									13			285	298
PHOSPHATE ION													
CONCENTRATION (PPM)		1.66	1.78										.33
WEIGHT (POUNDS)		42	61										103
SLIMICIDE J-9													
CONCENTRATION (PPM)		9.91								.71	4.22	5.80	1.52
WEIGHT (POUNDS)		250								28	2	190	470
SULFATE ION													
CONCENTRATION (PPM)		545.06	618.02	443.35		1168.24			155.88	730.45	127.48	413.94	304.42
WEIGHT (POUNDS)		13,755	21,156	10,622		5,850			549	28,851	72	13,569	94,424
ZINC ION													
CONCENTRATION (PPM)		1.74	1.84										.34
WEIGHT (POUNDS)		44	63										107

TRA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	550.0		340.0	360.0	360.0	324.0	372.0	350.0	512.0	520.0	478.0	520.0	4,686.0
2 Y SOLID	3.0		15.0	18.0	12.0	9.0	12.0	15.0	12.0	12.0	14.0	12.0	134.0
3 Y SOLID								12.0	12.0				24.0
4 Y SOLID				5.0				8.0	4.0				17.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	550.0		340.0	360.0	360.0	324.0	372.0	350.0	512.0	520.0	478.0	520.0	4,686.0
2 Y SOLID	3.0		15.0	18.0	12.0	9.0	12.0	15.0	12.0	12.0	14.0	12.0	134.0
3 Y SOLID								12.0	12.0				24.0
4 Y SOLID				5.0				8.0	4.0				17.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TRA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	90,180	50,250	129,200	94,360	42,330	42,330	39,450	99,020	70,920	40,760	9,813	85,200	793,813
3 WATER PUMPED (GAL)		96,580	33	29	18	18	103,000	3,304	11,160	85,440		366	299,948
4 WATER PUMPED (GAL)	34,240		36,030	18,000	58,460	58,460	6,375	27,180	38,790	13,460	82,610	33,500	407,105
TOTAL WATER PUMPED (GAL)	124,420	146,830	165,263	112,389	100,808	100,808	148,825	129,504	120,870	139,660	92,423	119,066	1,500,866
WATER DISPOSAL													
AIR (GAL)	37,080	49,660	45,000	13,560	8,490	34,640	7,805	29,080	8,971	37,370	2,844	20,530	295,030
SURFACE (GAL)	36,730	57,790	68,280	53,010	46,660	41,630	55,810	50,240	40,700	8,056	4,217	7,404	470,527
SUBSURFACE (GAL)	10,700	15,500	8,302	7,365	20,360	6,526	13,120	8,373	16,990	8,148	6,968	6,443	128,795
SEWAGE DATA													
BUILD VOLUME (GAL)	926	726	803	802	845	992	867	1,038	933	796	752	733	10,213
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	38.9	33.7	36.3	41.9	50.1	14.4	44.0	42.6	31.7	30.0	47.4	31.7	36.9
FINAL CONC. (PPM)	13.3	11.0	16.7	17.4	18.8	11.2	11.9	9.6	9.2	15.5	19.5	17.6	14.3
% REMOVED	65.8	67.4	54.0	58.5	62.5	22.2	73.0	77.5	71.0	48.3	58.9	44.5	61.2
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)	1.4	2.4	4.6	3.9	1.9	1.5	.8	1.9	2.1	1.5	2.6	1.9	2.2
FINAL CONC. (ML/L)	.05	.05	.25	.15	.24	.05	.05	.05	.06	.06	.20	.08	.11
% REMOVED	96.4	97.9	94.6	96.2	86.7	96.7	93.8	97.4	97.1	96.0	92.3	95.8	95.0
PH-FINAL	7.8	7.7	7.7	7.7	7.8	7.8	7.6	7.6	7.6	7.8	7.7	7.8	7.7
TOTAL SEWAGE VOL. (GAL)	926	726	803	802	845	992	867	1,038	933	796	752	733	10,213
TOTAL WATER DISPOSED (GAL)	85,436	123,676	122,385	74,737	76,355	83,788	77,602	88,731	67,594	54,370	14,781	35,110	904,565
ACCOUNTABILITY (%)	68.7	84.2	74.1	66.5	75.7	83.1	52.1	68.5	55.9	38.9	16.0	29.5	60.3

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TRA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

PG 1 RPT 108-I
TRA

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
DIESEL													
VOLUME (GAL)	37	41	43	42	25	35	44	45	31	48	9	35	435
SO2 (LBS)	1	1	1	1	1	1	1	1	1	1		1	11
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)		1						30	74	86	117	173	481
SO2 (LBS)								1	2	2	3	5	13
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 6													
VOLUME (GAL)	148	134	144	89	75	58	38						686
SO2 (LBS)	55	50	54	33	28	22	14						256
NOX (LBS)													
PARTICULATES (LBS)	2	2	2		1	1							8
GRAND TOTALS													
SO2 (LBS)	56	51	55	34	29	23	15	2	3	3	3	6	280
NOX (LBS)													
PARTICULATES (LBS)	2	2	2		1	1							8

SCHED. NO. INF6166-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF AIRBORNE DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
COOLING TOWER													
VOLUME (CU.FT. IN 1000)		11	11										22

PBF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ A-9 WEIGHT (POUNDS)								75					75
BETZ J-12 WEIGHT (POUNDS)							40						40
BETZ 194 WEIGHT (POUNDS)					75		50	100					225
SODIUM ION WEIGHT (POUNDS)	69	36		69		69		36		72	36		387
SULFATE ION WEIGHT (POUNDS)		93								176	88		357
SULFITE ION WEIGHT (POUNDS)	57			57	39	57	102	88					400
SULFUR DIOXIDE WEIGHT (POUNDS)					20	375					40		435

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
CHEM DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	3	3		27	16	83	80	3		6	73		294
HYDROGEN-ION CONC. (PH)													
BETZ A-9													
CONCENTRATION (PPM)								2995.73					30.57
WEIGHT (POUNDS)								75					75
BETZ J-12													
CONCENTRATION (PPM)							59.91						16.30
WEIGHT (POUNDS)							40						40
BETZ 194													
CONCENTRATION (PPM)					561.70		74.89	3994.31					91.71
WEIGHT (POUNDS)					75		50	100					225
SODIUM ION													
CONCENTRATION (PPM)	2747.59	1435.46		305.29		99.31		1435.46		1435.46	58.99		157.73
WEIGHT (POUNDS)	69	36		69		69		36		72	36		387
SULFATE ION													
CONCENTRATION (PPM)		3714.91								3519.39	144.63		145.51
WEIGHT (POUNDS)		93								176	88		357
SULFITE ION													
CONCENTRATION (PPM)	2282.75			253.64	292.08	82.51	153.34	3505.01					163.03
WEIGHT (POUNDS)	57			57	39	57	102	88					400
SULFUR DIOXIDE													
CONCENTRATION (PPM)					149.79	541.40					65.66		177.30
WEIGHT (POUNDS)					20	375					40		435
WARM WASTE WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	11	6	17	31	16	23	39	55		80	31	35	344
HYDROGEN-ION CONC. (PH)													

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	75.0		200.0	194.0	300.0	32.0	48.0	321.0	191.0	28.0	24.0	28.0	1,441.0
4 Y SOLID				16.0									16.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	75.0		200.0	194.0	300.0	32.0	48.0	321.0	191.0	28.0	24.0	28.0	1,441.0
4 Y SOLID				16.0									16.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)	338	411	493	352	1,213	664	1,216	1,026	478	717	411	542	7,861
WATER DISPOSAL													
AIR (GAL)		80	80										160
SURFACE (GAL)													
SUBSURFACE (GAL)	14	9	17	58	32	106	119	58		86	104	35	638
SEWAGE DATA													
BUILD VOLUME (GAL)													
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL													
TOTAL SEWAGE VOL. (GAL)													
TOTAL WATER DISPOSED (GAL)	14	89	97	58	32	106	119	58		86	104	35	798
ACCOUNTABILITY (%)	4.1	21.7	19.7	16.5	2.6	16.0	9.8	5.7		12.0	25.3	6.5	10.2

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

PBF FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	2	8	3	3				3		4	1	5	29
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE

SEPTIC TANK SUBSURFACE
VOLUME (GAL. IN 1000)
HYDROGEN-ION CONC. (PH)

ARA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION TYPE OF WASTE	VOLUME OR WEIGHT BY MONTH JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID													
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID													

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ARA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)		2,348	3,063				3,787		1,813				11,011
2 WATER PUMPED (GAL)	296			339	557	538		848		592	746	604	4,520
3 WATER PUMPED (GAL)	1,251			2,221	3,069	2,506		2,311		1,446	2,256	2,925	17,985
TOTAL WATER PUMPED (GAL)	1,547	2,348	3,063	2,560	3,626	3,044	3,787	3,159	1,813	2,038	3,002	3,529	33,516
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)													
SEWAGE DATA													
BUILD VOLUME (GAL)													
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL													
TOTAL SEWAGE VOL. (GAL)													
TOTAL WATER DISPOSED (GAL)													
ACCOUNTABILITY (%)													

ARA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	3	7					4			6	4	15	39
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

PG 1 RPT 155-I
TAN-L

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CALCIUM ION WEIGHT (POUNDS)	15	18	15	17	16	14	16	12	9	10	11	12	165
CHLORIDE ION WEIGHT (POUNDS)	2,610	2,731	1,214	1,760	2,033	1,153	1,517	1,669	1,426	1,669	1,517	2,216	21,515
HYPOCHLORITE WEIGHT (POUNDS)	39	47	40	43	41	36	42	31	24	26	28	32	429
PHOSPHATE ION WEIGHT (POUNDS)	17	19	19	22	22	9	6	21	24	12	11	19	201
SODIUM ION WEIGHT (POUNDS)	2,024	1,901	876	1,252	1,419	822	1,054	1,162	1,034	1,170	1,078	1,889	15,681
SULFATE ION WEIGHT (POUNDS)	987	201	206	201	196	186	201	201	201	174	184	1,395	4,333
SULFITE ION WEIGHT (POUNDS)	35	89	73	56	56	24	14	11	60	30	41	48	537

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DISPOSAL POND SURFACE													
VOLUME (GAL. IN 1000)										2,448	2,053	2,900	7,401
HYDROGEN-ION CONC. (PH)													
CALCIUM ION													
CONCENTRATION (PPM)										.50	.64	.51	.53
WEIGHT (POUNDS)										10	11	12	33
CHLORIDE ION													
CONCENTRATION (PPM)										52.00	53.14	76.50	61.90
WEIGHT (POUNDS)										1,062	910	1,851	3,823
HYPOCHLORITE													
CONCENTRATION (PPM)										1.29	1.65	1.30	1.39
WEIGHT (POUNDS)										26	28	32	86
PHOSPHATE ION													
CONCENTRATION (PPM)										.28	.36	.26	.29
WEIGHT (POUNDS)										6	6	6	18
SODIUM ION													
CONCENTRATION (PPM)										36.38	37.72	66.73	48.64
WEIGHT (POUNDS)										743	646	1,615	3,004
[illegible]													
CONCENTRATION (PPM)										5.18	6.17	55.62	25.23
WEIGHT (POUNDS)										106	106	1,346	1,558
SULFITE ION													
CONCENTRATION (PPM)										.70	.93	.66	.74
WEIGHT (POUNDS)										14	16	16	46
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	1,166	1,180	2,051	1,209	1,878	2,117	2,177	3,329	2,961				18,068
HYDROGEN-ION CONC. (PH)					7.0								7.0
CALCIUM ION													
CONCENTRATION (PPM)	1.55	1.85	.90	1.66	1.02	.80	.90	.44	.38				.88
WEIGHT (POUNDS)	15	18	15	17	16	14	16	12	9				132
CHLORIDE ION													
CONCENTRATION (PPM)	193.38	92.46	35.46	90.24	114.26	51.54	73.50	52.44	49.13				73.06
WEIGHT (POUNDS)	1,882	910	607	910	1,791	910	1,335	1,457	1,214				11,016

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
HYPOCHLORITE													
CONCENTRATION (PPM)	3.98	4.76	2.32	4.27	2.63	2.06	2.32	1.12	.97				2.27
WEIGHT (POUNDS)	39	47	40	43	41	36	42	31	24				343
PHOSPHATE ION													
CONCENTRATION (PPM)	.64	.71	.29		.20	.18	.14	.09	.20				.22
WEIGHT (POUNDS)	6	7	5		3	3	2	2	5				33
SODIUM ION													
CONCENTRATION (PPM)	153.31	64.48	25.25	61.28	76.23	35.39	49.47	35.18	33.42				51.06
WEIGHT (POUNDS)	1,492	635	432	618	1,195	625	899	977	826				7,699
SULFATE ION													
CONCENTRATION (PPM)	90.55	9.94	6.01	9.70	6.25	5.54	5.39	3.52	3.96				11.08
WEIGHT (POUNDS)	881	98	103	98	98	98	98	98	98				1,670
SULFITE ION													
CONCENTRATION (PPM)	1.31	1.29	.56		.51	.45	.35	.23	.51				.51
WEIGHT (POUNDS)	13	13	10		8	8	6	6	13				77
LOFT DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	357	389	362	117	329	79	416	236	226	168	146	598	3,423
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)	122.42	280.84	120.59	622.21	22.14	92.31				260.55	299.33	48.69	116.96
WEIGHT (POUNDS)	364	910	364	607	61	61				364	364	243	3,338
PHOSPHATE ION													
CONCENTRATION (PPM)	2.10	2.31	2.89	16.00	4.56					2.68		1.00	2.07
WEIGHT (POUNDS)	6	7	9	16	12					4		5	59
SODIUM ION													
CONCENTRATION (PPM)	84.69	196.10	89.24	437.86	24.31	59.76				174.56	199.80	35.60	82.55
WEIGHT (POUNDS)	252	636	270	427	67	39				244	243	178	2,356
SULFATE ION													
CONCENTRATION (PPM)											16.09	9.82	2.42
WEIGHT (POUNDS)											20	49	69
SULFITE ION													
CONCENTRATION (PPM)	4.27	19.59	15.77	40.68	11.58					6.81	10.44	3.82	8.34
WEIGHT (POUNDS)	13	63	48	40	32					10	13	19	238

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
LPT DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	636	941	899	1,062	1,597	1,344	850	1,025	1,750	1,512	557	885	13,058
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)	68.64	115.91	32.36	27.40	13.66	16.24	25.67	24.84	14.55	19.24	52.21	16.44	30.62
WEIGHT (POUNDS)	364	910	243	243	182	182	182	212	212	243	243	121	3,337
PHOSPHATE ION													
CONCENTRATION (PPM)	.94	.64	.67	.70	.47	.56	.44	2.19	1.28	.20	1.07	1.01	.81
WEIGHT (POUNDS)	5	5	5	6	6	6	3	19	19	2	5	7	88
SODIUM ION													
CONCENTRATION (PPM)	52.81	80.27	23.22	23.33	11.81	14.03	21.84	21.52	14.29	14.48	40.48	13.15	24.06
WEIGHT (POUNDS)	280	631	174	207	157	157	155	184	209	183	188	97	2,622
SULFATE ION													
CONCENTRATION (PPM)	19.93	13.09	13.70	11.60	7.35	7.86	14.49	12.02	7.04	5.43	12.63		9.53
WEIGHT (POUNDS)	106	103	103	103	98	88	103	103	103	69	59		1,038
SULFITE ION													
CONCENTRATION (PPM)	1.80	1.62	2.12	1.79	1.19	1.42	1.12	.56	3.26	.50	2.73	1.72	1.65
WEIGHT (POUNDS)	10	13	16	16	16	16	8	5	48	6	13	13	180

SCHED. NO. INF6162-9

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	VOLUME OR WEIGHT BY MONTH JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	350.0		155.0	150.0	150.0	150.0	150.0	150.0	262.0	220.0	234.0	217.0	2,188.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	350.0		155.0	150.0	150.0	150.0	150.0	150.0	262.0	220.0	234.0	217.0	2,188.0

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

TAN WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
LO1 WATER PUMPED (GAL)	138	86	204	1	101	63	62	100	2	166	145	323	1,391
LO2 WATER PUMPED (GAL)	218	302	158	116	228	16	353	137	224	2	1	274	2,029
LPT WATER PUMPED (GAL)	636	941	899	1,062	1,597	1,344	850	1,025	1,750	1,512	557	885	13,058
TF1 WATER PUMPED (GAL)	681	538	878	715	936	1,128	1,183	1,565	1,165	1,094	763	1,459	12,105
TF2 WATER PUMPED (GAL)	486	642	1,173	494	942	989	993	1,765	1,796	1,355	1,290	1,441	13,366
TOTAL WATER PUMPED (GAL)	2,159	2,509	3,312	2,388	3,804	3,540	3,441	4,592	4,937	4,129	2,756	4,382	41,949
WATER DISPOSAL													
AIP (GAL)										2,025	1,680	2,454	6,159
SURFACE (GAL)										1,679	703	1,482	28,306
SUBSURFACE (GAL)	1,902	2,104	2,807	1,916	1,925	2,974	2,854	3,754	4,206				
SEWAGE DATA													
BUILD VOLUME (GAL)	256	405	505	472	1,878	566	587	836	731	423	373	445	7,477
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	27.5	33.7	39.5	42.1	21.6	30.1	25.3	20.6	23.5	30.3	21.5	27.1	28.6
FINAL CONC. (PPM)	20.0	11.0	7.0	17.5	4.8	11.2	11.0	8.1	6.2	10.0	10.5	12.5	10.8
% REMOVED	27.3	67.4	82.3	58.4	77.8	62.8	56.5	60.7	73.6	67.0	51.2	53.9	62.2
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
% REMOVED													
PH-FINAL	7.0	7.1	7.0	7.1	7.0	7.0	7.0	7.4	6.8	7.3	7.1	7.0	7.1
TOTAL SEWAGE VOL. (GAL)	256	405	505	472	1,878	566	587	836	731	423	373	445	7,477
TOTAL WATER DISPOSED (GAL)	2,158	2,509	3,312	2,388	3,803	3,540	3,441	4,590	4,937	4,127	2,756	4,381	41,942
ACCOUNTABILITY (%)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

TAN FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)	1		1					22	27	54	83	117	305
SO2 (LBS)								1	1	1	2	3	8
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)	27	18	24	14	28	2	1	2					116
SO2 (LBS)	7	5	6	4	7								29
NOX (LBS)													
PARTICULATES (LBS)	1	1	1	1	1								5
TYPE 6													
VOLUME (GAL)	107	77	78	48	41	28	23						402
SO2 (LBS)	40	29	29	18	15	11	9						151
NOX (LBS)													
PARTICULATES (LBS)	1	1	1	1	1								5
GRAND TOTALS													
SO2 (LBS)	47	34	35	22	22	11	9	1	1	1	2	3	188
NOX (LBS)													
PARTICULATES (LBS)	2	2	2	2	2								10

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

CFA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
AUTO CLEANERS													
WEIGHT (POUNDS)	680	360	440	360	720	160	720	280	360	280	280	280	4,920
BLEACH													
WEIGHT (POUNDS)					50		50		25	75	50	55	305
CHLORIDE ION													
WEIGHT (POUNDS)	2,427	1,214	1,214	1,214	1,214	2,002	1,214	1,214	1,214	1,214	1,214	1,214	16,569
HYPOCHLORITE													
WEIGHT (POUNDS)	128	115	118	114	139	122	116	25	138	139	130	123	1,407
KWIK KLEEN													
WEIGHT (POUNDS)												100	100
LAUNDRY PRODUCTS													
WEIGHT (POUNDS)	100	100	100	100	100	100	50	150	50	75	50	75	1,050
SOAP													
WEIGHT (POUNDS)	1,700	1,425	1,450	1,540	1,346	1,436	1,391	1,541	1,660	1,480	1,380	1,350	17,699
SODIUM ION													
WEIGHT (POUNDS)	1,573	786	786	786	786	1,298	786	786	786	786	786	786	10,731
SPRA-SAF													
WEIGHT (POUNDS)	100	100	100	100	100	100	100	100	100	100	100		1,100

CFA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC.	ANNUAL TOT & AVE
SEWAGE PLANT SUBSURFACE													
VOLUME (GAL. IN 1000)	3,336	4,969	3,670	2,959	3,868	3,311	2,882	3,204	3,098	2,593	3,624	4,745	42,259
HYDROGEN-ION CONC. (PH)	8.0	7.9	8.1	7.9	7.9	7.9	7.8	7.8	7.9	7.9	7.9	7.9	7.9
AUTO CLEANERS													
CONCENTRATION (PPM)	24.43	8.68	14.37	14.58	22.31	5.79	29.94	10.47	13.92	12.94	9.26	7.07	13.95
WEIGHT (POUNDS)	680	360	440	360	720	160	720	280	360	280	280	280	4,920
BLEACH													
CONCENTRATION (PPM)					1.55		2.08		.97	3.47	1.65	1.39	.86
WEIGHT (POUNDS)					50		50		25	75	50	55	305
CHLORIDE ION													
CONCENTRATION (PPM)	87.19	29.27	39.63	49.15	37.60	72.47	50.46	45.39	46.94	56.08	40.13	30.65	46.98
WEIGHT (POUNDS)	2,427	1,214	1,214	1,214	1,214	2,002	1,214	1,214	1,214	1,214	1,214	1,214	16,569
HYPOCHLORITE													
CONCENTRATION (PPM)	4.59	2.78	3.84	4.61	4.29	4.41	4.83	.92	5.33	6.44	4.29	3.10	3.99
WEIGHT (POUNDS)	128	115	118	114	139	122	116	25	138	139	130	123	1,407
KWIK KLEEN													
CONCENTRATION (PPM)												2.53	.28
WEIGHT (POUNDS)												100	100
LAUNDRY PRODUCTS													
CONCENTRATION (PPM)	3.59	2.41	3.27	4.05	3.10	3.62	2.08	5.61	1.93	3.47	1.65	1.89	2.98
WEIGHT (POUNDS)	100	100	100	100	100	100	50	150	50	75	50	75	1,050
SOAP													
CONCENTRATION (PPM)	61.06	34.36	47.34	62.36	41.70	51.97	57.84	57.63	64.21	68.39	45.63	34.09	50.19
WEIGHT (POUNDS)	1,700	1,425	1,450	1,540	1,346	1,436	1,391	1,541	1,660	1,480	1,380	1,350	17,699
SODIUM ION													
CONCENTRATION (PPM)	56.50	18.96	25.68	31.85	24.36	46.96	32.70	29.41	30.42	36.34	26.00	19.86	30.43
WEIGHT (POUNDS)	1,573	786	786	786	786	1,298	786	786	786	786	786	786	10,731
SPRA-SAF													
CONCENTRATION (PPM)	3.59	2.41	3.27	4.05	3.10	3.62	4.16	3.74	3.97	4.62	3.31		3.12
WEIGHT (POUNDS)	100	100	100	100	100	100	100	100	100	100	100		1,100

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CFA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	350.0		400.0	390.0	372.0	378.0	380.0	414.0	634.0	750.0	652.0	746.0	5,466.0
2 Y SOLID	31.0		136.0	140.0	80.0	72.0	70.0	133.0	22.0	40.0	31.0	38.0	793.0
4 Y SOLID			30.0					48.0					78.0
RTS ROADS													
DISPOSED WASTE													
6 K LIQUID WASTE OIL							2,000.0						2,000.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	350.0		400.0	390.0	372.0	378.0	380.0	414.0	634.0	750.0	652.0	746.0	5,466.0
2 Y SOLID	31.0		136.0	140.0	80.0	72.0	70.0	133.0	22.0	40.0	31.0	38.0	793.0
4 Y SOLID			30.0					48.0					78.0
6 K LIQUID							2,000.0						2,000.0

CFA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	11	5	3	15	6	5	24	1,073	431	106	23	9	1,711
2 WATER PUMPED (GAL)	6,540	6,407	7,643	7,338	13,740	16,280	15,620	15,090	9,897	8,235	9,192	8,609	124,591
TOTAL WATER PUMPED (GAL)	6,551	6,412	7,646	7,353	13,746	16,285	15,644	16,163	10,328	8,341	9,215	8,618	126,302
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)	214	202	502	331	350	301	242	310	316	394	662	247	4,071
SEWAGE DATA													
BUILD VOLUME (GAL)	3,122	4,768	3,168	2,628	3,519	3,010	2,640	2,893	2,781	2,199	2,961	4,497	38,186
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	39.7	35.8	36.9	26.6	18.2	12.4	40.9	24.6	40.0	5.1	23.8	20.6	27.1
FINAL CONC. (PPM)	10.3	5.4	10.6	6.5	9.6	1.6	5.1	4.4	5.0	4.5	4.1	4.4	6.0
% REMOVED	74.1	84.9	71.3	75.6	47.3	87.1	87.5	82.1	87.5	11.8	82.8	78.6	77.9
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)	3.8	1.8	2.3	2.6	3.2	1.7	3.9	5.9	3.2	2.8	2.6	3.0	3.1
FINAL CONC. (ML/L)	.10	.05	.10	.06	.05	.05	.05	.06	.10	.13	.05	.05	.07
% REMOVED	97.4	97.2	95.7	97.7	98.4	97.1	98.7	99.0	96.9	95.4	98.1	98.3	97.7
PH-FINAL	8.0	7.9	8.1	7.9	7.9	7.9	7.8	7.8	7.9	7.9	7.9	7.9	7.9
TOTAL SEWAGE VOL. (GAL)	3,122	4,768	3,168	2,628	3,519	3,010	2,640	2,993	2,781	2,199	2,961	4,497	38,186
TOTAL WATER DISPOSED (GAL)	3,336	4,970	3,670	2,959	3,869	3,311	2,882	3,203	3,097	2,593	3,623	4,744	42,257
ACCOUNTABILITY (%)	50.9	77.5	48.0	40.2	28.1	20.3	18.4	19.8	30.0	31.1	39.3	55.0	33.5

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CFA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

PG 1 RPT 168-1
CFA

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	19	24	9	9	8	3		8	17	15	102	83	297
SO2 (LBS)	1	1									3	2	7
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)	98	32	60	62	22	50				5			329
SO2 (LBS)	24	8	15	15	5	12				1			80
NOX (LBS)													
PARTICULATES (LBS)	4	1	2	3	1	2							13
GRAND TOTALS													
SO2 (LBS)	25	9	15	15	5	12				1	3	2	87
NOX (LBS)													
PARTICULATES (LBS)	4	1	2	3	1	2							13

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

CPP LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CALCIUM ION WEIGHT (POUNDS)	3	3	3	3	3	3	3	3	3	4	3	3	37
CHLORIDE ION WEIGHT (POUNDS)	25,190	22,459	30,350	25,494	26,101	51,595	101,369	74,418	44,918	15,782	15,175	20,334	453,185
HYPOCHLORITE WEIGHT (POUNDS)	7	8	8	8	8	8	7	9	9	9	7	9	97
PHOSPHATE ION WEIGHT (POUNDS)	50	50	75	25	25	25	25	25	25	25	50	25	425
SODIUM ION WEIGHT (POUNDS)	16,764	15,053	20,237	16,748	17,256	33,711	65,987	48,567	29,482	10,675	10,329	13,651	298,460
SULFATE ION WEIGHT (POUNDS)	10,475	5,988	6,901	5,287	3,965	6,598	4,650	4,494	3,701	3,745	5,729	8,088	69,621
SULFITE ION WEIGHT (POUNDS)	127	127	127	63	63	63	63	63	63	63	63	63	948
TDS WEIGHT (POUNDS)	116,272	149,682	90,005	97,044	81,310	164,190	241,664	185,801	173,745	102,884	85,215	73,264	1,561,076

CPP LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)	27,750	27,730	19,090	27,030	19,880	34,220	46,270	28,270	34,590	23,260	24,710	22,210	335,010
HYDROGEN-ION CONC. (PH)	8.3	8.2	7.9	7.9	7.7	7.6	8.1	8.3	7.1		8.2	8.2	8.0
CHLORIDE ION													
CONCENTRATION (PPM)	108.78	97.05	190.51	113.02	157.33	180.67	262.52	315.44	155.61	81.30	73.59	109.71	162.10
WEIGHT (POUNDS)	25,190	22,459	30,350	25,494	26,101	51,595	101,369	74,418	44,918	15,782	15,175	20,334	453,185
PHOSPHATE ION													
CONCENTRATION (PPM)	.22	.22	.47	.11	.15	.09	.06	.11	.09	.13	.24	.13	.15
WEIGHT (POUNDS)	50	50	75	25	25	25	25	25	25	25	50	25	425
SODIUM ION													
CONCENTRATION (PPM)	72.40	65.06	127.03	74.24	104.01	118.05	170.89	205.86	102.14	54.99	50.10	73.66	106.76
WEIGHT (POUNDS)	16,764	15,053	20,237	16,748	17,256	33,711	65,987	48,567	29,482	10,675	10,329	13,651	298,460
SULFATE ION													
CONCENTRATION (PPM)	45.23	25.87	43.32	23.44	23.90	23.11	12.04	19.05	12.82	19.29	27.78	43.64	24.90
WEIGHT (POUNDS)	10,475	5,988	6,901	5,287	3,965	6,598	4,650	4,494	3,701	3,745	5,729	8,088	69,621
SULFITE ION													
CONCENTRATION (PPM)	.55	.55	.80	.28	.38	.22	.16	.27	.22	.33	.31	.34	.34
WEIGHT (POUNDS)	127	127	127	63	63	63	63	63	63	63	63	63	948
TDS													
CONCENTRATION (PPM)	503.00	648.00	566.00	431.00	491.00	576.00	627.00	789.00	603.00	531.00	414.00	396.00	558.38
WEIGHT (POUNDS)	116,272	149,682	90,005	97,044	81,310	164,190	241,664	185,801	173,745	102,884	85,215	73,264	1,561,076
SEWAGE PLANT SUBSURFACE													
VOLUME (GAL. IN 1000)	590	436	810	538	776	652	611	582	578	513	444	440	6,970
HYDROGEN-ION CONC. (PH)	7.8	7.8	7.8	7.7	7.8	7.8	7.7	7.6	7.7	7.6	7.8	7.7	7.7
CALCIUM ION													
CONCENTRATION (PPM)	.53	.87	.44	.66	.46	.55	.55	.69	.70	.83	.70	.91	.64
WEIGHT (POUNDS)	3	3	3	3	3	3	3	3	3	4	3	3	37
HYPOCHLORITE													
CONCENTRATION (PPM)	1.36	2.24	1.13	1.71	1.18	1.41	1.41	1.77	1.79	2.12	1.81	2.35	1.67
WEIGHT (POUNDS)	7	8	8	8	8	8	7	9	9	9	7	9	97

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	279.0		350.0	360.0	320.0	300.0	280.0	342.0	278.0	230.0	241.0	229.0	3,209.0
4 Y SOLID			32.0	32.0				33.0					97.0
5 Y SOLID			3.0	4.0									7.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	279.0		350.0	360.0	320.0	300.0	280.0	342.0	278.0	230.0	241.0	229.0	3,209.0
4 Y SOLID			32.0	32.0				33.0					97.0
5 Y SOLID			3.0	4.0									7.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)	35,160	29,570	20,890	28,950	21,690	36,620	49,220	30,300	36,920	24,970	26,410	23,790	364,490
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)	32,900	27,730	19,090	27,030	19,880	34,220	46,270	28,270	34,590	23,260	24,710	22,210	340,160
SEWAGE DATA													
BUILD VOLUME (GAL)	590	436	810	538	776	652	611	582	579	513	444	440	6,970
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)	68.2	57.3	64.9	57.0	37.5	55.9	37.4	47.6	58.4	59.3	79.4	81.0	58.7
FINAL CONC. (PPM)	16.7	10.6	8.3	7.6	7.8	44.1	14.8	10.7	13.0	9.8	11.7	15.7	14.2
% REMOVED	75.5	81.5	87.2	86.7	79.2	21.1	60.4	77.5	77.7	83.5	85.3	80.6	75.8
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)	.8	.8	1.3	.7	1.4	2.3	1.3	1.3	1.2	.9	1.1	1.1	1.2
FINAL CONC. (ML/L)	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
% REMOVED	93.8	93.8	96.2	92.9	96.4	97.8	96.2	96.2	95.8	94.4	95.5	95.5	95.8
PH-FINAL	7.8	7.8	7.8	7.7	7.8	7.8	7.7	7.6	7.7	7.6	7.8	7.7	7.7
TOTAL SEWAGE VOL. (GAL)	590	436	810	538	776	652	611	582	578	513	444	440	6,970
TOTAL WATER DISPOSED (GAL)	33,490	28,166	19,900	27,568	20,656	34,872	46,881	28,852	35,168	23,773	25,154	22,650	347,130
ACCOUNTABILITY (%)	95.3	95.3	95.3	95.2	95.2	95.2	95.2	95.2	95.3	95.2	95.2	95.2	95.2

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

CPP FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)	221	201	183	128		137	95	113		141	156	247	1,622
SO2 (LBS)	6	5	5	3		4	3	3		4	4	7	44
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 6													
VOLUME (GAL)					115								115
SO2 (LBS)					43								43
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)	6	5	5	3	43	4	3	3		4	4	7	87
NOX (LBS)													
PARTICULATES (LBS)													

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

NRF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BIOCIDE D-2 WEIGHT (POUNDS)	235	210	235	325	325	325	325	325	325	325	325	325	3,605
CHLORIDE ION WEIGHT (POUNDS)	26,829	26,708	40,062	28,408	26,708	26,708	25,494	26,708	25,494	26,708	27,922	26,708	334,457
PHOSPHATE ION WEIGHT (POUNDS)	390	481	735	934	747	1,386	1,358	1,075	1,511	1,036	1,059	1,040	11,752
SLIMICIDE A-9 WEIGHT (POUNDS)						115	10	7	115	114	115	146	622
SLIMICIDE J-9 WEIGHT (POUNDS)						46	8	9	46	46	46	45	246
SODIUM ION WEIGHT (POUNDS)	18,413	18,369	26,464	19,325	18,563	18,306	17,422	18,171	17,350	18,324	18,988	18,218	227,913
SULFATE ION WEIGHT (POUNDS)	8,850	8,850	5,664	9,324	11,523	11,562	8,410	23,516	15,919	17,906	18,601	13,363	153,488
SULFITE ION WEIGHT (POUNDS)	3	63	432	57	46	79	28	103	143	110	137	46	1,247
TDS WEIGHT (POUNDS)	57,215	31,689	820	97,011	55,606	54,176	37,708	97,757		96,549			528,531

NRF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEWAGE POND SURFACE													
VOLUME (GAL. IN 1000)	1,767	1,296	1,558	857	609	580	1,204	1,418	1,440	1,144	1,280	864	14,417
HYDROGEN-ION CONC. (PH)	6.9	6.8	7.1	8.3	8.2	8.7	8.0	8.8					7.9
WASTE DITCH SURFACE													
VOLUME (GAL. IN 1000)	4,579	4,135	4,010	5,794	6,227	5,705	8,824	8,504	6,545	7,137	6,574	6,591	74,625
HYDROGEN-ION CONC. (PH)	6.0	6.7	8.1	7.5	7.5	7.1	7.1	7.5		6.8			7.1
BIOCIDE D-2													
CONCENTRATION (PPM)	6.15	6.09	7.02	6.72	6.25	6.83	4.41	4.58	5.95	5.46	5.92	5.91	5.79
WEIGHT (POUNDS)	235	210	235	325	325	325	325	325	325	325	325	325	3,605
CHLORIDE ION													
CONCENTRATION (PPM)	702.11	773.98	1197.16	587.52	513.96	560.98	346.21	376.34	466.76	448.42	508.96	485.57	537.06
WEIGHT (POUNDS)	26,829	26,708	40,062	28,408	26,708	26,708	25,494	26,708	25,494	26,708	27,922	26,708	334,457
PHOSPHATE ION													
CONCENTRATION (PPM)	10.21	13.94	21.96	19.32	14.37	29.11	18.44	15.15	27.66	17.39	19.30	18.91	18.87
WEIGHT (POUNDS)	390	481	735	934	747	1,386	1,358	1,075	1,511	1,036	1,059	1,040	11,752
SLIMICIDE A-9													
CONCENTRATION (PPM)						2.42	.14	.10	2.11	1.91	2.10	2.65	1.00
WEIGHT (POUNDS)						115	10	7	115	114	115	146	622
SLIMICIDE J-9													
CONCENTRATION (PPM)						.97	.11	.13	.84	.77	.84	.82	.40
WEIGHT (POUNDS)						46	8	9	46	46	46	45	246
SODIUM ION													
CONCENTRATION (PPM)	481.87	532.33	790.81	399.67	357.23	384.52	236.59	256.04	317.65	307.67	346.10	331.22	365.97
WEIGHT (POUNDS)	18,413	18,369	26,464	19,325	18,563	18,306	17,422	18,171	17,350	18,324	18,988	18,218	227,913
SULFATE ION													
CONCENTRATION (PPM)	231.60	256.47	169.24	192.84	221.74	242.85	114.20	331.36	291.45	300.64	339.05	242.96	246.46
WEIGHT (POUNDS)	8,850	8,850	5,664	9,324	11,523	11,562	8,410	23,516	15,919	17,906	18,601	13,363	153,488
SULFITE ION													
CONCENTRATION (PPM)	.08	1.84	12.92	1.18	.89	1.67	.38	1.45	2.62	1.86	2.50	.83	2.00
WEIGHT (POUNDS)	3	63	432	57	46	79	28	103	143	110	137	46	1,247
TDS													
CONCENTRATION (PPM)	1500.00	920.00	24.50	2010.00	1072.00	1140.00	513.00	1380.00		1624.00			848.69
WEIGHT (POUNDS)	57,215	31,689	820	97,011	55,606	54,176	37,708	97,757		96,549			528,531

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA ACID PIT													
DISPOSED WASTE													
8 K LIQUID						1,934.0							1,934.0
SULFURIC ACID													
8 P SOLID						300.0							300.0
SODIUM BICARBONATE													
8 P SOLID						4,500.0							4,500.0
SODIUM CARBONATE													
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	1,000.0		750.0	780.0	600.0	600.0	600.0	750.0	774.0	960.0	847.0	958.0	8,619.0
2 Y SOLID	12.0		60.0	60.0	60.0	60.0	60.0	60.0	36.0	50.0	63.0	50.0	571.0
7 K LIQUID							.5						.5
CARBON TETRACHLORIDE													
7 K LIQUID						40.0							40.0
SOLVENTS													
8 K LIQUID	465.0	150.0			1,485.0								2,100.0
BORON SOLUTION													
8 K LIQUID					165.0								165.0
CHROMATE SOLUTION													
8 K LIQUID										770.0	4,200.0		4,970.0
CHROMATES													
8 P SOLID	400.0	.3	1,000.0	30.0									1,430.3
MISC CHEMICALS													
9 F SOLID	4,091.0	4,961.0	1,969.0	2,982.0	3,472.0	8,152.0	3,032.0	6,688.0	3,355.0	7,053.0	6,553.0	9.0	52,317.0
CONSTRUCTION WASTE													
CFA OIL DEPOT													
STORED WASTE													
6 K LIQUID						635.0			300.0	1,695.0	890.0		3,520.0
OIL													
CFA SALVAGE													
STORED WASTE													
5 Y SOLID				11.8	.9	2.2							14.9
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	1,000.0		750.0	780.0	600.0	600.0	600.0	750.0	774.0	960.0	847.0	958.0	8,619.0
2 Y SOLID	12.0		60.0	60.0	60.0	60.0	60.0	60.0	36.0	50.0	63.0	50.0	571.0
7 K LIQUID						40.0	.5						40.5
8 K LIQUID	465.0	150.0			1,650.0	1,934.0				770.0	4,200.0		9,169.0
8 P SOLID	400.0	.3	1,000.0	30.0		4,800.0							6,230.3

NRF INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
GRAND TOTALS													
DISPOSED WASTE													
9 F SOLID	4,091.0	4,961.0	1,969.0	2,982.0	3,472.0	8,152.0	3,032.0	6,688.0	3,355.0	7,053.0	6,553.0	9.0	52,317.0
STORED WASTE													
5 Y SOLID				11.8	.9	2.2							14.9
6 K LIQUID						635.0			300.0	1,695.0	890.0		3,520.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRF WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

PG 1 RPT 307-1
NRF

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)	12,700	14,630	11,800	16,710	24,110	31,490	29,630	33,610	27,140	21,890	19,030	14,080	256,820
2 WATER PUMPED (GAL)	13	11	13	6	7	9	9	13	4	5	7	8	105
3 WATER PUMPED (GAL)	772	615	4,158	3,279	1,078	2,823	4,508	3,623	1,964	1,590	1,562	1,482	27,454
TOTAL WATER PUMPED (GAL)	13,485	15,256	15,971	19,995	25,195	34,322	34,147	37,246	29,108	23,485	20,599	15,570	284,379
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)	4,579	4,135	4,010	5,794	6,227	5,705	8,824	8,504	6,545	7,137	6,574	6,591	74,625
SUBSURFACE (GAL)													
SEWAGE DATA													
BUILD VOLUME (GAL)	1,767	1,296	1,958	857	609	580	1,204	1,418	1,440	1,144	1,280	864	14,417
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	76.2	70.0	30.5	.1	34.6	15.8	41.1	45.9	.1	.1	.1	.1	26.9
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)	.2	.1	5.6	.1	2.3	12.4	4.2	4.4	.1	.1	.1	.1	2.5
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL	6.9	6.8	7.1	8.3	8.2	8.7	8.0	8.8					7.9
TOTAL SEWAGE VOL. (GAL)	1,767	1,296	1,958	857	609	580	1,204	1,418	1,440	1,144	1,280	864	14,417
TOTAL WATER DISPOSED (GAL)	6,346	5,431	5,968	6,651	6,836	6,285	10,028	9,922	7,985	8,281	7,854	7,455	89,042
ACCOUNTABILITY (%)	47.1	35.6	37.4	33.3	27.1	18.3	29.4	26.6	27.4	35.3	38.1	47.9	31.3

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

NRF FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)								116	142	161	263	274	956
SO2 (LBS)								4	5	5	9	9	32
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 6													
VOLUME (GAL)	222	182	156	28	26	56	66						736
SO2 (LBS)	78	64	55	10	9	20	23						259
NOX (LBS)													
PARTICULATES (LBS)	2	1	1										4
GRAND TOTALS													
SO2 (LBS)	78	64	55	10	9	20	23	4	5	5	9	9	291
NOX (LBS)													
PARTICULATES (LBS)	2	1	1										4

ANL AIRBORNE DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
COOLING TOWER													
VOLUME (CU.FT. IN 1000)	421	819	584	351			1,069	909	976	842	802	762	7,534

ANL LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ NEUTRMEEN WEIGHT (POUNDS)	96	80	80	80	80		120	120	120	120	160	200	1,256
DIANODIC 194 WEIGHT (POUNDS)	2,240	370	370	250			400	400	450	300	400	500	5,680
PHOSPHATE ION WEIGHT (POUNDS)	1	1	1	1	1			30	40	40	30	40	185
PHOTO LAB CHEMICAL WEIGHT (POUNDS)	150	150	150	150	150	150	150	150	150	150	150	53	1,703
SKAZOL WEIGHT (POUNDS)	200	200	200	200	200	200	240	200	200	160	200	200	2,400
SODIUM ION WEIGHT (POUNDS)	397	333	333	218	182	324	398	273	252	288	318	363	3,679
SULFATE ION WEIGHT (POUNDS)	1,346	1,126	1,126	734	612	1,101	1,346	857	734	857	979	1,101	11,919
SULFITE ION WEIGHT (POUNDS)	2	2	3	3	3		3		13	13	16	19	77
SULFUR DIOXIDE WEIGHT (POUNDS)	390	490	400	180	340		540	460	570	570	406	514	4,860

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
FACILITY 779 SURFACE													
VOLUME (GAL. IN 1000)	217	245	506	272	284	273	247	277	271	243	231	226	3,292
HYDROGEN-ION CONC. (PH)					8.7	7.3	8.0	8.7	7.6	7.2			7.9
SKAZOL													
CONCENTRATION (PPM)	110.24	98.02	47.35	88.08	84.27	87.85	116.39	86.49	88.47	78.80	103.75	106.09	87.34
WEIGHT (POUNDS)	200	200	200	200	200	200	240	200	200	160	200	200	2,400
INDUSTRIAL POND 746 SURFACE													
VOLUME (GAL. IN 1000)	3,119	4,245	4,390	2,339	1,557	2,139	4,550	4,206	3,166	3,256	1,743	2,200	36,910
HYDROGEN-ION CONC. (PH)	6.0		6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0		6.0
BETZ NEUTRMEEN													
CONCENTRATION (PPM)	3.69	2.26	2.18	4.10	6.16		3.16	3.42	4.54	4.42	11.00	10.89	4.08
WEIGHT (POUNDS)	96	80	80	80	80		120	120	120	120	160	200	1,256
DIANODIC 194													
CONCENTRATION (PPM)	86.06	10.44	10.10	12.81			10.53	11.40	17.03	11.04	27.50	27.23	18.44
WEIGHT (POUNDS)	2,240	370	370	250			400	400	450	300	400	500	5,680
PHOSPHATE ION													
CONCENTRATION (PPM)	.05	.04	.03	.06	.10	.03	.01	.85	1.51	1.47	2.06	2.18	.60
WEIGHT (POUNDS)	1	1	1	1	1			30	40	40	30	40	185
PHOTO LAB CHEMICAL													
CONCENTRATION (PPM)	5.76	4.23	4.09	7.68	11.54	8.40	3.95	4.27	5.69	5.52	10.31	2.89	5.53
WEIGHT (POUNDS)	150	150	150	150	150	150	150	150	150	150	150	53	1,703
SODIUM ION													
CONCENTRATION (PPM)	15.26	9.39	9.09	11.19	14.04	18.14	10.47	7.79	9.54	10.60	21.90	19.80	11.94
WEIGHT (POUNDS)	397	333	333	218	182	324	398	273	252	288	318	363	3,679
SULFATE ION													
CONCENTRATION (PPM)	51.72	31.78	30.73	37.62	47.09	61.70	35.45	24.41	27.79	31.53	67.31	59.99	38.70
WEIGHT (POUNDS)	1,346	1,126	1,126	734	612	1,101	1,346	957	734	857	979	1,101	11,919
SULFITE ION													
CONCENTRATION (PPM)	.07	.05	.09	.16	.24		.08		.49	.47	1.09	1.04	.25
WEIGHT (POUNDS)	2	2	3	3	3		3		13	13	16	19	77
SULFUR DIOXIDE													
CONCENTRATION (PPM)	14.98	13.83	10.92	9.22	26.17		14.22	13.11	21.57	20.98	27.91	28.00	15.78
WEIGHT (POUNDS)	390	490	400	180	340		540	460	570	570	406	514	4,860

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
TREAT SEPTIC TANK SUBSURFACE													
VOLUME (GAL. IN 1000)	25	23	25	20	20	20	20	20	25	21	25	25	269
HYDROGEN-ION CONC. (PH)													

SCHED. NO. 14F6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID	700.0	100.0	300.0	300.0	300.0	336.0	336.0	300.0	400.0	300.0	340.0	300.0	4,012.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID	700.0	100.0	300.0	300.0	300.0	336.0	336.0	300.0	400.0	300.0	340.0	300.0	4,012.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)				6,652									6,652
1 WATER PUMPED (GAL)	3,063	3,257	3,289		1,645	2,118	7,868	5,206	4,669	4,201	5,176	4,670	45,162
2 WATER PUMPED (GAL)	3,451	7,372	5,953		2,217	2,001	6,398	6,689	6,033	5,833	3,718	3,745	53,410
TOTAL WATER PUMPED (GAL)	6,514	10,629	9,242	6,652	3,862	4,119	14,266	11,895	10,702	10,034	8,894	8,415	105,224
WATER DISPOSAL													
AIR (GAL)	3,152	6,116	4,320	2,628			8,000	6,800	7,240	6,300	6,000	5,700	56,256
SURFACE (GAL)	3,119	4,245	4,390	2,339	1,557	2,139	4,550	4,206	3,166	3,256	1,743	2,200	36,910
SUBSURFACE (GAL)	25	23	25	20	20	20	20	20	25	21	25	25	269
SEWAGE DATA													
779 BUILD VOLUME (GAL)	217	245	506	272	284	273	247	277	271	243	231	226	3,292
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)					110.0	99.2	140.6	113.5	137.4	119.6			120.1
FINAL CONC. (PPM)	.1	.1	.1	.1	27.9	40.5	26.0	72.5	69.5	54.5	.1	.1	24.3
% REMOVED					74.6	59.2	81.5	36.1	49.4	54.4			79.8
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)					.1	4.6	1.2	.6	.1	.2			1.1
FINAL CONC. (PPM)	.1	.1	.1	.1	3.8	4.7	2.2	3.1	3.8	.3	.1	.1	1.5
INCREASED FACTOR					37.0		.8	4.2	37.0	.5			.4
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL					8.7	7.3	8.0	8.7	7.6	7.2			7.9
TOTAL SEWAGE VOL. (GAL)	217	245	506	272	284	273	247	277	271	243	231	226	3,292
TOTAL WATER DISPOSED (GAL)	6,513	10,629	9,241	5,259	1,861	2,432	12,817	11,303	10,702	9,920	7,999	8,151	96,727
ACCOUNTABILITY (%)	100.0	100.0	100.0	79.1	48.2	59.0	89.8	95.0	100.0	97.9	89.9	96.9	91.9

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/11/74

ANL FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1972

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)									52	76	100	145	373
SO2 (LBS)									3	4	5	7	19
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)	136	106	86	74	56	48	42	37					585
SO2 (LBS)	30	23	19	16	12	10	9	8					127
NOX (LBS)													
PARTICULATES (LBS)	2	2	1	1	1	1	1	1					10
GRAND TOTALS													
SO2 (LBS)	30	23	19	16	12	10	9	8	3	4	5	7	146
NOX (LBS)													
PARTICULATES (LBS)	2	2	1	1	1	1	1	1					10

SCHED. NO. INF6161-A

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

NRTS MONTHLY WATER USAGE SUMMARY
DECEMBER 1971

PG 1 RPT L-I

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

AREA OF ORIGIN	MONTHLY VOLUME PUMPED	MONTHLY VOLUME DISPOSED					ACCOUNTA-BILITY (%)
		AIR	SURFACE	SUBSURFACE	SEWAGE	TOTAL	
ANL	6,604	3,360	2,967	23	235	6,585	99.7
ARA	2,489						
CFA	7,038			223	3,115	3,338	47.4
CPP	22,840			21,050	702	21,752	95.2
NRF	18,323		1,127		1,426	2,553	13.9
PBF	265			6		6	2.3
TAN	2,287			2,058	227	2,285	99.9
TRA	160,260	56,900	58,650	14,660	826	131,036	81.8
GRAND TOTALS	220,106	60,260	62,744	38,020	6,531	167,555	76.1

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

NRTS YEAR-TO-DATE WATER USAGE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

AREA OF ORIGIN	YEARLY VOLUME PUMPED	YEARLY VOLUME DISPOSED					ACCOUNTA-BILITY (%)
		AIR	SURFACE	SUBSURFACE	SEWAGE	TOTAL	
ANL	80,441	17,931	20,536	204	2,222	40,893	50.8
ARA	16,334						
CFA	96,065			2,496	29,923	32,419	33.7
CPP	260,580			238,809	5,572	244,381	93.8
NRF	478,617		59,691		11,694	71,385	14.9
PBF	9,102			257		257	2.8
TAN	35,109			31,717	3,382	35,099	100.0
TRA	1,426,858	472,030	442,391	126,570	9,307	1,050,298	73.6
GRAND TOTALS	2,403,166	489,961	522,618	400,053	62,100	1,474,732	61.4

NRTS INDUSTRIAL WASTE SUMMARY
DECEMBER 1971

AREA OF ORIGIN / TYPE OF WASTE		MONTHLY VOLUME OR WEIGHT	UNITS	YEAR-TO-DATE VOLUME OR WEIGHT	UNITS
ANL					
DISPOSED WASTE					
1 - TRASH	SOLID	300.0	CU. YD.	2,872.0	CU. YD.
9 - OTHER	SOLID			399.6	CU. FT.
ARA					
DISPOSED WASTE					
1 - TRASH	SOLID				CU. YD.
CFA					
DISPOSED WASTE					
1 - TRASH	SOLID	746.0	CU. YD.	5,432.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	38.0	CU. YD.	801.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			96.0	CU. YD.
6 - OIL	LIQUID			20,000.0	GALLONS
CPP					
DISPOSED WASTE					
1 - TRASH	SOLID	229.0	CU. YD.	3,065.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			56.0	CU. YD.
5 - SCRAP METAL	SOLID			6.0	CU. YD.
NRF					
DISPOSED WASTE					
1 - TRASH	SOLID	958.0	CU. YD.	7,704.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	50.0	CU. YD.	666.0	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID			14.8	CU. YD.
5 - SCRAP METAL	SOLID			8.9	CU. YD.
7 - SOLVENTS	LIQUID			55.0	GALLONS
8 - CHEMICALS	LIQUID			95.0	GALLONS
8 - CHEMICALS	SOLID			1,712.0	POUNDS
9 - OTHER	SOLID	1,611.0	CU. FT.	35,925.5	CU. FT.
STORED WASTE					
3 - WOOD AND SCRAP LUMBER	SOLID			88.3	CU. YD.
5 - SCRAP METAL	SOLID			16.0	CU. YD.
6 - OIL	LIQUID			3,680.0	GALLONS
9 - OTHER	SOLID			240.0	CU. FT.
PBF					
DISPOSED WASTE					
1 - TRASH	SOLID	28.0	CU. YD.	2,623.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			24.0	CU. YD.
TAN					
DISPOSED WASTE					
1 - TRASH	SOLID	217.0	CU. YD.	1,911.0	CU. YD.

AREA OF ORIGIN / TYPE OF WASTE		MONTHLY VOLUME OR WEIGHT	UNITS	YEAR-TO-DATE VOLUME OR WEIGHT	UNITS
TAN					
DISPOSED WASTE					
TRA					
DISPOSED WASTE					
1 - TRASH	SOLID	520.0	CU. YD.	4,122.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	12.0	CU. YD.	285.0	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID			36.0	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			20.0	CU. YD.
NRTS GRAND TOTALS					
DISPOSED WASTE					
1 - TRASH	SOLID	2,998.0	CU. YD.	27,729.0	CU. YD.
2 - CAFETERIA GARBAGE	SOLID	100.0	CU. YD.	1,752.0	CU. YD.
3 - WOOD AND SCRAP LUMBER	SOLID			50.8	CU. YD.
4 - MASONRY AND CONCRETE	SOLID			196.0	CU. YD.
5 - SCRAP METAL	SOLID			14.9	CU. YD.
6 - OIL	LIQUID			20,000.0	GALLONS
7 - SOLVENTS	LIQUID			55.0	GALLONS
8 - CHEMICALS	LIQUID			95.0	GALLONS
8 - CHEMICALS	SOLID			1,712.0	POUNDS
9 - OTHER	SOLID	1,611.0	CU. FT.	36,325.1	CU. FT.
STORED WASTE					
3 - WOOD AND SCRAP LUMBER	SOLID			88.3	CU. YD.
5 - SCRAP METAL	SOLID			16.0	CU. YD.
6 - OIL	LIQUID			3,680.0	GALLONS
9 - OTHER	SOLID			240.0	CU. FT.

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY
DECEMBER 1971

ALL FACILITIES	MONTHLY				YEAR-TO-DATE			
SUBSTANCES	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)
AUTO CLEANERS			400	400			2,688	2,688
BETZ NEUTRMEEN		96		96		488		488
BETZ 194							63	63
BIOCIDE C-2						16,673		16,673
BLEACH						3		3
CALCIUM ION			16	16			150	150
CHLORIDE ION		26,708	26,495	53,203		279,861	559,506	839,367
DIANODIC 194		280		280		2,260		2,260
HEXAVALENT CR			300	300		206	1,809	2,016
HYPOCHLORITE		65	388	453		756	3,678	4,434
LAUNDRY PRODUCTS			100	100			900	900
NITRATE ION							4	4
PHOSPHATE ION		88	559	646		11,193	3,660	14,852
PHOTO LAB CHEMICAL		150		150		8,302		8,302
SKAZOL		216		216		1,696		1,696
SLIMICIDE A-9						1,369		1,369
SLIMICIDE J-9						552	500	1,052
SOAP			1,900	1,900		73	16,551	16,624
SODIUM ION		43,714	18,145	61,859		442,073	369,865	811,938
SPRA-SAF			100	100			800	800
SULFATE ION		131,886	118,679	250,565		1,468,508	973,773	2,442,282
SULFITE ION		29	175	203		576	2,129	2,705

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

NRTS AIRBORNE AND LIQUID DISPOSED SUBSTANCES SUMMARY
DECEMBER 1971

ALL FACILITIES	MONTHLY				YEAR-TO-DATE			
SUBSTANCES	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)	ATMOSPHERE (POUNDS)	SURFACE (POUNDS)	SUBSURFACE (POUNDS)	TOTAL (POUNDS)
SULFUR DIOXIDE							15	15
TDS			215,593	215,593		492,259	2,382,902	2,875,160
ZINC ION			513	513		308	2,773	3,081

SCHED. NO. INF6164-A

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

NRTS MONTHLY FUEL OIL SUMMARY
DECEMBER 1971

AREA OF ORIGIN	FUEL OIL IN GALLONS					POUNDS DISCHARGED		
	TYPE 2	TYPE 5	TYPE 6	KEROSENE	DIESEL	SO2	NOX	PARTICULATES
ANL		136,400				29,792		2,264
ARA	7,761					206		
CFA	17,530	96,700				24,227		4,013
CPP	226,700					6,027		
NRF			291,200			103,150		2,001
PBF	13,080					348		
TAN	200	23,480	78,050			35,016		1,973
TRA			162,600		51,570	62,291		2,081
GRAND TOTALS	265,271	256,580	531,850		51,570	261,057		12,332

SCHED. NO. INF6164-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

NRTS YEAR-TO-DATE FUEL OIL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA OF ORIGIN	FUEL OIL IN GALLONS					POUNDS DISCHARGED		
	TYPE 2	TYPE 5	TYPE 6	KEROSENE	DIESEL	SO2	NOX	PARTICULATES
AAL		585,630				125,230		9,445
ARA	12,284			4		326		
CFA	100,050	447,450				112,609		18,569
CPP	526,200		948,060			369,190		12,135
NRF			1,546,940			547,963		10,545
PBF	28,644			5		761		
TAN	1,745	58,552	514,410			207,160		9,015
TRA	2,923		906,620		347,430	348,990		11,605
GRAND TOTALS	671,846	1,091,632	3,916,030	9	347,430	1,712,229		71,314

SCHED. NO. INF6166-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

TRA AIRBORNE DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
COOLING TOWERS VOLUME (CU.FT. IN 1000)				4,962	8,490	14,010	8,271	5,749	1,866	6,798	4,203	7,462	61,811
STEAM LOSS VOLUME (CU.FT. IN 1000)				103	78	62	28	35	78	82	98	140	704

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CHLORIDE ION WEIGHT (POUNDS)			4,555	5,099	1,428								11,082
HEXAVALENT CR WEIGHT (POUNDS)			203	79	189	197	219	233	209	255	131	300	2,015
HYPOCHLORITE WEIGHT (POUNDS)			243	324	340	260	319	285	229	267	261	295	2,823
PHOSPHATE ION WEIGHT (POUNDS)			428	132	315	326	360	417	361	417	216	493	3,465
SLIMICIDE J-9 WEIGHT (POUNDS)			250						250				500
SODIUM ION WEIGHT (POUNDS)			30,989	27,937	26,469	28,524	21,041	25,119	23,896	23,377	21,428	24,838	253,618
SULFATE ION WEIGHT (POUNDS)			237,897	201,733	258,848	240,530	239,561	201,312	197,092	235,254	159,411	233,883	2,205,521
SULFITE ION WEIGHT (POUNDS)			3	3	3	4	3	4	6	4	5	13	48
TDS WEIGHT (POUNDS)			103,770	95,970	159,803	100,789	149,569	103,465	122,566	134,571	84,050	122,484	1,177,037
ZINC ION WEIGHT (POUNDS)			121	128	315	332	375	320	319	435	224	513	3,082

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
CHEMICAL WASTE POND SURFACE													
VOLUME (GAL. IN 1000)			4,831	4,036	5,119	5,796	3,800	4,591	4,342	4,382	4,198	4,762	45,857
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)			112.98	151.38	33.42								28.96
WEIGHT (POUNDS)			4,555	5,099	1,428								11,082
PHOSPHATE ION													
CONCENTRATION (PPM)			.03	.03	.04	.05	.03	.05	.06	.04	.04	.09	.04
WEIGHT (POUNDS)			1	1	2	2	1	2	2	1	2	3	17
SODIUM ION													
CONCENTRATION (PPM)			768.66	829.45	619.60	589.72	663.52	655.64	659.48	639.27	611.65	625.02	662.73
WEIGHT (POUNDS)			30,989	27,937	26,469	28,524	21,041	25,119	23,896	23,377	21,428	24,838	253,618
SULFATE ION													
CONCENTRATION (PPM)			3460.38	3735.06	3112.15	3228.33	3352.68	3074.00	3009.82	3204.55	2923.04	3160.70	3,221.32
WEIGHT (POUNDS)			139,507	125,801	132,948	156,150	106,319	117,774	109,061	117,186	102,403	125,606	1,232,755
SULFITE ION													
CONCENTRATION (PPM)			.08	.10	.07	.08	.08	.10	.17	.12	.13	.32	.13
WEIGHT (POUNDS)			3	3	3	4	3	4	6	4	5	13	48
DESERT SURFACE													
VOLUME (GAL. IN 1000)				31,760	33,340	59,490	32,180	29,150	36,880	43,490	48,440	53,890	368,620
HYDROGEN-ION CONC. (PH)													
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			12,660	10,370	16,740	14,370	16,610	11,200	13,960	15,000	10,000	14,660	135,570
HYDROGEN-ION CONC. (PH)													
HEXAVALENT CR													
CONCENTRATION (PPM)			1.92	.91	1.35	1.64	1.58	1.10	1.80	2.04	.66	2.45	1.60
WEIGHT (POUNDS)			203	79	189	197	219	103	209	255	55	300	1,809
HYPOCHLORITE													
CONCENTRATION (PPM)			1.67	3.12	1.99	1.61	1.82	1.02	1.96	2.10	.99	1.87	1.83
WEIGHT (POUNDS)			176	270	279	193	252	95	229	263	82	229	2,068
PHOSPHATE ION													
CONCENTRATION (PPM)			4.04	1.52	2.24	2.70	2.59	1.96	3.08	3.32	1.08	4.01	2.73
WEIGHT (POUNDS)			427	131	313	324	359	183	359	416	90	490	3,092

TRA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SLIMICIDE J-9													
CONCENTRATION (PPM)			2.37						2.15				.44
WEIGHT (POUNDS)			250						250				500
SULFATE ION													
CONCENTRATION (PPM)			931.28	877.41	901.22	703.63	961.25	395.20	755.64	943.20	286.95	885.05	789.41
WEIGHT (POUNDS)			98,389	75,931	125,899	84,380	133,242	36,938	88,032	118,067	23,946	108,277	893,101
TDS													
CONCENTRATION (PPM)			984.00	1111.00	1146.00	842.00	1081.00	1109.00	1054.00	1077.00	1009.00	1003.00	1,040.37
WEIGHT (POUNDS)			103,770	95,970	159,803	100,789	149,569	103,465	122,566	134,571	84,050	122,484	1,177,037
ZINC ION													
CONCENTRATION (PPM)			1.14	1.48	2.25	2.77	2.71	1.51	2.74	3.48	1.13	4.19	2.45
WEIGHT (POUNDS)			121	128	315	332	375	141	319	435	94	513	2,773
SEWAGE PLANT SURFACE													
VOLUME (GAL. IN 1000)			943	678	799	1,050	945	1,127	1,115	807	1,017	826	9,307
HYDROGEN-ION CONC. (PH)			7.6	7.4	7.6	7.7	7.6	7.6	7.7	7.8	7.9	7.8	7.7
HYPOCHLORITE													
CONCENTRATION (PPM)			8.57	9.49	9.14	7.70	8.56	7.41		.65	7.69	9.47	6.69
WEIGHT (POUNDS)			67	54	61	67	67	70		4	65	65	520
WARM WASTE [illegible] SURFACE													
VOLUME (GAL. IN 1000)								14,130			13,790		27,920
HYDROGEN-ION CONC. (PH)													
HEXAVALENT CR													
CONCENTRATION (PPM)								1.11			.66		.88
WEIGHT (POUNDS)								130			76		206
HYPOCHLORITE													
CONCENTRATION (PPM)								1.02			.99		1.00
WEIGHT (POUNDS)								120			114		234
PHOSPHATE ION													
CONCENTRATION (PPM)								1.96			1.08		1.52
WEIGHT (POUNDS)								231			124		355
SULFATE ION													
CONCENTRATION (PPM)								395.19			287.28		341.90
WEIGHT (POUNDS)								46,600			33,061		79,661

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
ZINC ION													
CONCENTRATION (PPM)								1.51			1.13		1.32
WEIGHT (POUNDS)								170			130		300

TRA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID			448.0	350.0	324.0	324.0	324.0	350.0	512.0	520.0	450.0	520.0	4,122.0
2 Y SOLID			180.0	15.0	9.0	9.0	9.0	15.0	12.0	12.0	12.0	12.0	285.0
3 Y SOLID				12.0				12.0	12.0				36.0
4 Y SOLID				8.0				8.0	4.0				20.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID			448.0	350.0	324.0	324.0	324.0	350.0	512.0	520.0	450.0	520.0	4,122.0
2 Y SOLID			180.0	15.0	9.0	9.0	9.0	15.0	12.0	12.0	12.0	12.0	285.0
3 Y SOLID				12.0				12.0	12.0				36.0
4 Y SOLID				8.0				8.0	4.0				20.0

TRA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)						186,000							186,000
1 WATER PUMPED (GAL)			137,000	81,560	145,500		56,510	47,170	91,000	77,630	77,630	109,300	823,300
3 WATER PUMPED (GAL)							86,800	53,310	37,190	36,540	36,540	50,960	301,340
4 WATER PUMPED (GAL)				39,580	10,230		370	28,980	7,618	14,740	14,740		116,258
TOTAL WATER PUMPED (GAL)			137,000	121,140	155,730	186,000	143,680	129,460	135,808	128,910	128,910	160,260	1,426,898
WATER DISPOSAL													
AIR (GAL)				10,480	64,090	105,200	62,080	43,280	46,350	51,470	32,180	56,900	472,030
SURFACE (GAL)			4,831	35,790	38,460	65,290	35,980	47,870	41,220	47,880	66,420	58,650	442,391
SUBSURFACE (GAL)			12,660	10,370	16,740	14,370	16,610	11,200	13,960	15,000	1,000	14,660	126,570
SEWAGE DATA													
BUILD VOLUME (GAL)			943	678	799	1,050	945	1,127	1,115	807	1,017	826	9,307
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)			57.4	68.6	46.4	48.6	37.5	42.8	43.2	25.6	31.9	28.4	43.0
FINAL CONC. (PPM)			17.0	19.5	17.7	16.6	15.3	9.6	10.8	15.1	15.3	19.8	15.7
% REMOVED			70.4	71.6	61.9	65.8	59.2	77.6	75.0	41.0	52.0	30.3	63.5
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)			2.8	3.5	3.4	2.1	1.6	2.8	3.1	2.5	2.8	2.5	2.7
FINAL CONC. (ML/L)			.09	.30	.38	.12	.06	.08	.08	.10	.06	.09	.14
% REMOVED			96.8	91.4	88.8	94.3	96.3	97.1	97.4	96.0	97.9	96.4	94.8
PH-FINAL			7.6	7.4	7.6	7.7	7.6	7.6	7.7	7.8	7.9	7.8	7.7
TOTAL SEWAGE VOL. (GAL)			943	678	799	1,050	945	1,127	1,115	807	1,017	826	9,307
TOTAL WATER DISPOSED (GAL)			18,434	57,318	120,089	185,910	115,615	103,477	102,645	115,157	100,617	131,036	1,050,298
ACCOUNTABILITY (%)			13.5	47.3	77.1	100.0	80.5	79.9	75.6	89.3	78.1	81.8	73.6

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

TRA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

PG 1 RPT 108-I
TRA

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
DIESEL													
VOLUME (GAL)			30	14	28	26	48	32	34	47	36	52	347
SO2 (LBS)			1		1	1	1	1	1	1	1	1	9
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)			2							1			3
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 6													
VOLUME (GAL)			138	112	142	18	33	40	67	84	110	163	907
SO2 (LBS)			52	42	53	7	12	15	25	31	41	61	339
NOX (LBS)													
PARTICULATES (LBS)			2	1	2			1	1	1	1	2	11
GRAND TOTALS													
SO2 (LBS)			53	42	54	8	13	16	26	32	42	62	348
NOX (LBS)													
PARTICULATES (LBS)			2	1	2			1	1	1	1	2	11

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

PBF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ 154 WEIGHT (POUNDS)			63										63
CHLORIDE ICN WEIGHT (POUNDS)											38		38
SODIUM ICN WEIGHT (POUNDS)			216	216	43	36	36		72	36	25		680
SULFATE ION WEIGHT (POUNDS)			42		88						88		218
SULFITE ION WEIGHT (POUNDS)				527			88		175	88			878
SULFUR DIOXIDE WEIGHT (POUNDS)			15										15

PBF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
CFEP DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			63	15	3	3	3		6	83	3		179
HYDROGEN-ION CONC. (PH)													
BETZ 194													
CONCENTRATION (PPM)			119.83										42.17
WEIGHT (POUNDS)			63										63
CHLORIDE ION													
CONCENTRATION (PPM)											1515.34		25.44
WEIGHT (POUNDS)											38		38
SODIUM ION													
CONCENTRATION (PPM)			410.13	1723.45	1726.73	1438.35	1435.46		1435.46	51.88	981.10		455.22
WEIGHT (POUNDS)			216	216	43	36	36		72	36	25		680
SULFATE ION													
CONCENTRATION (PPM)			79.14		3519.39						3519.39		145.94
WEIGHT (POUNDS)			42		88						88		218
SULFITE ION													
CONCENTRATION (PPM)				4207.58	7.27	5.03	3505.01		3505.01	126.69			587.76
WEIGHT (POUNDS)				527			88		175	88			878
SULFUR DIOXIDE													
CONCENTRATION (PPM)			28.53										10.04
WEIGHT (POUNDS)			15										15
WARM WASTE WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			16	39	12		22		11	2	12	6	120
HYDROGEN-ION CONC. (PH)													

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IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

PBF INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

PG 1 RPT 136-I
PBF

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID			498.0	750.0	300.0	300.0	300.0	200.0	191.0	28.0	28.0	28.0	2,623.0
4 Y SOLID				12.0				12.0					24.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID			498.0	750.0	300.0	300.0	300.0	200.0	191.0	28.0	28.0	28.0	2,623.0
4 Y SOLID				12.0				12.0					24.0

PBF WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)				1,731			988						2,719
1 WATER PUMPED (GAL)			660		256	534		1,649	290	119	199	198	3,905
2 WATER PUMPED (GAL)			333		361	424		578	479	171	65	67	2,478
TOTAL WATER PUMPED (GAL)			993	1,731	617	958	988	2,227	769	290	264	265	9,102
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)			79		15	3	25	12	17	85	15	6	257
SEWAGE DATA													
BUILD VOLUME (GAL)													
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL													
TOTAL SEWAGE VOL. (GAL)													
TOTAL WATER DISPOSED (GAL)			79		15	3	25	12	17	85	15	6	257
ACCOUNTABILITY (%)			8.0		2.4	.3	2.5	.5	2.2	29.3	5.7	2.3	2.8

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
ARTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

PBF FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

G 1 RPT 138-I
PBF

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE / EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)			10		3					2		13	28
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEPTIC TANK SUBSURFACE													
VOLUME (GAL. IN 1000)													
HYDROGEN-ION CONC. (PH)													

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

ARA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	VOLUME OR WEIGHT BY MONTH JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
CFA LANDFILL													
DISPOSED WASTE													
L Y SOLID													
GRAND TOTALS													
DISPOSED WASTE													
L Y SOLID													

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

ARA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
2 WATER PUMPED (GAL)						448	453	511	358	366	309	468	2,913
3 WATER PUMPED (GAL)						1,974	2,311	1,825	1,455	1,846	1,989	2,021	13,421
TOTAL WATER PUMPED (GAL)						2,422	2,764	2,336	1,813	2,212	2,298	2,489	16,334
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)													
SEWAGE DATA													
BUILD VOLUME (GAL)													
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)						.1	.1	.1	.1	.1	.1	.1	.1
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)						.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)						.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL													
TOTAL SEWAGE VOL. (GAL)													
TOTAL WATER DISPOSED (GAL)													
ACCOUNTABILITY (%)													

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IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NATS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

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ARA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
KEROSENE													
VOLUME (GAL)													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 2													
VOLUME (GAL)										2	3	8	13
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
GRAND TOTALS													
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CALCIUM ION WEIGHT (POUNDS)			17	15	5	11	10	11	9	10	15	13	120
CHLORIDE ION WEIGHT (POUNDS)			2,489	1,153	1,168	1,335	1,153	1,700	971	1,942	804	2,216	14,931
HYPOCHLORITE WEIGHT (POUNDS)			44	40	22	28	25	29	22	26	38	33	307
NITRATE ION WEIGHT (POUNDS)			4										4
PHOSPHATE ION WEIGHT (POUNDS)			12	12	13	8	5	5	7	12	21	19	114
SODIUM ION WEIGHT (POUNDS)			1,760	1,021	1,027	1,037	772	1,240	928	1,522	935	1,891	12,133
SULFATE ION WEIGHT (POUNDS)			388	308	416	524	622	426	950	803	1,190	1,346	6,973
SULFITE ION WEIGHT (POUNDS)			27	36	39	23	13	13	17	35	48	48	299

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			1,422	1,283	1,485	3,686	3,083	3,117	3,961	2,616	2,051	1,187	23,891
HYDROGEN-ION CONC. (PH)													
CALCIUM ION													
CONCENTRATION (PPM)			1.43	1.44	.71	.35	.38	.44	.26	.46	.87	1.30	.60
WEIGHT (POUNDS)			17	15	9	11	10	11	9	10	15	13	120
CHLORIDE ION													
CONCENTRATION (PPM)			184.14	79.37	60.00	29.60	35.39	46.67	12.85	61.17	25.71	186.90	54.49
WEIGHT (POUNDS)			2,185	850	744	910	910	1,214	425	1,335	440	1,851	10,864
HYPOCHLORITE													
CONCENTRATION (PPM)			3.67	3.71	1.81	.90	.97	1.12	.67	1.18	2.24	3.33	1.54
WEIGHT (POUNDS)			44	40	22	28	25	29	22	26	38	33	307
NITRATE ION													
CONCENTRATION (PPM)			.32										.02
WEIGHT (POUNDS)			4										4
PHOSPHATE ION													
CONCENTRATION (PPM)			.29	.33	.32	.10	.12	.12	.11	.17	.36	.63	.20
WEIGHT (POUNDS)			3	3	4	3	3	3	4	4	6	6	39
SODIUM ION													
CONCENTRATION (PPM)			129.38	74.93	58.30	24.07	23.26	34.97	16.80	46.95	35.69	163.02	45.72
WEIGHT (POUNDS)			1,535	802	722	741	599	910	556	1,025	611	1,615	9,116
SULFATE ION													
CONCENTRATION (PPM)			30.94	28.80	31.92	15.91	22.83	15.05	27.69	24.22	60.69	135.89	31.94
WEIGHT (POUNDS)			367	308	396	489	587	392	915	529	1,039	1,346	6,368
SULFITE ION													
CONCENTRATION (PPM)				.83	.82	.29	.25	.24	.23	.44	.93	1.60	.45
WEIGHT (POUNDS)				9	10	9	6	6	8	10	16	16	90
LOFT DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			192	171	253	311	394	845	455	375	320	643	3,959
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)			113.53	127.76	114.82	93.58		34.43	63.92	77.59	90.81	45.25	62.48
WEIGHT (POUNDS)			182	182	243	243		243	243	243	243	243	2,065

TAN LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
PHOSPHATE ION													
CONCENTRATION (PPM)			2.18	2.45	1.89					1.60	2.80	.93	.82
WEIGHT (POUNDS)			3	3	4					5	7	5	27
SODIUM ION													
CONCENTRATION (PPM)			78.50	88.34	78.47	60.59		22.29	41.38	54.31	67.68	33.36	42.94
WEIGHT (POUNDS)			126	126	166	157		157	157	170	181	179	1,419
SULFITE ION													
CONCENTRATION (PPM)			5.94	6.68	4.80					5.07	5.94	3.55	2.45
WEIGHT (POUNDS)			10	10	10					16	16	19	81
LPT DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			653	745	818	1,033	876	816	645	636	576	455	7,253
HYDROGEN-ION CONC. (PH)													
CHLORIDE ION													
CONCENTRATION (PPM)			22.28	19.53	26.67	21.12	33.23	35.67	56.38	68.65	25.27	32.01	33.07
WEIGHT (POUNDS)			121	121	182	182	243	243	303	364	121	121	2,001
PHOSPHATE ION													
CONCENTRATION (PPM)			1.01	.88	.73	.58	.34	.37	.70	.71	1.56	1.98	.76
WEIGHT (POUNDS)			5	5	5	5	2	2	4	4	7	7	46
SODIUM ION													
CONCENTRATION (PPM)			18.15	14.93	20.28	16.20	23.64	25.39	39.90	61.71	29.86	25.60	26.43
WEIGHT (POUNDS)			99	93	139	140	173	173	215	327	143	97	1,599
SULFATE ION													
CONCENTRATION (PPM)			3.77		3.01	3.97	4.69	5.03	6.36	51.67	31.59		9.98
WEIGHT (POUNDS)			21		21	34	34	34	34	274	152		604
SULFITE ION													
CONCENTRATION (PPM)			3.26	2.86	2.79	1.62	.87	.93	1.77	1.80	3.30	3.35	2.15
WEIGHT (POUNDS)			18	18	19	14	6	6	10	10	16	13	130

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IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

TAN INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID			250.0	150.0	150.0	150.0	150.0	150.0	262.0	217.0	215.0	217.0	1,911.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID			250.0	150.0	150.0	150.0	150.0	150.0	262.0	217.0	215.0	217.0	1,911.0

TAN WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
LO1 WATER PUMPED (GAL)			187	26	1	157	164	294	231	334	124	302	1,820
LO2 WATER PUMPED (GAL)			5	145	252	154	230	551	225	41	197	342	2,142
LPT WATER PUMPED (GAL)			653	745	818	1,033	876	816	645	636	576	455	7,253
TF1 WATER PUMPED (GAL)			768	642	635	1,920	1,522	2,748	1,839	1,346	935	624	12,979
TF2 WATER PUMPED (GAL)			654	642	850	1,765	1,561	369	2,123	1,270	1,117	564	10,915
TOTAL WATER PUMPED (GAL)			2,267	2,200	2,556	5,029	4,353	4,778	5,063	3,627	2,949	2,287	35,109
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)			1,946	1,932	2,313	4,839	3,973	4,194	4,531	3,212	2,719	2,058	31,717
SEWAGE DATA													
BUILD VOLUME (GAL)			320	267	244	190	379	584	528	415	228	227	3,382
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)			16.6	27.5	21.4	25.5	34.9	20.2	22.8	30.5	30.6	32.2	26.2
FINAL CONC. (PPM)			5.9	10.0	11.9	10.5	11.1	7.7	4.5	5.2	4.3	6.1	7.7
% REMOVED			64.5	63.6	44.4	58.8	68.2	61.9	80.3	83.0	85.9	81.1	70.6
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)					.3	.1	.1	.1					.2
FINAL CONC. (ML/L)			.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
% REMOVED					83.3	50.0	50.0	50.0					75.0
PH-FINAL			7.2	7.0	7.2	7.1	7.0	7.3	7.0	7.0	7.2	7.1	7.1
TOTAL SEWAGE VOL. (GAL)			320	267	244	190	379	584	528	415	228	227	3,382
TOTAL WATER DISPOSED (GAL)			2,266	2,199	2,557	5,029	4,352	4,778	5,059	3,627	2,947	2,285	35,099
ACCOUNTABILITY (%)			100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0	99.9	99.9	100.0

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

TAN FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)			1								1		2
SO2 (LBS)													
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)					7	6	1	1	5	5	10	23	58
SO2 (LBS)					2	2			1	1	2	6	14
NOX (LBS)													
PARTICULATES (LBS)												1	1
TYPE 6													
VOLUME (GAL)			86	60	54	42	13	9	32	52	88	78	514
SO2 (LBS)			32	23	20	16	5	3	12	19	33	29	192
NOX (LBS)													
PARTICULATES (LBS)			1	1	1	1				1	1	1	7
GRAND TOTALS													
SO2 (LBS)			32	23	22	18	5	3	13	20	35	35	206
NOX (LBS)													
PARTICULATES (LBS)			1	1	1	1				1	1	2	8

CFA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
AUTO CLEANERS WEIGHT (POUNDS)			288	160	160	160	280	320	360	200	360	400	2,688
CHLORIDE ION WEIGHT (POUNDS)						2,002	1,699		1,214	1,214	1,214	2,427	9,770
HYPOCHLORITE WEIGHT (POUNDS)			128	111	102	129	120	131	123	128	136	117	1,225
LAUNDRY PRODUCTS WEIGHT (POUNDS)			115	100	100	100	50	60	75	100	100	100	900
SOAP WEIGHT (POUNDS)			1,000	2,070	1,830	1,436	1,385	1,950	1,660	1,700	1,620	1,900	16,551
SODIUM ION WEIGHT (POUNDS)						1,298	1,101		786	786	786	1,573	6,330
SPRA-SAF WEIGHT (POUNDS)					100	100	100	100	100	100	100	100	800

CFA LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEWAGE PLANT SUBSURFACE													
VOLUME (GAL. IN 1000)			3,551	3,359	3,512	3,081	3,229	3,061	3,017	3,173	3,096	3,338	32,417
HYDROGEN-ION CONC. (PH)			7.6	7.5	7.6	7.7	7.8	7.7	8.0	7.9	7.9	7.9	7.8
ALTC CLEANERS													
CONCENTRATION (PPM)			9.72	5.71	5.46	6.22	10.39	12.53	14.30	7.55	13.93	14.36	9.94
WEIGHT (POUNDS)			288	160	160	160	280	320	360	200	360	400	2,688
CHLORIDE ION													
CONCENTRATION (PPM)						77.88	63.05		48.20	45.83	46.97	87.13	36.11
WEIGHT (POUNDS)						2,002	1,699		1,214	1,214	1,214	2,427	9,770
HYPOCHLORITE													
CONCENTRATION (PPM)			4.31	3.96	3.47	5.02	4.47	5.11	4.87	4.85	5.28	4.19	4.53
WEIGHT (POUNDS)			128	111	102	129	120	131	123	128	136	117	1,225
LAUNDRY PRODUCTS													
CONCENTRATION (PPM)			3.88	3.57	3.41	3.89	1.86	2.35	2.98	3.78	3.87	3.59	3.33
WEIGHT (POUNDS)			115	100	100	100	50	60	75	100	100	100	900
SOAP													
CONCENTRATION (PPM)			33.75	73.85	62.44	55.85	51.40	76.34	65.93	64.20	62.70	68.21	61.18
WEIGHT (POUNDS)			1,000	2,070	1,830	1,436	1,385	1,950	1,660	1,700	1,620	1,900	16,551
SODIUM ION													
CONCENTRATION (PPM)						50.47	40.86		31.23	29.70	30.44	56.46	23.40
WEIGHT (POUNDS)						1,298	1,101		786	786	786	1,573	6,330
SPRA-SAF													
CONCENTRATION (PPM)					3.41	3.89	3.71	3.91	3.97	3.78	3.87	3.59	2.96
WEIGHT (POUNDS)					100	100	100	100	100	100	100	100	800

SCHED. NO. IAF6162-B

IDAHO OPERATIONS OFFICE
J.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CFA INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
			VOLUME OR WEIGHT BY MONTH										
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID			728.0	402.0	368.0	378.0	380.0	414.0	624.0	746.0	646.0	746.0	5,432.0
2 Y SOLID			180.0	133.0	72.0	72.0	70.0	133.0	32.0	38.0	33.0	38.0	801.0
4 Y SOLID				48.0				48.0					96.0
RTS ROADS													
DISPOSED WASTE													
6 K LIQUID WASTE OIL						6,000.0	2,000.0	12,000.0					20,000.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID			728.0	402.0	368.0	378.0	380.0	414.0	624.0	746.0	646.0	746.0	5,432.0
2 Y SOLID			180.0	133.0	72.0	72.0	70.0	133.0	32.0	38.0	33.0	38.0	801.0
4 Y SOLID				48.0				48.0					96.0
6 K LIQUID						6,000.0	2,000.0	12,000.0					20,000.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CFA WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)			9	12	1,591	4,136	14,900	6,461	5	5	1	213	27,333
2 WATER PUMPED (GAL)			6,429	6,397	9,287	9,600		7,578	8,792	7,215	6,629	6,825	68,752
TOTAL WATER PUMPED (GAL)			6,438	6,409	10,878	13,736	14,900	14,039	8,797	7,220	6,630	7,038	96,085
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)			308	342	195	253	225	241	208	250	251	223	2,496
SEWAGE DATA													
BUILD VOLUME (GAL)			3,243	3,018	3,317	2,827	3,005	2,820	2,809	2,923	2,846	3,115	29,923
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)			24.3	45.5	19.8	50.7	37.2	24.7	48.2	30.8	46.4	36.4	36.4
FINAL CONC. (PPM)			2.2	4.6	7.5	6.6	5.4	3.9	6.3	7.8	7.5	9.8	6.2
% REMOVED			90.9	89.9	62.1	87.0	85.5	84.2	86.9	74.7	83.8	73.1	83.0
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)			3.5	3.0	4.4	1.5	2.9	3.2	2.6	2.8	4.0	3.3	3.1
FINAL CONC. (ML/L)			.05	.06	.19	.07	.15	.05	.06	.05	.66	.06	.14
% REMOVED			98.6	98.0	95.7	95.3	94.8	98.4	97.7	98.2	83.5	98.2	95.5
PH-FINAL			7.6	7.5	7.6	7.7	7.8	7.7	8.0	7.9	7.9	7.9	7.8
TOTAL SEWAGE VOL. (GAL)			3,243	3,018	3,317	2,827	3,005	2,820	2,809	2,923	2,846	3,115	29,923
TOTAL WATER DISPOSED (GAL)			3,551	3,360	3,512	3,080	3,230	3,061	3,017	3,173	3,097	3,338	32,419
ACCOUNTABILITY (%)			55.2	52.4	32.3	22.4	21.7	21.8	34.3	43.9	46.7	47.4	33.7

SCHED. NO. IAF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CFA FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)			22	15	8	3			2	19	14	18	101
SO2 (LBS)			1							1			2
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 5													
VOLUME (GAL)			53	61	20	50	7	14	15	65	67	97	449
SO2 (LBS)			13	15	5	12	2	3	4	16	17	24	111
NOX (LBS)													
PARTICULATES (LBS)			2	3	1	2		1	1	3	3	4	20
GRAND TOTALS													
SO2 (LBS)			14	15	5	12	2	3	4	17	17	24	113
NOX (LBS)													
PARTICULATES (LBS)			2	3	1	2		1	1	3	3	4	20

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CPP LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
CALCIUM ION WEIGHT (POUNDS)			3	3	3	3	3	3	3	3	3	3	30
CHLORIDE ION WEIGHT (POUNDS)			72,840	64,949	65,556	95,906	52,809	26,101	41,883	54,023	38,848	21,852	534,767
HYPOCHLORITE WEIGHT (POUNDS)			9	9	8	7	9	8	8	9	7	9	83
PHOSPHATE ION WEIGHT (POUNDS)			75	50	50	50	50	25	25	50	25	50	450
SODIUM ION WEIGHT (POUNDS)			47,834	42,620	42,962	62,678	34,472	17,191	27,452	35,367	25,465	14,681	350,722
SULFATE ION WEIGHT (POUNDS)			10,475	6,586	8,083	10,475	6,060	4,116	11,973	6,657		9,056	73,481
SULFITE ION WEIGHT (POUNDS)			127	127	63	127	63	63	63	127	63	127	950
TDS WEIGHT (POUNDS)			209,372	158,420	139,608	221,181		13,400	119,463	134,481	116,829	93,109	1,205,863

CPP LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
DISPOSAL WELL SUBSURFACE													
VOLUME (GAL. IN 1000)			31,340	25,700	24,360	32,700	28,070	6,409	24,390	24,610	20,180	21,050	238,809
HYDROGEN-ION CONC. (PH)			8.0	8.5	8.4	8.8	8.8	7.9	8.1	8.0	7.9	7.8	8.2
CHLORIDE ION													
CONCENTRATION (PPM)			278.51	302.83	322.48	351.45	225.44	488.01	205.77	263.05	230.68	124.39	268.33
WEIGHT (POUNDS)			72,840	64,949	65,556	95,906	52,809	26,101	41,883	54,023	38,848	21,852	534,767
PHOSPHATE ION													
CONCENTRATION (PPM)			.29	.23	.25	.18	.21	.47	.12	.24	.15	.28	.23
WEIGHT (POUNDS)			75	50	50	50	50	25	25	50	25	50	450
SODIUM ION													
CONCENTRATION (PPM)			182.90	198.72	211.34	229.68	147.16	321.41	134.88	172.21	151.22	83.58	175.98
WEIGHT (POUNDS)			47,834	42,620	42,962	62,678	34,472	17,191	27,452	35,367	25,465	14,681	350,722
SULFATE ION													
CONCENTRATION (PPM)			40.05	30.71	39.76	38.39	25.87	76.95	58.82	32.41		51.55	36.87
WEIGHT (POUNDS)			10,475	6,586	8,083	10,475	6,060	4,116	11,973	6,657		9,056	73,481
SULFITE ION													
CONCENTRATION (PPM)			.49	.59	.31	.47	.27	1.19	.31	.62	.38	.72	.48
WEIGHT (POUNDS)			127	127	63	127	63	63	63	127	63	127	950
TDS													
CONCENTRATION (PPM)			802.00	740.00	688.00	812.00		251.00	588.00	656.00	695.00	531.00	605.08
WEIGHT (POUNDS)			209,372	158,420	139,608	221,181		13,400	119,463	134,481	116,829	93,109	1,205,863
SEWAGE PLANT SUBSURFACE													
VOLUME (GAL. IN 1000)			404	402	531	558	557	691	525	467	735	702	5,572
HYDROGEN-ION CONC. (PH)			7.4	7.4	7.5	7.7	7.6	7.6	7.7	7.7	7.8	7.8	7.6
CALCIUM ION													
CONCENTRATION (PPM)			.99	1.00	.67	.56	.72	.52	.68	.86	.42	.57	.65
WEIGHT (POUNDS)			3	3	3	3	3	3	3	3	3	3	30
HYPOCHLORITE													
CONCENTRATION (PPM)			2.55	2.56	1.73	1.44	1.85	1.33	1.75	2.21	1.09	1.47	1.78
WEIGHT (POUNDS)			9	9	8	7	9	8	8	9	7	9	83

SCHED. NO. INF6162-B

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CPP INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID			526.0	350.0	300.0	300.0	300.0	350.0	278.0	229.0	203.0	229.0	3,065.0
4 Y SOLID				28.0				28.0					56.0
5 Y SOLID				3.0				3.0					6.0
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID			526.0	350.0	300.0	300.0	300.0	350.0	278.0	229.0	203.0	229.0	3,065.0
4 Y SOLID				28.0				28.0					56.0
5 Y SOLID				3.0				3.0					6.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CPP WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
WATER PUMPED (GAL)			33,420		26,130	34,920	30,060		26,160	26,330	21,960	22,840	221,820
2 WATER PUMPED (GAL)				28,000				10,760					38,760
TOTAL WATER PUMPED (GAL)			33,420	28,000	26,130	34,920	30,060	10,760	26,160	26,330	21,960	22,840	260,580
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)													
SUBSURFACE (GAL)			31,340	25,700	24,360	32,700	28,070	6,409	24,390	24,610	20,180	21,050	238,809
SEWAGE DATA													
BUILD VOLUME (GAL)			404	402	531	558	557	691	525	467	735	702	5,572
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)			65.4	64.0	57.8	54.0	39.5	50.5	65.6	55.4	49.9	44.3	54.6
FINAL CONC. (PPM)			8.4	13.7	15.8	17.4	14.5	11.2	14.9	13.9	11.8	14.3	13.6
% REMOVED			87.2	78.6	72.7	67.8	63.3	77.8	77.3	74.9	76.4	67.7	75.1
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)			1.3	.7	.8	2.0	1.0	.9	1.2	1.1	1.4	1.2	1.2
FINAL CONC. (ML/L)			.06	.05	.08	.05	.05	.05	.05	.05	.05	.09	.06
% REMOVED			95.4	92.9	90.0	97.5	95.0	94.4	95.8	95.5	96.4	92.5	95.0
PH-FINAL			7.4	7.4	7.5	7.7	7.6	7.6	7.7	7.7	7.8	7.8	7.6
TOTAL SEWAGE VOL. (GAL)			404	402	531	558	557	691	525	467	735	702	5,572
TOTAL WATER DISPOSED (GAL)			31,744	26,102	24,891	33,258	28,627	7,100	24,915	25,077	20,915	21,752	244,381
ACCOUNTABILITY (%)			95.0	93.2	95.3	95.2	95.2	66.0	95.2	95.2	95.2	95.2	93.8

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

CPP FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 2													
VOLUME (GAL)										114	186	227	527
SO2 (LBS)										3	5	6	14
NOX (LBS)													
PARTICULATES (LBS)													
TYPE 6													
VOLUME (GAL)			209	161	133	158	82	64	94	47			948
SO2 (LBS)			78	60	50	59	31	24	35	18			355
NOX (LBS)													
PARTICULATES (LBS)			3	2	2	2	1	1	1	1			13
GRAND TOTALS													
SO2 (LBS)			78	60	50	59	31	24	35	21	5	6	369
NOX (LBS)													
PARTICULATES (LBS)			3	2	2	2	1	1	1	1			13

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

NRF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BIOCIDE C-2 WEIGHT (POUNDS)				1,059	518	7,078	7,078	235	235	235	235		16,673
CHLORIDE ION WEIGHT (POUNDS)			26,708	29,015	26,708	26,587	26,587	26,587	26,587	26,587	26,708	26,708	268,782
PHOSPHATE ION WEIGHT (POUNDS)			31	308	847	1,780	2,760	2,386	1,135	1,061	425	83	10,816
SLIMICIDE A-9 WEIGHT (POUNDS)			109	115	229	229	229	229	229				1,369
SLIMICIDE J-9 WEIGHT (POUNDS)			46	46	92	92	92	92	92				552
SODIUM ION WEIGHT (POUNDS)			19,161	20,679	18,253	18,035	18,312	18,104	18,107	17,806	18,437	18,479	185,373
SULFATE ION WEIGHT (POUNDS)			15,644	19,022	13,882	18,229	18,170	26,707	9,777	9,218	9,294	4,934	144,877
SULFITE ION WEIGHT (POUNDS)				17	95	78	77	81	86	66	11	14	525
TDS WEIGHT (POUNDS)				48,674	41,126	31,487	24,275	38,364	119,435	51,286	137,612		492,259

NRF LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SEWAGE POND SURFACE													
VOLUME (GAL. IN 1000)			1,233	1,713	1,218	924	969	1,021	1,070	1,034	1,086	1,426	11,694
HYDROGEN-ION CONC. (PH)			7.2	8.1	10.0	8.7	7.7	8.7	7.9	8.2	8.0	7.4	8.2
WASTE DITCH SURFACE													
VOLUME (GAL. IN 1000)			2,406	5,046	4,693	3,384	4,990	5,852	11,830	8,563	11,800	1,127	59,691
HYDROGEN-ION CONC. (PH)			8.3	7.1	7.5	7.2	7.7	6.5	7.6	7.4	7.5	6.8	7.4
BIOCIDE C-2													
CONCENTRATION (PPM)				25.15	13.23	250.64	169.97	4.81	2.38	3.29	2.39		33.47
WEIGHT (POUNDS)				1,059	518	7,078	7,078	235	235	235	235		16,673
CHLORIDE ION													
CONCENTRATION (PPM)			1330.18	689.02	681.95	941.45	638.45	544.40	269.30	372.05	271.22	2839.75	539.58
WEIGHT (POUNDS)			26,708	29,015	26,708	26,587	26,587	26,587	26,587	26,587	26,708	26,708	268,782
PHOSPHATE ION													
CONCENTRATION (PPM)			1.52	7.32	21.64	63.04	66.28	48.86	11.50	14.85	4.32	8.83	21.71
WEIGHT (POUNDS)			31	308	847	1,780	2,760	2,386	1,135	1,061	425	83	10,816
SLIMICIDE A-9													
CONCENTRATION (PPM)			5.43	2.73	5.85	8.11	5.50	4.69	2.32				2.75
WEIGHT (POUNDS)			109	115	229	229	229	229	229				1,369
SLIMICIDE J-9													
CONCENTRATION (PPM)			2.29	1.09	2.35	3.26	2.21	1.88	.93				1.11
WEIGHT (POUNDS)			46	46	92	92	92	92	92				552
SODIUM ION													
CONCENTRATION (PPM)			954.29	491.07	466.08	638.64	439.74	370.71	183.41	249.17	187.22	1964.77	372.14
WEIGHT (POUNDS)			19,161	20,679	18,253	18,035	18,312	18,104	18,107	17,806	18,437	18,479	185,373
SULFATE ION													
CONCENTRATION (PPM)			779.16	451.72	354.46	645.50	436.34	546.87	99.04	129.00	94.38	524.63	290.84
WEIGHT (POUNDS)			15,644	19,022	13,882	18,229	18,170	26,707	9,777	9,218	9,294	4,934	144,877
SULFITE ION													
CONCENTRATION (PPM)				.39	2.43	2.75	1.86	1.65	.87	.92	.11	1.49	1.05
WEIGHT (POUNDS)				17	95	78	77	81	86	66	11	14	525
TDS													
CONCENTRATION (PPM)				1158.00	1052.00	1117.00	584.00	787.00	1212.00	719.00	1400.00		938.21
WEIGHT (POUNDS)				48,674	41,126	31,487	24,275	38,364	119,435	51,286	137,612		492,259

NRF INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
			VOLUME OR WEIGHT BY MONTH										
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID			900.0	750.0	600.0	600.0	600.0	750.0	774.0	958.0	814.0	958.0	7,704.0
2 Y SOLID			180.0	60.0	60.0	60.0	60.0	60.0	36.0	50.0	50.0	50.0	666.0
3 Y SOLID					14.8								14.8
5 Y SOLID					8.9								8.9
7 K LIQUID						55.0							55.0
PAINT THINNER													
8 K LIQUID							95.0						95.0
MORPHOLINE													
8 P SOLID							1,712.0						1,712.0
MISC CHEMICALS													
9 F SOLID			917.0	1,199.0	1,986.0	1,415.0	1,419.0	1,800.0	2,629.0	6,644.0	4,058.0	1,611.0	23,678.0
CONSTRUCTION WASTE													
CFA OIL DEPOT													
STORED WASTE													
6 K LIQUID								110.0					110.0
DIESEL OIL													
6 K LIQUID								220.0	195.0				415.0
LUBE OIL													
6 K LIQUID							45.0						45.0
MINERAL OIL													
6 K LIQUID				305.0	440.0	1,555.0		530.0	280.0				3,110.0
TURBINE OIL													
CFA SALVAGE													
STORED WASTE													
3 Y SOLID							61.6			26.7			88.3
5 Y SOLID							7.1	5.9		3.0			16.0
9 F SOLID									240.0				240.0
CONSTRUCTION MATERIALS													
NRF LANDFILL													
DISPOSED WASTE													
9 F SOLID			1,660.5	1,158.0	586.0	5,628.0	2,350.0	784.0	81.0				12,247.5
CONSTRUCTION WASTE													
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID			900.0	750.0	600.0	600.0	600.0	750.0	774.0	958.0	814.0	958.0	7,704.0
2 Y SOLID			180.0	60.0	60.0	60.0	60.0	60.0	36.0	50.0	50.0	50.0	666.0
3 Y SOLID					14.8								14.8
5 Y SOLID					8.9								8.9

NRF INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
GRAND TOTALS													
DISPOSED WASTE													
7 K LIQUID						55.0							55.0
8 K LIQUID							95.0						95.0
8 P SOLID							1,712.0						1,712.0
9 F SOLID			2,577.5	2,357.0	2,572.0	7,043.0	3,769.0	2,584.0	2,710.0	6,644.0	4,058.0	1,611.0	35,925.5
STORED WASTE													
3 Y SOLID							61.6			26.7			88.3
5 Y SOLID							7.1	5.9		3.0			16.0
6 K LIQUID				305.0	440.0	1,555.0	45.0	860.0	475.0				3,680.0
9 F SOLID									240.0				240.0

SCHED. NO. INF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

NRF WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

PG 1 RPT 307-1
NRF

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
SSG WATER PUMPED (GAL)				4,500	9,655	11,760	11,760	9,655	9,655	9,755	3,578		70,318
1 WATER PUMPED (GAL)			14,290	14,300	25,450	23,530	180,400	37,040	23,460	12,160	12,640	18,250	361,520
2 WATER PUMPED (GAL)			33	30	57	24	1,273	1,855	28	18	20	33	3,371
3 WATER PUMPED (GAL)			1,849	1,850	2,521	774	12,130	21,250	2,850	128	16	40	43,408
TOTAL WATER PUMPED (GAL)			16,172	20,680	37,683	36,088	205,563	69,800	35,993	22,061	16,254	18,323	478,617
WATER DISPOSAL													
AIR (GAL)													
SURFACE (GAL)			2,406	5,046	4,693	3,384	4,990	5,852	11,830	8,563	11,800	1,127	59,691
SUBSURFACE (GAL)													
SEWAGE DATA													
BUILD VOLUME (GAL)			1,233	1,713	1,218	924	969	1,021	1,070	1,034	1,086	1,426	11,694
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			30.6	19.7	13.8	21.7	11.3	37.4	27.4	28.4	31.0	46.1	26.7
% REMOVED													
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)													
FINAL CONC. (PPM)			.1	8.9	14.1	4.5	6.0	4.1	2.6	11.1	9.0	2.0	6.2
INCREASED FACTOR													
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL			7.2	8.1	9.9	8.7	7.7	8.7	7.9	8.2	8.0	7.4	8.2
TOTAL SEWAGE VOL. (GAL)			1,233	1,713	1,218	924	969	1,021	1,070	1,034	1,086	1,426	11,694
TOTAL WATER DISPOSED (GAL)			3,639	6,759	5,911	4,308	5,959	6,873	12,900	9,597	12,886	2,553	71,385
ACCOUNTABILITY (%)			22.5	32.7	15.7	11.9	2.9	9.8	35.8	43.5	79.3	13.9	14.9

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

NRF FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 6													
VOLUME (GAL)			213	194	119	105	92	75	112	179	166	291	1,546
SO2 (LBS)			76	69	42	37	32	27	40	63	59	103	548
NOX (LBS)													
PARTICULATES (LBS)			1	1	1	1	1	1	1	1	1	2	11
GRAND TOTALS													
SO2 (LBS)			76	69	42	37	32	27	40	63	59	103	548
NOX (LBS)													
PARTICULATES (LBS)			1	1	1	1	1	1	1	1	1	2	11

ANL AIRBORNE DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
COOLING TOWER													
VOLUME (CU.FT. IN 1000)				758						642	548	449	2,397

SCHED. NO. INF6166-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

ANL LIQUID DISPOSED SUBSTANCES SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

AREA GRAND TOTALS SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTALS
BETZ NEUTREEN WEIGHT (POUNDS)				64	48	48	48	48	40	48	48	96	488
BLEACH WEIGHT (POUNDS)				3									3
CIANCDIC 194 WEIGHT (POUNDS)				400	400	200	125	125	130	300	300	280	2,260
PHOSPHATE ION WEIGHT (POUNDS)												1	1
PHOTO LAB CHEMICAL WEIGHT (POUNDS)					1,640	1,840	2,176	1,976	180	160	180	150	8,302
SKAZCL WEIGHT (POUNDS)				240	200	160	160	160	160	200	200	216	1,696
SOAP WEIGHT (PCUNDS)				73									73
SODIUM ION WEIGHT (POUNDS)				604	324	360	180	173	180	396	468	397	3,082
SULFATE ION WEIGHT (POUNDS)				2,247	1,648	1,224	612	587	612	1,346	1,591	1,346	11,213
SULFITE ION WEIGHT (POUNDS)												2	2

RELEASE POINT DESCRIPTION / SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
FACILITY 775 SURFACE													
VOLUME (GAL. IN 1000)				265	244	253	248	267	273	235	202	235	2,222
HYDROGEN-ION CONC. (PH)				8.8	9.1	7.2	8.2	8.6	8.9	8.2	6.9		8.2
BLEACH													
CONCENTRATION (PPM)				1.36									.16
WEIGHT (POUNDS)				3									3
SKAZOL													
CONCENTRATION (PPM)				108.61	98.42	75.66	77.31	71.75	70.15	101.90	118.64	110.19	91.45
WEIGHT (POUNDS)				240	200	160	160	160	160	200	200	216	1,696
SOAP													
CONCENTRATION (PPM)				32.92									3.94
WEIGHT (POUNDS)				73									73
INDUSTRIAL POND 746 SURFACE													
VOLUME (GAL. IN 1000)				2,217	2,011	1,749	1,865	1,235	1,744	3,152	3,596	2,967	20,536
HYDROGEN-ION CONC. (PH)				6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
BETZ NEUTREEN													
CONCENTRATION (PPM)				3.46	2.86	3.29	3.08	4.66	2.75	1.82	1.60	3.88	2.85
WEIGHT (POUNDS)				64	48	48	48	48	40	48	48	96	488
DIANODIC 194													
CONCENTRATION (PPM)				21.62	23.83	13.70	8.03	12.13	8.93	11.41	10.00	11.31	13.19
WEIGHT (POUNDS)				400	400	200	125	125	130	300	300	280	2,260
PHOSPHATE ION													
CONCENTRATION (PPM)				.02	.01		.02	.02	.02	.01	.01	.05	.01
WEIGHT (POUNDS)												1	1
PHOTO LAB CHEMICAL													
CONCENTRATION (PPM)					97.72	126.06	139.81	191.73	12.37	6.08	6.00	6.06	48.44
WEIGHT (POUNDS)					1,640	1,840	2,176	1,976	180	160	180	150	8,302
SODIUM ION													
CONCENTRATION (PPM)				32.65	19.29	24.63	11.57	16.78	12.37	15.05	15.59	16.05	17.98
WEIGHT (POUNDS)				604	324	360	180	173	180	396	468	397	3,082
SULFATE ION													
CONCENTRATION (PPM)				121.44	98.18	83.84	39.31	56.99	42.04	51.18	53.01	54.37	65.43
WEIGHT (POUNDS)				2,247	1,648	1,224	612	587	612	1,346	1,591	1,346	11,213

RELEASE POINT DESCRIPTION SUBSTANCE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOT & AVE
SULFITE ION													
CONCENTRATION (PPM)				.02	.02	.02	.02	.03	.02	.01	.01	.08	.01
WEIGHT (POUNDS)												2	2
TREAT SEPTIC TANK SUBSURFACE													
VOLUME (GAL. IN 1000)				19	22	22	25	25	23	25	20	23	204
HYDROGEN-ION CONC. (PH)													

SCHED. NO. INF6162-8

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

ANL INDUSTRIAL WASTE SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

DISPOSAL OR STORAGE LOCATION / TYPE OF WASTE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
	VOLUME OR WEIGHT BY MONTH												
CFA LANDFILL													
DISPOSED WASTE													
1 Y SOLID				300.0	300.0	336.0	336.0	300.0	400.0	300.0	300.0	300.0	2,872.0
EBR LANDFILL													
DISPOSED WASTE													
9 F SOLID CONSTRUCTION WASTE					299.7	99.9							399.6
GRAND TOTALS													
DISPOSED WASTE													
1 Y SOLID				300.0	300.0	336.0	336.0	300.0	400.0	300.0	300.0	300.0	2,872.0
9 F SOLID					299.7	99.9							399.6

SCHED. NO. IAF6161-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

ANL WATER USAGE AND DISPOSAL SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VOLUMES = NEAREST THOUSAND GALLONS)

WELL OR BUILDING NO. / SEWAGE BUILDING NO.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS & AVERAGES
WATER DATA													
1 WATER PUMPED (GAL)				4,710	3,472	5,522	3,677	7,037	4,535	3,599	3,635	3,918	40,105
2 WATER PUMPED (GAL)				5,177	5,007	3,160	8,209	1,977	4,996	4,663	4,461	2,686	40,336
TOTAL WATER PUMPED (GAL)				9,887	8,479	8,682	11,886	9,014	9,531	8,262	8,096	6,604	80,441
WATER DISPOSAL													
AIR (GAL)				5,671						4,800	4,100	3,360	17,931
SURFACE (GAL)				2,217	2,011	1,749	1,865	1,235	1,744	3,152	3,596	2,967	20,536
SUBSURFACE (GAL)				19	22	22	25	25	23	25	20	23	204
SEWAGE DATA													
779 BUILD VOLUME (GAL)				265	244	253	248	267	273	235	202	235	2,222
BIOCHEMICAL OXYGEN DEMAND (BOD)													
RAW CONC. (PPM)					108.3	250.0	140.0	152.0	46.1	123.3	102.8		131.8
FINAL CONC. (PPM)				.1	19.3	12.0	38.7	43.8	11.3	31.6	92.2	.1	27.7
% REMOVED					82.2	95.2	72.4	71.2	75.5	74.4	10.3		79.0
DISSOLVED OXYGEN (DO)													
RAW CONC. (PPM)					1.2	.1			.7	2.8	3.8		1.7
FINAL CONC. (PPM)				.1	12.6	.3	.1	.1	11.2	8.2	3.9	.1	4.1
INCREASED FACTOR					9.5	2.0			15.0	1.9			1.4
SETTLEABLE SOLIDS (SS)													
RAW CONC. (ML/L)													
FINAL CONC. (ML/L)				.01	.01	.01	.01	.01	.01	.01	.01	.01	.01
% REMOVED													
PH-FINAL				8.8	9.1	7.2	8.2	8.6	8.9	8.2	6.9		8.2
TOTAL SEWAGE VOL. (GAL)				265	244	253	248	267	273	235	202	235	2,222
TOTAL WATER DISPOSED (GAL)				8,172	2,277	2,024	2,138	1,527	2,040	8,212	7,918	6,585	40,893
ACCOUNTABILITY (%)				82.7	26.9	23.3	18.0	16.9	21.4	99.4	97.8	99.7	50.8

SCHED. NO. INF6164-C

IDAHO OPERATIONS OFFICE
U.S. ATOMIC ENERGY COMMISSION
NRTS INDUSTRIAL WASTE MANAGEMENT INFORMATION SYSTEM

RUN DATE: 07/10/74

ANL FUEL OIL USAGE AND STACK EFFLUENTS SUMMARY
FOR JANUARY THROUGH DECEMBER 1971

(ALL VALUES = NEAREST THOUSAND)

FUEL OIL TYPE EFFLUENTS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
TYPE 5													
VOLUME (GAL)				64	48	42	36	33	52	75	98	136	584
SO2 (LBS)				11	10	9	8	7	11	16	21	30	123
NOX (LBS)													
PARTICULATES (LBS)				1	1	1	1	1	1	1	2	2	11
GRAND TOTALS													
SO2 (LBS)				11	10	9	8	7	11	16	21	30	123
NOX (LBS)													
PARTICULATES (LBS)				1	1	1	1	1	1	1	2	2	11