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TITLE AND AUTHOR

ARCO 200 AREAS OPERATION Essential
Materials Inventory and Consumption
Report for 8-72
RE Smith

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ATLANTIC RICHFIELD HANFORD COMPANY
200 AREAS OPERATION
ESSENTIAL MATERIALS INVENTORY AND CONSUMPTION REPORT
FOR THE MONTH OF AUGUST 1972

[redacted]

Author: Ralph E. Smith

Classified By: B. M. Dobbs

Asset and Inventory Control
RES:AES:mwh

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Atlantic Richfield Hanford Company
ESSENTIAL MATERIAL INVENTORY AND CONSUMPTION REPORT

AFTER FILL-IN

FOR MONTH OF

FEBRUARY 1972

SHEET NUMBER

2

CODE	DESCRIPTION	UNIT	BEGIN. INVENTORY		RECEIPTS		DISBURSEMENTS		TRANSFERS		ENDING INVENTORY	
			VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY
0060	Al. Nitrate - Monohydrate	lb	2174	51532	6805	161155	7437	176239			1542	36438
0063	Ammon. Fluoride - Nitrate	lb	77030	218108			68100	192918			8930	25250
0065	Anhydrous Ammonia	lb	833	31780	969	36000	1225	45534			600	22246
0100	Aluminum Sulfate	lb	2453	58204			342	8114			213	50090
0101	Alum - liquid	lb	714	24192			171	5796			543	18396
0102	Alum - Dry	lb	1575	40315			946	24185			629	16130
0140	Amion X-20 (20-40)	ft ³	5052	71							5052	71
0148	Zeolite Ion Exch. Resin	lb	12241	6900							12241	6900
0149	Zeolite	lb	5845	2601							5845	2601
0151	Dualite	ft ³	16401	355							16401	355
0250	Beckman Buffer Solution	gal	458	85							458	85
0271	Carbon Dioxide (Bulk)	lb	1052	47820	819	37220	973	44240			898	40800
0281	Carbon Tetrachloride	drum	2489	34			1171	16			1318	18
0285	Citric Acid	lb	47478	132300			18293	52900			29185	84400
0311	Beef	lb	7720	2300	100		1007	300			6813	2000
0312	Granular Product	lb	6864	3300			624	300			6240	3000
0321	Chlorine	lb	949	19067			180	3622	300	6000	1069	21445
0359	Cadmium Nitrate	lb	21091	14250							21091	14750
0373	Crucible RS-6	ea	6456	440	5371	294	2612	178			9215	556
0380	Disodium Phosphate	lb	863	4555			78	415			785	4140
0381	Dibutyl Butyl Phosphonate	lb	16696	156600			464	435			16232	15225
0384	Di-2 EHPA	lb	3440	3648			1334	1415			2106	2233
0426	Ferric Nitrate	lb	4410	7825							4410	7825
0432	Ferrous Sulfamate	lb	5383	15480			3129	9000			2254	6480
0435	Filming Resin	lb	3170	11861			578	2164			2592	9697
0510	Hydrogen Fluoride	lb	4830	13800			490	1400			4340	12460
0524	Hydroxyacetic Acid	lb	25255	179475			6771	48126			18484	131349
0526	Hydrogen Peroxide	lb	1835	1998			223	243			1612	1755
0528	Hydroxylamine Sulfate	lb	18964	30421							18964	30421
0529	Hydroxylamine Nitrate	gal	-0-	-0-							-0-	-0-
0531	Separan	lb	495	350			141	100	707	500	1061	750
0576	Lead Nitrate	lb	1136	5040							1136	5040
0626	Mercuric Nitrate	lb	4170	500							4170	500
0665	EDTA	lb	9283	61497			164	1084			9119	60413
Contd. - p. 3												

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AFTER FILL-IN

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Atlantic Richfield Hanford Company

ESSENTIAL MATERIAL INVENTORY AND CONSUMPTION REPORT

AFTER FILL-IN

REF-2360 8

FOR MONTH OF
4/4/57 1972
SHEET NUMBER
3

CODE	DESCRIPTION	UNIT	BEGIN, INVENTORY		RECEIPTS		DISBURSEMENTS		TRANSFERS		ENDING INVENTORY	
			VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY
0667	Nitrofluoroacetic Acid	lb	1012	3179							1012	3179
0668	Nag HEDTA	lb	21103	97545			961	4445			20142	93100
0669	Normal Paraffin Hydrocarbon	lb	14066	147888			542	5696			13524	142192
0670	Nitric Acid - 57%	lb	7870	271727	12207	420947	13297	458495	(224)	(7718)	6556	226461
0672	Nitric Acid - Reclaimed	lb	-0-	17239			-0-	3892			-0-	168247
0674	Nitrogen - Liquid	ft ³	282	237832			607	523569	485	531658	160	245921
0690	Oralic Acid	lb	6808	29600			276	1200			6532	28400
0705	DTPA	lb	216	1200							216	1200
0713	Potassium Fluoride	lb	541	800	632	800	1173	1600			-0-	-0-
0715	Phosphotungstic Acid	lb	49311	8500			17984	3100			31327	5400
0744	Phosphoric Acid	lb	2565	16510							2565	16510
0745	Potassium Hydroxide	lb	18017	132107			9088	66630			8929	65477
0750	Potassium Permanganate	lb	2187	5390			536	1320	(134)	(330)	1517	3746
0752	Potassium Peroxide	lb	813	4000							813	4000
0770	Rock Salt	lb	1697	215298	466	44000	385	48730	(348)	(44000)	1430	166568
0775	Silver Nitrate - Crystals	lb	19025	922							19025	922
0783	Sodium Bisulfate	lb	6238	124800							6238	124800
0785	Sodium Carbonate	lb	11207	372900			1439	47800			9768	325100
0797	Sodium Glucanate	lb	8511	28850			2611	8850			5900	20000
0800	Sodium Hydroxide	lb	12521	289280	13671	318679	17722	409292	(110)	(2543)	8360	19624
0805	Sodium Nitrate	lb	535	22600			280	11800			255	10800
0810	Sodium Nitrite	lb	2171	2000			630	5100	(37)	(300)	1804	14600
0820	Sodium Sulfate	lb	2082	75000			14	500			2068	74500
0825	Sodium Sulfite	lb	449	5985			73	925	(450)	(5010)	(74)	-0-
0842	Sugar - Granulated	lb	1714	14000	2446	20000	2735	22600			1390	11400
0870	Sulfamic Acid	lb	1413	4250			734	3550			1179	5700
0880	Sulfuric Acid - Bulk	lb	2888	159653			183	10121			2705	149532
0890	Seavox (Hydrazine)	lb	4491	14132			1228	4842	878	2250	4141	11490
0891	Sludge Conditioner	lb	1796	4960			392	1080			1404	3880
0910	Tartaric Acid	lb	174	400	10350	20000	174	400			10350	20000
0920	Tributyl Phosphate	lb	21845	48889			885	1977			21010	46912
	Decontamination Chemicals		13082		8908		1217		(3344)		17429	
	Miscellaneous Materials		-0-						-0-		-0-	
Subtotal - Chemicals & Compounds			557515		62944		19259		(2277)		425823	
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Atlantic Richfield Hanford Company

ESSENTIAL MATERIAL INVENTORY AND CONSUMPTION REPORT

AFTER FILL-IN

RRH-23608

FOR MONTH OF

August 1922

SHEET NUMBER

4

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Atlantic Richfield Hanford Company
PRODUCTION ESSENTIAL MATERIAL CONSUMPTION REPORT

AFTER FILL-IN

AFTER FILL-IN

FOR MONTH OF
APRIL 1972
SHEET NUMBER
5

MCM-4360 6

CODE	DESCRIPTION	UNIT	PUREX		WMS PROCESSING		TANV FARM MGT.		PURE-CLAMATION		URANIUM REDUCTION		METAL PREPARATION		OTHER		TOTAL	
			VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.
0060	Al. Nitrate - Monohydrate	lb	5363	127085					2074	49154							7427	176239
0063	Am. Fluoride - Nitrate	lb	68100	192918													68100	192918
0065	Anhydrous Ammonia	lb			1225	45534											1225	45534
0140	Amion Resin (20-40)	ft ³																
0148	Zeolite Ion Exch. Resin	lb																
0149	Zeolite	lb																
0151	Dualite	ft ³																
0250	Beckman Buffer Solution	gal															973	44240
0271	Carbon Dioxide (Bulk)	lb			973	44240											1171	16
0281	Carbon Tetrachloride	drum							1171								18293	52900
0285	Citric Acid	lb			18293	52900											1007	300
0311	Beef	lb											1007	300			624	300
0312	Granular Product	lb											624	300				
0359	Cadmium Nitrate	lb																
0373	Crucible RS-6	ea											2612	178			2412	178
0381	Dibutyl Poly Phosphate	lb							464	435							464	435
0384	DI-2 EHPA	lb			1334	1415											1334	1415
0416	Ferric Nitrate	lb																
0432	Ferrous Sulfamate	lb	3129	9000													3129	9000
0510	Hydrogen Fluoride	lb											490	1400			490	1400
0534	Hydroxyacetic Acid	lb			6771	48126											6771	48126
0526	Hydrogen Peroxide	lb											223	243			223	243
0528	Hydroxylamine Sulfate	lb																
0529	Hydroxylamine Nitrate	gal																
0576	Lead Nitrate	lb																
0626	Mercuric Nitrate	lb																
0665	EDTA	lb			164	1084											164	1084
0667	Methyloctacetic Acid	lb																
0668	Nag HEDTA	lb			961	4445											961	4445
0669	Normal Raffin Hydrocarbon	lb			542	5696											542	5696
0670	Nitric Acid - 57%	lb	9822	338683	2605	89816			870	29996							13297	458495
0674	Nitrogen - liquid	ft ³							547	491213							60	52356
0690	Oxalic Acid	lb											276	1200			276	1200
0705	DTPA	lb																
0713	Potassium Fluoride	lb	1173	1600													1173	1600
0715	Phosphotungstic Acid	lb			17984	3100											17984	3100
Contd. - p. 6																		

* Tech. Servs. - 2617843 430
R & E - 2617843 430

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Atlantic Richfield Hanford Company
PRODUCTION ESSENTIAL MATERIAL CONSUMPTION REPORT

AFTER FILL-IN

FOR MONTH OF

August 1972

SHEET NUMBER

6

CODE	DESCRIPTION	UNIT	PUREX		WMS PROCESSING		TANK FARM MGT.		PU RE-CLAMATION		URANIUM REDUCTION		METAL PREPARATION		OTHER		TOTAL	
			VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.	VALUE	QUANT.
0744	Phosphoric Acid	lb																
0745	Potassium Hydroxide	lb	9088	66630													9088	66630
0750	Potassium Permanganate	lb	536	1320													536	1320
0752	Potassium Persulfate	lb																
0775	Silver Nitrate - Crystals	lb																
0783	Sodium Bisulfate	lb																
0785	Sodium Carbonate	lb	193	6400	1156	38400									90	3000	1439	47800
0797	Sodium Glucoside	lb			2611	8850											2611	8850
0800	Sodium Hydroxide	lb	14012	323610	3082	64782			688	15900							17222	469292
0805	Sodium Nitrate	lb	244	10300					36	1500							280	11800
0810	Sodium Nitrite	lb	630	5100													630	5100
0820	Sodium Sulfate	lb			14	500											14	500
0842	Sugar - Granulated	lb	2735	22600													2735	22600
0870	Sulfuric Acid	lb	734	3550													734	3550
0880	Sulfuric Acid - Bulk	lb	183	10121													183	10121
0890	Savox (Hydrazine)	lb	1728	4892													1728	4892
0910	Tartaric Acid	lb	174	400													174	400
0920	Triethyl Phosphate	lb			294	657			591	1320							885	1977
0925	Fabrifilm	gal						1217									1217	275
0926	Turco Diesel	gal																
0928	Turco 4518	lb																
	Subtotal - Production		117884		57949			1217	6441				5232		150		188873	

* charged to 6280 (laundry)

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Atlantic Richfield

FOR THE MONTH OF: August 1972

POWER ESSENTIAL MATERIAL CONSUMPTION REPORT

SHEET NO. 7

CODE	DESCRIPTION	UNIT	200 - EAST				200 - WEST				TOTAL		REMARKS
			WATER VALUE	WATER QUANT.	STEAM VALUE	STEAM QUANT.	WATER VALUE	WATER QUANT.	STEAM VALUE	STEAM QUANT.	VALUE	QUANT.	
0100	Aluminum Sulfate	lb	208	4934			134	3130			342	8114	
0321	Chlorine	lb	19	372			12	250			31	622	
0590	Lime	lb											
0335	Coal - Plateau	ton			102954	7769			22902	1728	12586	9497	
0351	Coal - Pit	ton											
0356	Coal - Carbon Fuel	ton											
0357	Coal - Hiawatha	ton											
0358	Coal - Utah	ton			102954				22902		12586		
	Subtotal - Coal												
0380	Disodium Phosphate	lb			64	340			14	75	78	415	
0435	Fluorine Alumine	lb			443	1658			135	506	578	2164	
0770	Rock Salt	lb			294	37212			91	11518	385	48230	
0825	Sodium Sulfate	lb			54	75			19	260	73	975	
0891	Sludge Condenser	lb			501	830			91	250	392	1080	
	Subtotal - Power		227		104110		146		23252		127735		
0100	Aluminum Sulfate	lb											
0101	Alum - Liquid	lb									171	5796	
0102	Alum - Dry	lb									946	24185	
0321	Chlorine	lb									149	3000	
0531	Sepran	lb									141	100	
	Subtotal - Export Water										1407		
	Subtotal - Production										188873		
	TOTAL - ESSENTIAL MATERIALS										378015		

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