

FRESH WATER 1418-F-2218 / APĂ BRUTĂ 1418-F-2218

STREAM No./FLUX Nr.	271	272	273	274	275	277	278	279	288	289	290	309	325
Description / Description	Total FV Supply / Unit / m3/h	Fresh Water to Camp / Unit / m3/h	Fresh Water to Plant / Unit / m3/h	Fresh Water Distribution / Unit / m3/h	Total Gland Water / Unit / m3/h	Fresh Water to Process / Unit / m3/h	Fresh Water to Reagents / Unit / m3/h	Fresh Water to Schemer / Unit / m3/h	Fresh Water to Schemer / Unit / m3/h	Total Treated Water / Unit / m3/h	Treated Water / Unit / m3/h	FV to Gland / Unit / m3/h	FV to ARD / Unit / m3/h
Water / Apă	350.0	350.0	350.0	565.5	23.1	241.7	297.6	15.0	67.2	67.2	61.7	14.7	6.4

Note that flows on right side of PRD are given on matching user PRD.

PROCESS WATER 1418-F-2219 / APĂ TEHNOLOGICĂ 1418-F-2219

STREAM No./FLUX Nr.	201	202	203	211	212	220	221	223	230	231	232	234	240	243	250	260	261	262	263	264	265	267	268	270	280			
Description / Description	Raw Water / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h	Raw Water to Plant / Unit / m3/h		
Water / Apă	2800.0	1819.0	na	see MATH	350.0	220.0	46.0	3.2	105.6	264.8	644.3	1468.6	150.0	60.0	1777.8	25.0	0.0	0.4	5.6	264	240	0.4	0.4	0.4	0.4	1819.0	41.2	15.0

COOLING WATER 1418-F-2210 / APĂ DE RĂCIRE 1418-F-2210

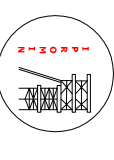
STREAM No./FLUX Nr.	285	286	474	475	476	500	501	502	503	504	505	506	507	508	511	512	513	514	515	
Description / Descriere	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI	Water to Cooling Tower / UMI
Solids / Solide	13.4	9.3	tba	tba	tba	271.9	12	1.3	12	236	6.5	4.1	13.39	tba	12	1.3	12	236	6.5	
Liquids / Lichide	13.4	9.3	tba	tba	tba	271.9	12	1.3	12	236	6.5	4.1	13.39	tba	12	1.3	12	236	6.5	
Slurry / Suspensie	13.4	9.3	tba	tba	tba	271.9	12	1.3	12	236	6.5	4.1	13.39	tba	12	1.3	12	236	6.5	
Solids / Solide	13.4	9.3	tba	tba	tba	271.9	12	1.3	12	236	6.5	4.1	13.39	tba	12	1.3	12	236	6.5	
Strength / Concentratie	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Slurry / Suspensie	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

ARD TREATMENT 1418-F-2222 / STAȚIE DE EPURARE A APELOR ACIDE (STAȚIA ARD) 1418-F-2222

STREAM No./FLUX Nr.	325	326	327	328	329	361	362	364	365	366	370	371	372	373	374	375	376	381	391	392	393	425	473	493	
Description / Descriere	Total Gland Water to ARD / UMI	GSW to By-product Recycle Pump / AE	GSW to By-product Recycle Pump / AE	GSW to Water Recycle Pump / AE	GSW to Treated Water Pump / AE	Flow from Cetate Pond / Debit de la lacul Cetate	Flow from Clinic Pond / Debit de la lacul Clinic	Flow from ARD Treatment / Debit total la stia ARD	Lime plus Recycle / Var plus Recycle	Slurry ex Neutral / Tulpura de leșie neutraliz.	Thickener Underflow / Recirculare pulă îngroșător	ARD 1st Stage By-product / Product secundar Tr. ARD	Recycle to Dust Control / Recirculare apă stia ARD pt. control emisii praf	Recycle to Cyanide Detox / Recirculare apă stia ARD la instal denociv. CN	ARD Dust and Detox / Recirculare apă stia ARD pt. control praf și denociv.	ARD Dilution / Recirculare apă stia ARD pt. dilutie flocculant	ARD Clarifier Overflow / Supraplin decantor la stia ARD	ARD 1st Stage / Stage 1 și II apă epurată în stia ARD	Total ARD Treated Water / Total apă epurată în stia ARD	ARD Treat Water to Coma / Apă epurată descărcată în Valea Coma	ARD Treat Water to Rosia Valley / Apă epurată descărcată în Valea Roșia	Lime Slurry to ARD Treatment / Suspensie var pt. stia epurare ape acide	Flocculant to ARD Treatment / Flocculant pt. epurare ape acide	Carbon Dioxide to ARD Treatment / Bioxid de carbon pt. epurare ape acide	ARD Area Sump Pump PU-601 / Pompă de jomp zona stia ARD PU-601
Solids / Solide	0.00	0.30	0.30	0.00	0.00	0.00	0.00	0.00	15.00	17.37	13.51	3.85	0.00	0.02	0.01	0.00	0.02	0.01	0.01	0.00	0.01	1.49	0.00	0.00	
Liquids / Lichide	8.40	0.30	0.30	5.60	2.20	0.00	0.00	0.00	438.00	565.96	121.91	34.92	20.30	440.92	158.10	15.24	440.92	284.63	284.63	25.20	261.63	8.42	1.70	0.00	
Slurry / Suspensie	8.40	0.30	0.30	5.60	2.20	tba	tba	0.00	435.92	572.96	127.36	36.47	20.30	440.92	158.10	15.24	440.92	284.64	284.64	25.20	261.64	9.07	1.70	0.00	
Solids / Solide	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	2.48	2.48	2.48	0.00	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.30	0.00	0.00		
% Solids	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.32	2.98	2.98	9.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00		
Slurry / Suspensie	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.07	1.02	1.06	1.06	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.09	1.00	1.00		

NOTES / NOTE:

1. STREAM DATA IS FOR MAXIMUM FLOW CONDITIONS FOR DESIGN PURPOSES. THIS IS NOT NECESSARILY THE CONDITION FOR MASS BALANCE AVERAGE THROUGHPUT OR CONTINUOUS BASIS. PENTRU SCOPURILE PROIECTĂRII, DATELE CU PRIVIRE LA FLUXURI SUNT PENTRU CONDIIȚII DE DEBIT MAXIM. ACEASTA NU ESTE NEAPĂRĂȚ CONDIIȚIA CE STĂ LA BAZA BILANȚULUI MASIC. CAPACITĂȚII DE PRODUȚIE SAU CONTINUTULĂȚII PROCESELOR.
2. STREAM DATA MATCHES REVISION B PROCESS FLOW DIAGRAM. DATELE CU PRIVIRE LA FLUXURI CORESPUND CU SCHEMA FLUXULUI TEHNOLOGIC. REVIZIA B.

 <p>S.C. IPROMIN S.A. BUCURESTI</p>		 <p>GABRIEL ROSIA MONTANA GOLD CORPORATION S.A. TEHNOLOGICE</p>	
Elaborated by / Elaborat de	Ing. Nicolai Mircea Cristian	Note / Note:	Information provided by RMGC /datele au fost puse la dispozitie de beneficiar
Verified by / Verificat de	Ing. Gabriel Neamtu	Scale / Scară:	Date / Data: March / Martie 2006
Manager project / Manager proiect	Ing. Sorin Berchimis	Title / Denumire Plan: STREAM DATA FOR ENGINEERING DESIGN - TEHNIC SERVICES / DATELE CU PRIVIRE LA FLUXURI PENTRU PROIECTUL UTILITATI	
Owner / Beneficiar: S.C. ROSIA MONTANA GOLD CORPORATION S.A.			Exhibit / Planșa 2.37