

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

May 2024																Comments
Sampled: 01/05/2024				Received: 16/05/2024				Posted: 16/05/2024								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	7	0.19	0.27	0.05	0.15	0.85	1.11	7.7	<5	0.03	0.05	0.01	0.04	0.24	0.32	
April 2024																Comments
Sampled: 05/04/2024				Received: 17/04/2024				Posted: 16/05/2024								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.6	20	0.14	0.31	0.05	0.40	0.76	0.98	6.9	12	0.02	0.16	0.04	0.47	0.22	0.37	
March 2024																Comments
Sampled: N/A				Received: N/A				Posted: N/A								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
No discharge during monitoring period																
February 2024																Comments
Sampled: 14/02/2024				Received: 20/03/24				Posted: 21/03/24								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.1	20	0.16	0.28	0.04	0.22	1.55	1.86	6.1	<5	0.11	0.13	0.09	0.15	0.93	1.02	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

January 2024																Comments
Sampled: 31/01/2024				Received: 22/02/24				Posted: 01/03/24								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	<5	0.06	0.11	0.03	0.09	0.39	0.43	7.3	<5	0.29	0.34	0.07	0.14	0.76	0.78	
December 2023																Comments
Sampled: 20/12/2023				Received: 23/01/24				Posted: 23/01/24								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.7	7	0.42	0.55	0.09	0.30	1.30	1.41	6.8	<5	0.08	0.10	0.03	0.09	1.04	1.02	
November 2023																Comments
Sampled: 05/11/2023				Received: 29/10/23				Posted: 29/11/23								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.5	26	0.21	0.41	0.05	0.32	0.81	1.05	6.3	27	0.07	0.25	0.02	0.27	0.39	0.55	
October 2023																Comments
Sampled: 26/10/2023				Received: 15/11/23				Posted: 18/10/23								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	<5	0.34	0.46	0.04	0.12	1.50	1.71	7.1	6	0.14	0.22	0.02	0.09	2.02	2.19	

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Water Quality Monitoring Results (mg/L) – Monthly when discharge

September 2023															Comments	
Sampled: 28/09/2023					Received: 18/10/23					Posted: 18/10/23						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
6.9	9	0.16	0.21	0.03	0.11	0.85	0.93	6.9	10	0.05	0.09	0.03	0.10	0.64	0.71	
August 2023															Comments	
Sampled: 14/08/2023					Received: 08/09/23					Posted: 08/09/23						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
6.3	18	0.08	0.31	0.04	0.27	0.72	1.09	6.1	8	0.22	0.40	0.03	0.11	1.09	1.39	
July 2023															Comments	
Sampled: 31/07/2023					Received: 10/08/23					Posted: 10/08/23					No discharge during monitoring period	
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
June 2023															Comments	
Sampled: 23/06/2023					Received: 14/07/23					Posted: 25/07/23						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
7.1	43	0.19	0.48	0.02	0.47	1.40	1.70	7.3	41	0.11	0.39	0.04	0.51	0.85	1.09	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

May 2023																Comments
Sampled: 17/05/2023				Received: 15/06/23				Posted: 16/06/23								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	<5	0.20	0.27	0.08	0.19	1.67	1.74	7.0	19	0.07	0.18	0.01	0.16	0.86	0.97	
April 2023																Comments
Sampled: 20/04/2023				Received: 26/05/23				Posted: 16/06/23								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.5	23	0.22	0.46	0.07	0.83	1.22	1.69	6.6	<5	0.03	0.06	0.03	0.09	0.49	0.57	
March 2023																Comments
Sampled: 14/03/2022				Received: 01/05/23				Posted: 16/06/23								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.5	11	0.15	0.24	0.02	0.11	0.57	0.70	7.2	<5	0.05	0.08	0.01	0.05	0.37	0.43	
February 2023																Comments
Sampled: 14/02/2023				Received: 24/02/23				Posted: 27/02/23								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	<5	0.43	0.52	0.03	0.07	0.97	1.04	7.0	23	0.06	0.17	0.01	0.21	0.52	0.74	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

January 2023															Comments
Sampled: 30/01/2023					Received: 24/02/23					Posted: 27/02/23					
EPL5 (STW3BDY)								EPL6 (STW2BDY)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
7.0	35	0.06	0.57	0.02	0.29	0.50	0.91	7.1	<5	0.05	0.07	0.02	0.06	0.32	0.32
December 2022															Comments
Sampled: 01/12/2022					Received: 18/01/23					Posted: 25/01/23					
EPL5 (STW3BDY)								EPL6 (STW2BDY)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No discharge during monitoring period															
November 2022															Comments
Sampled: 13/11/2022					Received: 23/12/22					Posted: 23/12/22					
EPL5 (STW3BDY)								EPL6 (STW2BDY)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
7.1	5	0.06	0.12	0.02	0.09	0.46	0.61	7.0	6	0.05	0.09	0.01	0.04	0.42	0.52
October 2022															Comments
Sampled: NA					Received: 30/11/22					Posted: 08/12/22					
EPL5 (STW3BDY)								EPL6 (STW2BDY)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No discharge during monitoring period															

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

September 2022															Comments	
Sampled: NA					Received: 25/10/22					Posted: 25/10/22					No discharge during monitoring period	
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
August 2022															Comments	
Sampled: 23/08/2022					Received: 21/09/2022					Posted: 23/09/2022					None	
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
7.0	18	0.31	0.41	0.03	0.14	1.52	1.69	7.0	7	0.65	0.73	0.13	0.25	2.80	2.81	
July 2022															Comments	
Sampled: 05/07/2022					Received: 26/07/2022					Posted: 27/07/2022					None	
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
7.5	10	0.26	0.62	0.03	0.16	2.22	2.90	6.6	22	0.02	0.17	0.01	0.15	0.30	0.48	
June 2022															Comments	
Sampled: 27/06/2022					Received: 07/07/2022					Posted: 27/07/2022					None	
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss		Tot
7.0	30	0.08	0.22	0.01	0.17	0.80	1.04	6.9	64	0.06	0.34	0.01	0.25	0.44	0.72	

MINERAL CONCENTRATE SHIPLOADER
Water Quality Monitoring Results (mg/L) – Monthly when discharge

May 2022																Comments
Sampled: 23/05/2022				Received: 16/06/2022				Posted: 16/06/2022								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	<5	0.11	0.13	0.03	0.07	0.78	0.83	7.2	<5	0.09	0.12	0.03	0.03	0.26	0.28	
April 2022																Comments
Sampled: 24/04/2022				Received: 11/05/2022				Posted: 12/05/2022								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.9	6	0.05	0.17	0.02	0.08	1.46	1.63	6.8	<5	0.02	0.06	0.02	0.05	0.21	0.24	
March 2022																Comments
Sampled: 03/03/2022				Received: 24/03/2022				Posted: 25/03/2022								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	10	0.49	0.64	0.07	0.23	1.84	2.04	7.7	11	0.03	0.08	0.05	0.13	0.29	0.40	
February 2022																Comments
Sampled: 02/02/2022				Received: 22/02/2022				Posted: 23/02/2022								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
8.0	<5	0.09	0.16	0.03	0.10	1.26	1.36	7.1	<5	0.02	0.03	0.03	0.05	0.29	0.30	

MINERAL CONCENTRATE SHIPLOADER
Water Quality Monitoring Results (mg/L) – Monthly when discharge

January 2022																Comments
Sampled: 19/01/2022				Received: 02/02/2022				Posted: 03/02/2022								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.6	24	0.26	0.24	0.02	0.11	0.60	0.50	6.9	18	0.01	0.04	0.02	0.14	0.16	0.28	
December 2021																Comments
Sampled: N/A				Received: N/A				Posted: N/A								No discharge during monitoring period
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
November 2021																Comments
Sampled: 10/11/2021				Received: 16/11/2021				Posted: 17/11/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	18	0.12	0.21	0.03	0.13	1.01	1.17	6.9	21	0.03	0.13	0.03	0.13	0.60	0.75	
October 2021																Comments
Sampled: 01/10/2021				Received: 08/10/2021				Posted: 11/10/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.7	22	0.11	0.28	0.03	0.15	0.91	1.10	6.5	21	0.07	0.18	0.02	0.08	2.96	2.89	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

September 2021																Comments
Sampled: 14/09/2021				Received: 23/09/2021				Posted: 24/09/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	14	0.06	0.11	0.01	0.11	0.67	0.79	6.8	8	0.07	0.11	0.01	0.03	0.64	0.75	
August 2021																Comments
Sampled: 24/08/2021				Received: 31/08/2021				Posted: 01/09/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	28	0.10	0.20	0.01	0.12	0.77	1.04	6.7	16	0.06	0.08	0.01	0.04	0.58	0.70	
July 2021																Comments
Sampled: 16/07/2021				Received: 23/07/2021				Posted: 26/07/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	11	0.09	0.24	0.02	0.19	1.08	1.26	6.7	6	0.10	0.17	0.02	0.08	1.30	1.45	
June 2021																Comments
Sampled: 03/06/2021				Received: 15/06/2021				Posted: 24/06/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.9	6	0.12	0.14	0.02	0.06	1.00	1.04	7.4	<5	0.04	0.05	0.03	0.05	0.41	0.44	

MINERAL CONCENTRATE SHIPLOADER
Water Quality Monitoring Results (mg/L) – Monthly when discharge

May 2021																Comments
Sampled: 06/05/2021				Received: 17/05/2021				Posted: 17/05/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	7	0.11	0.13	0.02	0.05	0.67	0.72	6.9	6	0.13	0.15	0.04	0.10	1.08	1.07	
April 2021																Comments
Sampled: 17/04/2021				Received: 17/05/2021				Posted: 17/05/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	<5	0.09	0.18	0.02	0.19	0.74	0.91	7.3	9	0.02	0.06	0.02	0.10	0.26	0.33	
March 2021																Comments
Sampled: 08/03/2021				Received: 14/04/2021				Posted: 16/04/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.4	26	0.27	0.82	0.06	0.30	1.23	1.76	6.3	17	0.17	0.31	0.06	0.18	1.36	1.49	
February 2021																Comments
Sampled: 06/02/2021				Received: 18/03/2021				Posted: 22/03/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.5	8	0.14	0.16	0.08	0.13	1.2	1.2	6.7	6	0.13	0.15	0.04	0.08	0.62	0.63	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

January 2021																Comments
Sampled: 04/01/2021				Received: 03/03/2021				Posted: 10/03/2021								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.3	8	0.09	0.14	0.07	0.15	1.3	1.4	6.0	8	0.10	0.12	0.04	0.07	0.61	0.65	
December 2020																Comments
Sampled: 1/12/2020				Received: 11/12/2020				Posted: 22/02/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	12	0.28	0.33	0.08	0.21	3.3	3.3	6.7	9	0.23	0.23	0.06	0.17	1.65	1.57	
November 2020																Comments
Sampled: 5/11/2020				Received: 11/12/2020				Posted: /12/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.9	8	0.08	0.14	0.04	0.13	2.0	2.2	7.0	<5	0.03	0.11	0.05	0.22	0.59	0.72	
October 2020																Comments
Sampled: 19/10/2020				Received: 17/11/2020				Posted: 18/11/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.6	46	0.22	0.44	0.07	0.50	3.5	4.4	7.1	19	0.04	0.14	0.01	0.11	0.61	0.91	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

September 2020																Comments
Sampled: 9/9/2020				Received: 16/10/2020				Posted: 18/11/2020								No comments. Web posting missed and completed in November.
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	5	0.18	0.21	0.11	0.12	1.6	1.7	6.7	27	0.05	0.01	0.04	0.09	2.77	2.66	
August 2020																Comments
Sampled: 10/8/2020				Received: 22/9/2020				Posted: 24/9/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	22	0.09	0.15	0.02	0.18	1.8	2.0	7.7	10	0.02	0.05	0.00	0.08	0.21	0.36	
July 2020																Comments
Sampled: 14/7/2020				Received: 28/8/2020				Posted: 31/8/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.3	<5	0.05	0.15	0.02	0.17	1.9	2.2	7.6	16	0.06	0.17	0.01	0.17	1.65	2.02	
June 2020																Comments
Sampled: 2/6/2020				Received: 16/7/2020				Posted: 22/7/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.0	43.0	0.12	0.78	0.06	0.98	3.1	4.2	7.3	35.0	0.17	0.58	0.05	0.52	2.04	2.43	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

May 2020																Comments
Sampled: 14/5/2020				Received: 29/6/2020				Posted: 17/7/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.5	20.0	0.12	0.35	0.08	0.33	6.0	6.2	6.5	140.0	0.06	0.36	0.01	0.53	0.41	2.64	
April 2020																Comments
Sampled: 3/4/2020				Received: 21/5/2020				Posted: 29/6/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	12.0	0.21	0.39	0.09	0.42	3.5	4.7	7.0	14.0	0.15	0.25	0.08	0.38	1.43	2.00	
March 2020																Comments
Sampled: 5/3/2020				Received: 21/4/2020				Posted: 17/6/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	11.0	0.15	0.23	0.07	0.20	2.1	2.2	7.2	6.0	0.11	0.21	0.03	0.15	1.30	1.46	
February 2020																Comments
Sampled: 7/2/2020				Received: 21/4/2020				Posted: 4/5/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.4	22.0	0.38	0.58	0.06	0.30	24.6	26.0	6.9	14.0	0.47	0.55	0.02	0.24	1.79	1.73	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

January 2020																Comments
Sampled: 16/1/2020				Received: 3/4/2020				Posted: 6/4/2020								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.4	52.0	1.60	2.11	0.27	0.95	15.7	17.2	6.6	47.0	1.38	3.51	0.23	1.14	5.6	6.6	
December 2019																Comments
Sampled:				Received:				Posted:								No sample taken due to no/insufficient discharge.
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
November 2019																Comments
Sampled: 25/11/2019				Received: 17/1/2020				Posted: 18/1/2019								None
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.0	55.0	0.44	0.83	0.12	0.57	9.7	10.5	6.4	86.0	1.09	2.83	<0.001	0.38	27.6	29.4	
October 2019																Comments
Sampled:				Received:				Posted:								No sample taken due to no/insufficient discharge.
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
September 2019																Comments

MINERAL CONCENTRATE SHIPLOADER Water Quality Monitoring Results (mg/L) – Monthly when discharge

Sampled: 18/9/2019				Received: 30/10/2019				Posted: 30/10/2019				None				
EPL5 (STW3BDY)				EPL6 (STW2BDY)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot		Diss	Tot	Diss	Tot
		6.9	21.0	0.12	0.30	0.06	0.39	1.9	2.4	7.2	17.0	0.01	0.09	0.01	0.23	0.38
August 2019											Comments					
Sampled: 30/8/2019				Received: 30/10/2019				Posted: 30/10/2019				None				
EPL5 (STW3BDY)				EPL6 (STW2BDY)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot		Diss	Tot	Diss	Tot
		7.6	278.0	0.03	1.02	0.03	1.38	6.5	0.9	6.8	135.0	0.01	0.12	0.01	0.33	0.22
July 2019											Comments					
Sampled: 30/7/2019				Received: 28/8/2019				Posted: 30/8/2019				None				
EPL5 (STW3BDY)				EPL6 (STW2BDY)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot		Diss	Tot	Diss	Tot
		7.4	36.0	0.08	0.23	0.02	0.36	1.0	1.6	7.3	10.0	0.04	0.18	0.02	0.29	0.69
June 2019											Comments					
Sampled: 1/6/2019				Received: 31/7/2019				Posted: 31/7/2019				None				
EPL5 (STW3BDY)				EPL6 (STW2BDY)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot		Diss	Tot	Diss	Tot
		6.8	11.0	0.08	0.20	0.03	0.14	5.9	6.5	6.9	8.0	0.05	0.10	0.01	0.08	0.65
May 2019											Comments					
Sampled:				Received:				Posted:				No sample taken due to no/insufficient				
EPL5 (STW3BDY)				EPL6 (STW2BDY)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Cu	Pb	Zn	pH	TSS	Cu			Pb	Zn					

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	discharge.
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
April 2019																Comments
Sampled: 1/4/2019				Received: 9/5/2019				Posted: 9/5/2019								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	9.0	0.05	0.17	0.03	0.22	1.5	1.8	6.9	10.0	0.02	0.06	0.02	0.12	0.38	0.46	
March 2019																Comments
Sampled: 18/3/2019				Received: 9/4/2019				Posted: 9/4/2019								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.9	18.0	0.09	0.28	0.09	0.40	3.0	3.5	6.8	17.0	0.07	0.26	0.07	0.35	1.37	1.91	
February 2019																Comments
Sampled: 22/2/2019				Received:				Posted:								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	33.0	0.04	0.29	0.04	0.34	1.3	0.8	7.3	28.0	0.06	0.17	0.04	0.22	1.61	1.98	
January 2019																Comments
Sampled:				Received:				Posted:								
EPL5 (STW3BDY)								EPL6 (STW2BDY)								No sample taken due to no/insufficient discharge.
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
December 2018																Comments

MINERAL CONCENTRATE SHIPLOADER Water Quality Monitoring Results (mg/L) – Monthly when discharge

Sampled:		Received:						Posted:						No sample taken due to no/insufficient discharge.		
EPL5 (STW3BDY)		EPL6 (STW2BDY)						pH	TSS	Cu		Pb			Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot	Diss	Tot		Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot							Diss		
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
November 2018																Comments
Sampled: 28/11/2018		Received: 9/1/2019						Posted: 9/1/2019						None		
EPL5 (STW3BDY)		EPL6 (STW2BDY)						pH	TSS	Cu		Pb			Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot	Diss	Tot		Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot							Diss		
6.5	13.0	0.136	0.506	0.062	0.723	4.4	4.4	6.9	9.0	0.26	0.69	0.08	0.47	3.16	3.88	
October 2018																Comments
Sampled: 10/10/2018		Received: 14/11/2018						Posted: 14/11/2018						Sample point relocated to site boundary via EPL variation.		
EPL5 (STW3BDY)		EPL6 (STW2BDY)						pH	TSS	Cu		Pb			Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot	Diss	Tot		Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot							Diss		
6.6	31.0	0.045	0.061		0.077	1.7	1.8	6.7	27.0	0.05	0.01	0.04	0.09	2.77	2.66	
September 2018																Comments
Sampled: 3/9/2018		Received: 19/10/2018						Posted: 20/10/2018						None		
EPL3 (STW3)		EPL4 (STW2)						pH	TSS	Cu		Pb			Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot	Diss	Tot		Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot							Diss		
6.7	115	0.087	1.23	0.076	1.110	2.09	5.02	6.5	82.0	0.18	0.88	0.04	0.85	2.98	5.41	
August 2018																Comments
Sampled: 27/8/2018		Received: 20/9/2018						Posted: 20/9/2018						None		
EPL3 (STW3)		EPL4 (STW2)						pH	TSS	Cu		Pb			Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot	Diss	Tot		Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot							Diss		

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

7.0	72.0	0.14	0.56	0.05	0.67	4.60	5.78	7.1	66.0	0.13	0.77	0.01	0.62	3.54	5.47	
July 2018																Comments
Sampled:				Received:				Posted:								No sample taken due to no/insufficient discharge.
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
NS	NS	Diss	Tot	Diss	Tot	Diss	Tot	NS	NS	Diss	Tot	Diss	Tot	Diss	Tot	
June 2018																Comments
Sampled: 4/6/2018				Received: 14/8/2018				Posted: 15/8/2018								None
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
7.1	10.0	Diss	Tot	Diss	Tot	Diss	Tot	7.4	8.0	Diss	Tot	Diss	Tot	Diss	Tot	
May 2018																Comments
Sampled:				Received:				Posted:								No sample taken due to no/insufficient discharge.
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
NS	NS	Diss	Tot	Diss	Tot	Diss	Tot	NS	NS	Diss	Tot	Diss	Tot	Diss	Tot	
April 2018																Comments
Sampled: 4/4/2018				Received: 13/6/2018				Posted: 13/6/2018								None
EPL3 (STW3)								EPL4 (STW4)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
7.4	<5.0	Diss	Tot	Diss	Tot	Diss	Tot	6.4	<5.0	Diss	Tot	Diss	Tot	Diss	Tot	
March 2018																Comments
Sampled: 21/3/2018				Received: 20/4/2018				Posted: 20/4/2018								None

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.4	8.0	0.35	0.52	0.16	0.22	4.3	4.9	7.3	<5.0	0.11	0.12	0.03	0.07	0.66	0.80	
February 2018																Comments
Sampled: 26/2/18				Received: 14/3/2018				Posted: 14/3/2018								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
5.9	32.0	0.25	0.44	0.08	0.25	7.72	8.35	6.7	6.0	0.03	60.05	0.02	0.04	0.51	0.54	
January 2018																Comments
Sampled:				Received:				Posted:								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
December 2017																Comments
Sampled:				Received:				Posted:								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
November 2017																Comments
Sampled: 20/10/2017				Received:				Posted:								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.6	6	0.55	0.68	0.03	0.10	1.52	1.62	7.4	<5.0	0.04	0.06	0.02	0.04	0.40	0.44	

MINERAL CONCENTRATE SHIPLOADER
Water Quality Monitoring Results (mg/L) – Monthly when discharge

October 2017															Comments
Sampled: 20/10/2017					Received:					Posted:					None
EPL3 (STW3)								EPL4 (STW2)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
6.5	28.0	0.09	0.09	0.07	0.06	11.30	10.60	6.7	18.0	0.11	0.15	0.04	0.08	2.20	2.16
September 2017															Comments
Sampled:					Received:					Posted:					No sample taken due to no/insufficient discharge.
EPL3 (STW3)								EPL4 (STW2)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
August 2017															Comments
Sampled:					Received:					Posted:					No sample taken due to no/insufficient discharge.
EPL3 (STW3)								EPL4 (STW2)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
July 2017															Comments
Sampled:					Received:					Posted:					No sample taken due to no/insufficient discharge.
EPL3 (STW3)								EPL4 (STW2)							
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn	
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
June 2017															Comments
Sampled: 7/6/2017					Received:					Posted:					None
EPL3 (STW3)								EPL4 (STW2)							

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.6	9.0	0.04	0.11	0.07	0.16	2.62	2.64	6.8	19.0	0.04	0.09	0.03	0.11	1.09	1.30	
May 2017																Comments
Sampled:				Received:				Posted:								
EPL3 (STW3)								EPL4 (STW2)								No sample taken due to no/insufficient discharge.
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
April 2017																Comments
Sampled:				Received:				Posted:								
EPL3 (STW3)								EPL4 (STW2)								No sample taken due to no/insufficient discharge.
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
March 2017																Comments
Sampled: 17/3/2017				Received: 1/5/2017				Posted: 2/5/2017								
EPL3 (STW3)								EPL4 (STW2)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.9	8.0	0.03	0.18	0.03	0.15	1.34	1.66	7.2	23.0	0.02	0.16	0.03	0.16	0.72	1.10	
February 2017																Comments
Sampled: 27/2/2017				Received:				Posted:								
EPL3 (STW3)								EPL4 (STW2)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.4	10.0	0.08	0.29	0.04	0.21	2.38	2.74	7.0	13.0	0.03	0.13	0.02	0.17	0.33	0.77	

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Water Quality Monitoring Results (mg/L) – Monthly when discharge

		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.3	8.0	0.07	0.13	0.04	0.10	0.10	1.18	7.3	7.0	0.07	0.13	0.04	0.10	1.41	1.32	
August 2016																Comments
Sampled: 28/8/2016				Received: 27/9/2016				Posted: 28/9/2016								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.6	31.0	0.03	0.36	0.04	0.28	4.38	4.65	6.7	28.0	0.08	0.53	0.16	0.70	2.43	3.23	
July 2016																Comments
Sampled: 8/7/2016				Received: 9/9/2016				Posted: 12/9/2016								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	6.0	0.40	0.29	0.14	0.05	3.6	3.8	7.8	<5.0	0.13	0.21	0.06	0.13	1.47	1.54	
June 2016																Comments
Sampled: 5/6/2016				Received: 17/7/2016				Posted: 18/7/2016								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
7.1	6.0	0.40	0.29	0.14	0.05	3.6	3.8	7.1	<5.0	0.11	0.12	0.03	0.06	1.17	1.12	
May 2016																Comments
Sampled: 1/5/2016				Received: 16/6/2016				Posted: 17/6/2016								
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot	
6.8	7.0	0.15	0.23	0.03	0.14	3.3	3.6	7.0	46.0	0.02	0.13	0.07	0.44	1.51	1.53	
April 2016																Comments

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

5.4	14.0	0.53	0.68	0.70	0.86	22.00	20.60	7.0	5.0	0.05	0.07	0.03	0.10	0.52	0.58		
November 2015																Comments	
Sampled: 16/12/2015				Received: 28/1/2016				Posted: 29/1/2016								Attempted sample 1/11 no discharge, took sample at next available rain event 16/12.	
EPL3 (STW3)								EPL4 (STW2)									
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn			
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot		
6.4	44.0	0.80	3.46	0.34	1.78	7.2	13.90	6.6	56.0	0.23	2.04	1.10	1.34	0.99	5.12		
October 2015																Comments	
Sampled: 22/10/2015				Received: 13/11/2015				Posted: 13/11/2015								None	
EPL3 (STW3)								EPL4 (STW2)									
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn			
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot		
6.6	18.0	0.16	0.72	0.18	0.65	3.58	4.58	7.4	10.0	0.11	0.27	0.09	0.38	1.17	1.47		
September 2015																Comments	
Sampled: 4/9/2015				Received: 21/10/2015				Posted: 21/10/2015								None	
EPL3 (STW3)								EPL4 (STW2)									
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn			
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot		
6.3	14.0	0.34	0.48	0.32	0.76	22.90	23.20	6.7	6.7	6.0	0.15	0.22	0.13	1.55	1.74		
August 2015																Comments	
Sampled: 24/8/2015				Received: 22/9/2018				Posted: 22/9/2015								None	
EPL3 (STW3)								EPL4 (STW2)									
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn			
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot		
6.5	17.0	0.28	0.43	0.26	0.72	18.20	16.90	6.9	27.0	0.06	0.49	0.18	1.40	1.67	3.01		
July 2015																Comments	

MINERAL CONCENTRATE SHIPLOADER

Water Quality Monitoring Results (mg/L) – Monthly when discharge

Sampled: 1/7				Received:				Posted:				No sample taken due to no/insufficient discharge.				
EPL3 (STW3)				EPL4 (STW2)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot		Diss	Tot	Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot	Diss	Tot							
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
June 2015															Comments	
Sampled:				Received:				Posted:				No sample taken due to no/insufficient discharge.				
EPL3 (STW3)				EPL4 (STW2)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot		Diss	Tot	Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot	Diss	Tot							
NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
May 2015															Comments	
Sampled: 22/5/2015				Received:				Posted:				pH and TSS not analysed at EPL3.				
EPL3 (STW3)				EPL4 (STW2)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot		Diss	Tot	Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot	Diss	Tot							
NA	NA	0.17	0.45	0.50	1.18	12.20	12.70	NA	NA	0.07	0.12	0.04	0.20	1.44	1.56	
APRIL 2015															Comments	
Sampled: 20/4/2015				Received:				Posted:				pH and TSS not analysed at EPL3.				
EPL3 (STW3)				EPL4 (STW2)				pH	TSS	Cu			Pb		Zn	
pH	TSS	Cu		Pb		Zn				Diss	Tot		Diss	Tot	Diss	Tot
		Diss	Tot	Diss	Tot	Diss	Tot	Diss	Tot							
NA	NA	0.27	0.64	0.14	0.98	9.53	10.00	NA	NA	0.01	0.89	0.02	1.06	0.12	2.29	