

MINERAL CONCENTRATE SHIPLOADER

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

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	
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	

MINERAL CONCENTRATE SHIPLOADER

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

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	
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	

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

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	
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					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 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	

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

October 2022																Comments
Sampled: NA				Received: 30/11/22				Posted: 08/12/22								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	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	

MINERAL CONCENTRATE SHIPLOADER

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

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	
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	

MINERAL CONCENTRATE SHIPLOADER

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

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
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

MINERAL CONCENTRATE SHIPLOADER

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

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	
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	

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

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	
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	

MINERAL CONCENTRATE SHIPLOADER

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

February 2021															Comments	
Sampled: 06/02/2021					Received: 18/03/2021					Posted: 22/03/2021						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		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	
January 2021															Comments	
Sampled: 04/01/2021					Received: 03/03/2021					Posted: 10/03/2021						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		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						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
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	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						
EPL5 (STW3BDY)								EPL6 (STW2BDY)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		None
		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	

MINERAL CONCENTRATE SHIPLOADER

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

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	
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	

MINERAL CONCENTRATE SHIPLOADER

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

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	
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	

MINERAL CONCENTRATE SHIPLOADER

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

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	
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

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	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	
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	0.61	
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	0.51	
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	1.01	
June 2019															Comments	
Sampled: 1/6/2019				Received: 31/7/2019				Posted: 31/7/2019				None				
EPL5 (STW3BDY)				EPL6 (STW2BDY)												

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								
6.8	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	0.81								
May 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								
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								

MINERAL CONCENTRATE SHIPLOADER

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

		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot		
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		
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			
		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 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			
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot		
7.1	10.0	0.11	0.21	0.03	0.13	1.93	2.05	7.4	8.0	70.02	0.22	0.02	0.18	0.78	1.38		
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			
		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 2018																Comments	

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

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										
		Diss	Tot	Diss	Tot	Diss	Tot			Diss	Tot	Diss	Tot	Diss	Tot									
7.4	<5.0	0.07	0.19	0.08	0.33	1.2	1.5	6.4	<5.0	0.05	0.21	0.01	0.19	0.29	0.51									
March 2018																Comments								
Sampled: 21/3/2018								Received: 20/4/2018								Posted: 20/4/2018								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									
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								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									
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:								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									
December 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									

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

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	
October 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	
6.5	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:								
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:								
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				

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

EPL3 (STW3)								EPL4 (STW2)								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									
June 2017																Comments								
Sampled: 7/6/2017								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									
6.6	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									

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

February 2017															Comments	
Sampled: 27/2/2017					Received:					Posted:						
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	
6.4	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	
January 2017															Comments	
Sampled: 20/1/2017					Received: 8/3/2017					Posted: 13/3/2017						
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	
6.9	76.0	0.08	1.14	0.08	0.53	1.50	3.70	6.8	61.0	0.03	1.33	0.04	1.15	0.29	4.40	
December 2016															Comments	
Sampled: 16/12/2016					Received: 18/1/2017					Posted: 22/1/2017						
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	
6.9	12.0	0.22	0.43	0.09	0.26	1.73	2.02	7.5	7.0	0.06	0.31	0.10	0.29	1.10	1.56	
November 2016															Comments	
Sampled:					Received:					Posted:						
EPL3 (STW3)								EPL4 (STW2)								
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		No sample taken due to no/insufficient discharge.
		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	
October 2016															Comments	
Sampled: 13/10/2016					Received: 18/11/2016					Posted: 22/11/2016						
EPL3 (STW3)								EPL4 (STW2)								
															None	

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	
6.3	22.0	0.10	0.25	0.02	0.19	1.90	2.20	6.6	85.0	0.03	0.60	0.03	0.50	0.89	2.28	
September 2016																Comments
Sampled: 14/9/2016				Received: 1/11/2016				Posted: 1/11/2016								
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	
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)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		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)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		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)								None
pH	TSS	Cu		Pb		Zn		pH	TSS	Cu		Pb		Zn		
		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	

MINERAL CONCENTRATE SHIPLOADER

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

May 2016															Comments
Sampled: 1/5/2016					Received: 16/6/2016					Posted: 17/6/2016					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
6.8	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
Sampled: 23/4/2016					Received: 27/5/2016					Posted: 28/5/2016					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
6.85	6.0	0.005	0.016	0.021	0.068	0.330	0.364	6.79	26.0	0.009	0.176	0.204	0.008	0.658	1.20
March 2016															Comments
Sampled: 16/3/2016					Received: 21/4/2016					Posted: 21/4/2016					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	5.0	0.61	0.71	0.11	0.21	2.74	2.89	7.6	5.0	0.12	0.18	0.03	0.11	0.71	0.86
February 2016															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
January 2016															Comments
Sampled: 5/1/2016					Received: 23/2/2016					Posted: 23/2/2016					None
EPL3 (STW3)							EPL4 (STW2)								
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		
6.4	5.0	0.29	0.41	0.37	0.59	4.52	4.91	6.9	<5.0	0.08	0.10	0.12	0.19	0.89	0.95		
December 2015																Comments	
Sampled: 21/12/2015				Received: 28/1/2016				Posted: 29/1/2016									
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		
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									
EPL3 (STW3)								EPL4 (STW2)									Attempted sample 1/11 no discharge, took sample at next available rain event 16/12.
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									
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		
6.6	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									
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		
6.3	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		

MINERAL CONCENTRATE SHIPLOADER

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

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	
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
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
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
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		

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

		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	