

Appendix 4.9.2 – Point Flow measurements, 2008-2015

Data Summary

Table 1: Spot Flow Measurements, 2008-2015

Location in Catchment	Sample Point	Mine Facility (potential impact source)	Date	Year	Month	Quarter	Flow (m ³ /s)
Arpa (downstream of Kechut Reservoir)	Arpa 1	Wider Site Area	10/02/2013	2013	2	1	3.14
Arpa (downstream of Kechut Reservoir)	Arpa 2	Wider Site Area	10/02/2013	2013	2	1	2.67
Arpa (downstream of Kechut Reservoir)	Arpa 2	Wider Site Area	23/11/2013	2013	11	4	2.605
Arpa (downstream of Kechut Reservoir)	Arpa 2	Wider Site Area	08/02/2014	2014	2	1	3.212
Arpa (downstream of Kechut Reservoir)	Arpa 2	Wider Site Area	23/05/2014	2014	5	2	4.411
Arpa (downstream of Kechut Reservoir)	Arpa 2	Wider Site Area	19/06/2015	2015	6	2	4.573
Arpa (downstream of Kechut Reservoir)	Arpa 2	Wider Site Area	02/09/2015	2015	9	3	3.617
Arpa (downstream of Kechut Reservoir)	Arpa 3	Wider Site Area	10/02/2013	2013	2	1	2.96
Arpa (downstream of Kechut Reservoir)	Arpa 4	Wider Site Area	08/02/2014	2014	2	1	3.772
Arpa (downstream of Kechut Reservoir)	Arpa 4	Wider Site Area	23/05/2014	2014	5	2	4.502
Arpa (downstream of Kechut Reservoir)	Arpa 4	Wider Site Area	19/06/2015	2015	6	2	4.661
Arpa (downstream of Kechut Reservoir)	Arpa 4	Wider Site Area	02/09/2015	2015	9	3	4.152
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	02/06/2010	2010	6	2	3.38
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	02/07/2010	2010	7	2	2.74
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	03/08/2010	2010	8	3	2.56
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	03/09/2010	2010	9	3	2.31
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	03/10/2010	2010	10	3	3.6
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	04/11/2010	2010	11	4	2.74
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	02/07/2011	2011	7	2	2.91
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	03/08/2011	2011	8	3	2.8
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	03/09/2011	2011	9	3	2.4
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	20/06/2013	2013	6	2	7.679
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	19/06/2015	2015	6	2	5.283
Arpa (downstream of Kechut Reservoir)	AW009	Wider Site Area	02/09/2015	2015	9	3	3.872
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	02/06/2010	2010	6	2	3.26
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	02/07/2010	2010	7	2	2.83

Kechut Reservoir)							
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	03/08/2010	2010	8	3	2.63
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	03/09/2010	2010	9	3	2.46
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	03/10/2010	2010	10	3	3.48
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	04/11/2010	2010	11	4	2.75
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	02/07/2011	2011	7	2	3
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	03/08/2011	2011	8	3	2.8
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	03/09/2011	2011	9	3	2.8
Arpa (downstream of Kechut Reservoir)	AW010	Wider Site Area	20/06/2013	2013	6	2	3.937
Arpa (upstream of Kechut reservoir)	AWJ1	Wider Site Area	10/02/2013	2013	2	1	1.065
Arpa (upstream of Kechut reservoir)	AWJ1	Wider Site Area	20/06/2013	2013	6	2	3.009
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	20/04/2015	2015	4	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	10/05/2015	2015	5	2	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	28/05/2015	2015	5	2	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	04/06/2015	2015	6	2	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	09/06/2015	2015	6	2	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	15/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP10	Valley Leach Facility	02/09/2015	2015	9	3	0.0002
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	20/04/2015	2015	4	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	10/05/2015	2015	5	2	0.00015
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	28/05/2015	2015	5	2	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	04/06/2015	2015	6	2	<0.0001

Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	09/06/2015	2015	6	2	0.0003
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	15/06/2015	2015	6	2	0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP11	Valley Leach Facility	02/09/2015	2015	9	3	0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	20/04/2015	2015	4	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	10/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	28/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	04/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	09/06/2015	2015	6	2	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	15/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP12	Valley Leach Facility	02/09/2015	2015	9	3	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	20/04/2015	2015	4	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	10/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	28/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	04/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	09/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	15/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP13	Valley Leach Facility	02/09/2015	2015	9	3	0.0004
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	20/04/2015	2015	4	2	0

Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	10/05/2015	2015	5	2	0.0027
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	28/05/2015	2015	5	2	0.0032
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	04/06/2015	2015	6	2	0.0012
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	09/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	15/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP14	Valley Leach Facility	02/09/2015	2015	9	3	<0.0001
Arpa Tributary (downstream of Kechut Reservoir)	FDMP8	Valley Leach Facility	31/05/2015	2015	5	2	0.00045
Arpa Tributary (downstream of Kechut Reservoir)	FDMP8	Valley Leach Facility	19/06/2015	2015	6	2	0.0002
Arpa Tributary (downstream of Kechut Reservoir)	FDMP8	Valley Leach Facility	19/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP8	Valley Leach Facility	02/09/2015	2015	9	3	0
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	20/04/2015	2015	4	2	0.0014
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	03/05/2015	2015	5	2	0.0008
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	10/05/2015	2015	5	2	0.0014
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	28/05/2015	2015	5	2	0.002
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	04/06/2015	2015	6	2	0.0014
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	09/06/2015	2015	6	2	0.0008
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	15/06/2015	2015	6	2	0.0002
Arpa Tributary (downstream of Kechut Reservoir)	FDMP9	Valley Leach Facility	02/09/2015	2015	9	3	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	08/02/2014	2014	2	1	0

Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	09/06/2014	2014	6	2	0.0003
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	20/04/2015	2015	4	2	0.001
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	03/05/2015	2015	5	2	0.0003
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	10/05/2015	2015	5	2	0.0007
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	28/05/2015	2015	5	2	0.0013
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	04/06/2015	2015	6	2	0.0011
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	09/06/2015	2015	6	2	0.00025
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	15/06/2015	2015	6	2	0.0002
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G1	Valley Leach Facility	02/09/2015	2015	9	3	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	30/11/2013	2013	11	4	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	08/02/2014	2014	2	1	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	30/06/2014	2014	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	20/04/2015	2015	4	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	10/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	28/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	04/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	09/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	15/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G2	Valley Leach Facility	02/09/2015	2015	9	3	0

Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	30/11/2013	2013	11	4	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	08/02/2014	2014	2	1	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	30/06/2014	2014	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	20/04/2015	2015	4	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	03/05/2015	2015	5	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	10/05/2015	2015	5	2	0.0053
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	28/05/2015	2015	5	2	0.0063
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	04/06/2015	2015	6	2	0.0008
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	09/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	15/06/2015	2015	6	2	0
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G3	Valley Leach Facility	02/09/2015	2015	9	3	0.0013
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	20/04/2015	2015	4	2	0.0009
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	03/05/2015	2015	5	2	0.00025
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	10/05/2015	2015	5	2	0.0006
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	28/05/2015	2015	5	2	0.0016
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	04/06/2015	2015	6	2	0.0011
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	09/06/2015	2015	6	2	Dry
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	15/06/2015	2015	6	2	0.0001
Arpa Tributary (downstream of Kechut Reservoir)	Site 28 G4	Valley Leach Facility	02/09/2015	2015	9	3	Dry
Arpa Tributary (upstream of Kechut Reservoir)	FDMP1	BRSF	31/05/2015	2015	5	2	0.55

Arpa Tributary (upstream of Kechut Reservoir)	FDMP1	BRSF	09/06/2015	2015	6	2	0.00032
Arpa Tributary (upstream of Kechut Reservoir)	FDMP1	BRSF	19/06/2015	2015	6	2	0.0001
Arpa Tributary (upstream of Kechut Reservoir)	FDMP1	BRSF	02/09/2015	2015	9	3	<0.0001
Arpa Tributary (upstream of Kechut Reservoir)	FDMP2	BRSF	31/05/2015	2015	5	2	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP2	BRSF	09/06/2015	2015	6	2	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP2	BRSF	19/06/2015	2015	6	2	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP2	BRSF	02/09/2015	2015	9	3	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP3	BRSF	10/05/2015	2015	5	2	0.132
Arpa Tributary (upstream of Kechut Reservoir)	FDMP3	BRSF	31/05/2015	2015	5	2	0.073
Arpa Tributary (upstream of Kechut Reservoir)	FDMP3	BRSF	09/06/2015	2015	6	2	0.022
Arpa Tributary (upstream of Kechut Reservoir)	FDMP3	BRSF	19/06/2015	2015	6	2	0.013
Arpa Tributary (upstream of Kechut Reservoir)	FDMP3	BRSF	02/09/2015	2015	9	3	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP4	BRSF	03/05/2015	2015	5	2	0.0004
Arpa Tributary (upstream of Kechut Reservoir)	FDMP4	BRSF	31/05/2015	2015	5	2	0.0021
Arpa Tributary (upstream of Kechut Reservoir)	FDMP4	BRSF	09/06/2015	2015	6	2	0.0016
Arpa Tributary (upstream of Kechut Reservoir)	FDMP4	BRSF	19/06/2015	2015	6	2	0.0011
Arpa Tributary (upstream of Kechut Reservoir)	FDMP4	BRSF	02/09/2015	2015	9	3	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP5	BRSF	31/05/2015	2015	5	2	0.0053
Arpa Tributary (upstream of Kechut Reservoir)	FDMP5	BRSF	09/06/2015	2015	6	2	0.0032
Arpa Tributary (upstream of Kechut Reservoir)	FDMP5	BRSF	19/06/2015	2015	6	2	0.0019

Arpa Tributary (upstream of Kechut Reservoir)	FDMP5	BRSF	02/09/2015	2015	9	3	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP6	BRSF	31/05/2015	2015	5	2	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP6	BRSF	09/06/2015	2015	6	2	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP6	BRSF	19/06/2015	2015	6	2	0
Arpa Tributary (upstream of Kechut Reservoir)	FDMP6	BRSF	02/09/2015	2015	9	3	0
Arpa Tributary (upstream of Kechut Reservoir)	FM10	BRSF	01/12/2013	2013	12	4	0.006
Arpa Tributary (upstream of Kechut Reservoir)	FM10	BRSF	09/02/2014	2014	2	1	0.003
Arpa Tributary (upstream of Kechut Reservoir)	FM10	BRSF	25/05/2014	2014	5	2	0.0151
Arpa Tributary (upstream of Kechut Reservoir)	FM10	BRSF	20/05/2015	2015	5	2	0.071
Arpa Tributary (upstream of Kechut Reservoir)	FM12	BRSF	01/12/2013	2013	12	4	0.00405
Arpa Tributary (upstream of Kechut Reservoir)	FM12	BRSF	20/02/2014	2014	2	1	0.001
Arpa Tributary (upstream of Kechut Reservoir)	FM12	BRSF	25/05/2014	2014	5	2	0.0224
Arpa Tributary (upstream of Kechut Reservoir)	Site 27	BRSF	14/11/2013	2013	11	4	0.006
Arpa Tributary (upstream of Kechut Reservoir)	Site 27	BRSF	05/06/2014	2014	6	2	0.059
Arpa Tributary (upstream of Kechut Reservoir)	Site 27	BRSF	15/06/2015	2015	6	2	0.0019
Arpa Tributary (upstream of Kechut Reservoir)	Site 27	BRSF	19/06/2015	2015	6	2	0.0014
Arpa Tributary (upstream of Kechut Reservoir)	Site 27	BRSF	02/09/2015	2015	9	3	0.0001
Arpa Tributary (upstream of Kechut Reservoir)	AW028	Wider Site Area	15/08/2012	2012	8	3	0.082
Arpa Tributary (upstream of Kechut Reservoir)	AW028	Wider Site Area	10/02/2013	2013	2	1	0.048
Arpa Tributary (upstream of Kechut Reservoir)	AW029	Wider Site Area	15/08/2012	2012	8	3	0.069

Arpa Tributary (upstream of Kechut Reservoir)	AW029	Wider Site Area	19/06/2015	2015	6	2	0.431
Arpa Tributary (upstream of Kechut Reservoir)	AW029	Wider Site Area	02/09/2015	2015	9	3	0.071
Arpa Tributary (upstream of Kechut Reservoir)	AW063	Wider Site Area	05/06/2014	2014	6	2	0.0217
Arpa Tributary (upstream of Kechut reservoir)	FDMP7	Wider Site Area	03/05/2015	2015	5	2	0.0165
Arpa Tributary (upstream of Kechut reservoir)	FDMP7	Wider Site Area	19/06/2015	2015	6	2	0.00015
Darb	AW005	Artavazdes / Tigranes Open Pit		2008			0.0004
Darb	AW005	Artavazdes / Tigranes Open Pit	02/06/2010	2010	6	2	0.24
Darb	AW005	Artavazdes / Tigranes Open Pit	02/07/2010	2010	7	2	0.17
Darb	AW005	Artavazdes / Tigranes Open Pit	03/08/2010	2010	8	3	0.18
Darb	AW005	Artavazdes / Tigranes Open Pit	03/09/2010	2010	9	3	0.18
Darb	AW005	Artavazdes / Tigranes Open Pit	03/10/2010	2010	10	3	0.26
Darb	AW005	Artavazdes / Tigranes Open Pit	4/11/2010	2010	11	4	0.22
Darb	AW005	Artavazdes / Tigranes Open Pit	02/07/2011	2011	7	2	0.2
Darb	AW005	Artavazdes / Tigranes Open Pit	03/08/2011	2011	8	3	0.21
Darb	AW005	Artavazdes / Tigranes Open Pit	03/09/2011	2011	9	3	0.2
Darb	AW005	Artavazdes / Tigranes Open Pit	03/05/2015	2015	5	2	2.541
Darb	AW005	Artavazdes / Tigranes Open Pit	19/06/2015	2015	6	2	0.094
Darb	AW005	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0.188
Darb	AW006	Artavazdes / Tigranes Open Pit		2008			0.0057
Darb	AW006	Artavazdes / Tigranes Open Pit	02/06/2010	2010	6	2	1.04
Darb	AW006	Artavazdes / Tigranes Open Pit	02/07/2010	2010	7	2	0.89
Darb	AW006	Artavazdes / Tigranes Open Pit	03/08/2010	2010	8	3	0.81
Darb	AW006	Artavazdes / Tigranes Open Pit	03/09/2010	2010	9	3	0.77
Darb	AW006	Artavazdes / Tigranes Open Pit	03/10/2010	2010	10	3	1.08
Darb	AW006	Artavazdes / Tigranes Open Pit	04/11/2010	2010	11	4	0.78
Darb	AW006	Artavazdes / Tigranes Open Pit	02/07/2011	2011	7	2	1.08
Darb	AW006	Artavazdes / Tigranes Open Pit	03/08/2011	2011	8	3	0.9
Darb	AW006	Artavazdes /	03/09/2011	2011	9	3	0.9

		Tigranes Open Pit					
Darb	AW006	Artavazdes / Tigranes Open Pit	18/08/2012	2012	8	3	0.23
Darb	AW006	Artavazdes / Tigranes Open Pit	19/06/2015	2015	6	2	1.107
Darb	AW006	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0.189
Darb	Darb1	Artavazdes / Tigranes Open Pit	08/02/2014	2014	2	1	0.432
Darb	Darb1	Artavazdes / Tigranes Open Pit	23/05/2014	2014	5	2	0.408
Darb	Darb1	Artavazdes / Tigranes Open Pit	04/06/2015	2015	6	4	1.76
Darb	Darb2	Artavazdes / Tigranes Open Pit	26/03/2014	2014	3	1	0.828
Darb	Darb2	Artavazdes / Tigranes Open Pit	23/05/2014	2014	5	2	1.193
Darb	Darb2	Artavazdes / Tigranes Open Pit	04/06/2015	2015	6	4	1.873
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit		2008			0.005
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	02/06/2010	2010	6	2	0.18
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	02/07/2010	2010	7	2	0.15
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	03/08/2010	2010	8	3	0.14
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	03/09/2010	2010	9	3	0.14
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	03/10/2010	2010	10	3	0.2
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	4/11/2010	2010	11	4	0.18
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	02/07/2011	2011	7	2	0.2
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	03/08/2011	2011	8	3	0.17
Darb Tributary	AW004	Artavazdes / Tigranes Open Pit	03/09/2011	2011	9	3	0.18
Darb Tributary	AW021	Artavazdes / Tigranes Open Pit	04/12/2013	2013	12	4	0.002
Darb Tributary	AW021	Artavazdes / Tigranes Open Pit	09/02/2014	2014	2	1	0.004
Darb Tributary	AW021	Artavazdes / Tigranes Open Pit	26/05/2014	2014	5	2	0.028
Darb Tributary	AW021a	Artavazdes / Tigranes Open Pit	04/06/2015	2015	6	2	0.019
Darb Tributary	AW064	Artavazdes / Tigranes Open Pit	03/05/2015	2015	5	2	0.544
Darb Tributary	AW064	Artavazdes / Tigranes Open Pit	19/06/2015	2015	6	2	0.011
Darb Tributary	AW064	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0.0002
Darb Tributary	FDMP20	Artavazdes / Tigranes Open Pit	03/05/2015	2015	5	2	0.558
Darb Tributary	FDMP20	Artavazdes / Tigranes Open Pit	19/06/2015	2015	6	2	0.041
Darb Tributary	FDMP20	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0.0004

Darb Tributary	AW041	BRSF	03/05/2015	2015	5	2	0.287
Darb Tributary	AW041	BRSF	10/05/2015	2015	5	2	0.317
Darb Tributary	AW041	BRSF	19/06/2015	2015	6	2	0.01
Darb Tributary	AW041	BRSF	02/09/2015	2015	9	3	0.023
Darb Tributary	North Erato	BRSF	22/06/2013	2013	6	2	0.063
Darb Tributary	North Erato	BRSF	23/11/2013	2013	11	4	0.004
Darb Tributary	North Erato	BRSF	24/03/2014	2014	3	1	0.022
Darb Tributary	North Erato	BRSF	24/03/2014	2014	3	1	0.022
Darb Tributary	North Erato	BRSF	25/05/2014	2014	5	2	0.0276
Darb Tributary	North Erato	BRSF	19/06/2015	2015	6	2	0.0116
Darb Tributary	North Erato	BRSF	02/09/2015	2015	9	3	0.0016
Darb Tributary	FDMP19	Erato Open Pit	31/05/2015	2015	5	2	0.0075
Darb Tributary	FDMP19	Erato Open Pit	09/06/2015	2015	6	2	0.0069
Darb Tributary	FDMP19	Erato Open Pit	19/06/2015	2015	6	2	0.0024
Darb Tributary	FDMP19	Erato Open Pit	02/09/2015	2015	9	3	0
Darb Tributary	MP3	Erato Open Pit	30/11/2013	2013	11	4	0.002
Darb Tributary	MP3	Erato Open Pit	24/03/2014	2014	3	1	0
Darb Tributary	MP3	Erato Open Pit	25/05/2014	2014	5	2	0.0045
Darb Tributary	MP4	Erato Open Pit	04/12/2013	2013	12	4	0.005
Darb Tributary	MP4	Erato Open Pit	24/03/2014	2014	3	1	0.051
Darb Tributary	MP4	Erato Open Pit	24/03/2014	2014	3	1	0.051
Darb Tributary	MP4	Erato Open Pit	25/05/2014	2014	5	2	0.0699
Vorotan	AW015	Artavazdes / Tigranes Open Pit	02/06/2010	2010	6	2	6.4
Vorotan	AW015	Artavazdes / Tigranes Open Pit	02/07/2010	2010	7	2	4.21
Vorotan	AW015	Artavazdes / Tigranes Open Pit	03/08/2010	2010	8	3	1.34
Vorotan	AW015	Artavazdes / Tigranes Open Pit	03/09/2010	2010	9	3	1.16
Vorotan	AW015	Artavazdes / Tigranes Open Pit	3/10/2010	2010	10	3	0.88
Vorotan	AW015	Artavazdes / Tigranes Open Pit	4/11/2010	2010	11	4	1.18
Vorotan	AW015	Artavazdes / Tigranes Open Pit	02/07/2011	2011	7	2	4.3
Vorotan	AW015	Artavazdes / Tigranes Open Pit	03/08/2011	2011	8	3	1.4
Vorotan	AW015	Artavazdes / Tigranes Open Pit	03/09/2011	2011	9	3	1.2
Vorotan	AW015	Artavazdes / Tigranes Open Pit	18/08/2012	2012	8	3	2.934
Vorotan	AW015	Artavazdes / Tigranes Open Pit	05/06/2014	2014	6	2	2.803
Vorotan	AW015	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	4.109
Vorotan	AW001	Wider Site Area		2008			0.003
Vorotan	AW001	Wider Site Area	02/06/2010	2010	6	2	5.22
Vorotan	AW001	Wider Site Area	02/07/2010	2010	7	2	1.74
Vorotan	AW001	Wider Site Area	03/08/2010	2010	8	3	0.8
Vorotan	AW001	Wider Site Area	03/09/2010	2010	9	3	0.66
Vorotan	AW001	Wider Site Area	03/10/2010	2010	10	3	0.57
Vorotan	AW001	Wider Site Area	04/11/2010	2010	11	4	0.7
Vorotan	AW001	Wider Site Area	02/07/2011	2011	7	2	1.7
Vorotan	AW001	Wider Site Area	03/08/2011	2011	8	3	0.9
Vorotan	AW001	Wider Site Area	03/09/2011	2011	9	3	0.7
Vorotan	AW001	Wider Site Area	15/08/2012	2012	8	3	2.591
Vorotan	AW001	Wider Site Area	10/02/2013	2013	2	1	2.095
Vorotan	AW001	Wider Site Area	15/06/2015	2015	6	2	3.604

Vorotan	AW001	Wider Site Area	02/09/2015	2015	9	3	2.742
Vorotan	AW003	Wider Site Area		2008			0.0005
Vorotan	AW003	Wider Site Area	02/06/2010	2010	6	2	9.44
Vorotan	AW003	Wider Site Area	02/07/2010	2010	7	2	4.55
Vorotan	AW003	Wider Site Area	03/08/2010	2010	8	3	1.49
Vorotan	AW003	Wider Site Area	03/09/2010	2010	9	3	1.35
Vorotan	AW003	Wider Site Area	03/10/2010	2010	10	3	1.2
Vorotan	AW003	Wider Site Area	04/11/2010	2010	11	4	1.54
Vorotan	AW003	Wider Site Area	02/07/2011	2011	7	2	4.7
Vorotan	AW003	Wider Site Area	03/08/2011	2011	8	3	1.6
Vorotan	AW003	Wider Site Area	03/09/2011	2011	9	3	1.4
Vorotan	AW003	Wider Site Area	10/03/2013	2013	3	1	3.776
Vorotan	AW003	Wider Site Area	22/06/2013	2013	6	2	6.018
Vorotan	AW003	Wider Site Area	08/02/2014	2014	2	1	3.132
Vorotan	AW003	Wider Site Area	25/04/2014	2014	4	1	8.975
Vorotan	AW003	Wider Site Area	10/05/2015	2015	5	2	6.09
Vorotan	AW003	Wider Site Area	15/06/2015	2015	6	2	7.325
Vorotan	AW003	Wider Site Area	02/09/2015	2015	9	3	3.246
Vorotan	AW007	Wider Site Area		2008			0.0086
Vorotan	AW008	Wider Site Area		2008			0.0047
Vorotan	AW017a	Wider Site Area	10/02/2013	2013	2	1	1.786
Vorotan	AW017a	Wider Site Area	22/06/2013	2013	6	2	4.069
Vorotan	AW065	Wider Site Area	05/06/2014	2014	6	2	0.016
Vorotan	Vorotan	Wider Site Area	10/03/2013	2013	3	1	2.55
Vorotan	Vorotan	Wider Site Area	22/06/2013	2013	6	2	5.954
Vorotan	Vorotan	Wider Site Area	15/11/2013	2013	11	4	2.498
Vorotan	Vorotan	Wider Site Area	15/06/2015	2015	6	2	3.903
Vorotan	Vorotan	Wider Site Area	02/09/2015	2015	9	3	2.007
Vorotan Tributary	AW027	Artavazdes / Tigranes Open Pit	10/03/2013	2013	3	1	0.002
Vorotan Tributary	AW027	Artavazdes / Tigranes Open Pit	20/06/2013	2013	6	2	0.109
Vorotan Tributary	FDMP15	Artavazdes / Tigranes Open Pit	15/06/2015	2015	6	2	0.0018
Vorotan Tributary	FDMP15	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0
Vorotan Tributary	FDMP16	Artavazdes / Tigranes Open Pit	15/06/2015	2015	6	2	0
Vorotan Tributary	FDMP16	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0
Vorotan Tributary	FDMP17	Artavazdes / Tigranes Open Pit	15/06/2015	2015	6	2	0.0076
Vorotan Tributary	FDMP17	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0.002
Vorotan tributary	FDMP18	Artavazdes / Tigranes Open Pit	15/06/2015	2015	6	2	0.0064
Vorotan tributary	FDMP18	Artavazdes / Tigranes Open Pit	02/09/2015	2015	9	3	0.0019
Vorotan Tributary	MP1	Artavazdes / Tigranes Open Pit	04/06/2015	2015	4	2	0.084
Vorotan Tributary	MP2	Artavazdes / Tigranes Open Pit	19/11/2013	2013	11	4	0.009
Vorotan Tributary	MP2	Artavazdes / Tigranes Open Pit	06/06/2014	2014	6	2	0.147
Vorotan Tributary	MP2	Artavazdes / Tigranes Open Pit	04/06/2015	2015	4	2	0.164
Vorotan Tributary	AW030	BRSF	10/03/2013	2013	3	1	0.013
Vorotan Tributary	AW030	BRSF	26/05/2014	2014	5	2	0.001
Vorotan Tributary	AW030	BRSF	05/06/2014	2014	6	2	0.0009

Vorotan Tributary	AW030	BRSF	03/05/2015	2015	5	2	0.0016
Vorotan Tributary	AW030	BRSF	09/06/2015	2015	6	2	0.00045
Vorotan Tributary	AW030	BRSF	19/06/2015	2015	6	2	0.0002
Vorotan Tributary	AW030a	BRSF	16/08/2013	2013	8	3	0.061
Vorotan Tributary	AW030a	BRSF	02/09/2015	2015	9	3	0.0046
Vorotan Tributary	AW040a	BRSF	03/05/2015	2015	5	2	0.227
Vorotan Tributary	AW040a	BRSF	09/06/2015	2015	6	2	0.011
Vorotan Tributary	AW040a	BRSF	19/06/2015	2015	6	2	0.006
Vorotan Tributary	AW040a	BRSF	02/09/2015	2015	9	3	<0.0001
Vorotan Tributary	FM1	BRSF	05/05/2012	2012	5	2	0.162
Vorotan Tributary	FM1	BRSF	19/05/2012	2012	5	2	0.037
Vorotan Tributary	FM1	BRSF	29/05/2012	2012	5	2	0.011
Vorotan Tributary	FM1	BRSF	05/12/2012	2012	12	4	0.062
Vorotan Tributary	FM2	BRSF	05/05/2012	2012	5	2	0.165
Vorotan Tributary	FM2	BRSF	19/05/2012	2012	5	2	0.061
Vorotan Tributary	FM2	BRSF	29/05/2012	2012	5	2	0.048
Vorotan Tributary	FM2	BRSF	05/12/2012	2012	12	4	0.138
Vorotan Tributary	FM3	BRSF	05/05/2012	2012	5	2	0.08
Vorotan Tributary	FM3	BRSF	19/05/2012	2012	5	2	0.008
Vorotan Tributary	FM3	BRSF	29/05/2012	2012	5	2	0.004
Vorotan Tributary	FM3	BRSF	05/12/2012	2012	12	4	0.031
Vorotan Tributary	FM4	BRSF	05/05/2012	2012	5	2	0.002
Vorotan Tributary	FM4	BRSF	19/05/2012	2012	5	2	0.001
Vorotan Tributary	FM4	BRSF	29/05/2012	2012	5	2	0.001
Vorotan Tributary	FM4	BRSF	05/12/2012	2012	12	4	0.001
Vorotan Tributary	FM5	BRSF	05/05/2012	2012	5	2	0.288
Vorotan Tributary	FM5	BRSF	19/05/2012	2012	5	2	0.067
Vorotan Tributary	FM5	BRSF	29/05/2012	2012	5	2	0.053
Vorotan Tributary	FM5	BRSF	05/12/2012	2012	12	4	0.182
Vorotan Tributary	FM5	BRSF	16/08/2013	2013	8	3	0.049
Vorotan Tributary	FM5	BRSF	14/11/2013	2013	11	4	0.004
Vorotan Tributary	FM5	BRSF	22/02/2014	2014	2	1	0.003
Vorotan Tributary	FM5	BRSF	26/05/2014	2014	5	2	0.0602
Vorotan Tributary	FM6	BRSF	05/05/2012	2012	5	2	0.47
Vorotan Tributary	FM6	BRSF	19/05/2012	2012	5	2	0.069
Vorotan Tributary	FM6	BRSF	29/05/2012	2012	5	2	0.059
Vorotan Tributary	FM6	BRSF	05/12/2012	2012	12	4	0.196
Vorotan Tributary	FM6	BRSF	15/11/2013	2013	11	4	0.006
Vorotan Tributary	FM6WEIR	BRSF	26/05/2014	2014	5	2	0.28
Vorotan Tributary	AW026	Erato Open Pit	17/08/2012	2012	8	3	0.024
Vorotan Tributary	AW026	Erato Open Pit	10/03/2013	2013	3	1	0.008
Vorotan Tributary	AW026	Erato Open Pit	20/06/2013	2013	6	2	0.102
Vorotan Tributary	MP1	Erato Open Pit	19/11/2013	2013	11	4	0.004
Vorotan Tributary	MP1	Erato Open Pit	26/05/2014	2014	5	2	0.114
Vorotan Tributary	MP1	Erato Open Pit	04/06/2015	2015	6	2	0.084
Vorotan Tributary	AW002	Wider Site Area		2008			0.0003
Vorotan Tributary	AW002	Wider Site Area	18/08/2012	2012	8	3	0.189
Vorotan Tributary	AW017	Wider Site Area	02/06/2010	2010	6	2	0.1
Vorotan Tributary	AW017	Wider Site Area	02/07/2010	2010	7	2	0.09
Vorotan Tributary	AW017	Wider Site Area	03/08/2010	2010	8	3	0.08
Vorotan Tributary	AW017	Wider Site Area	03/09/2010	2010	9	3	0.07
Vorotan Tributary	AW017	Wider Site Area	03/10/2010	2010	10	3	0.11
Vorotan Tributary	AW017	Wider Site Area	4/11/2010	2010	11	4	0.08
Vorotan Tributary	AW017	Wider Site Area	02/07/2011	2011	7	2	0.1
Vorotan Tributary	AW017	Wider Site Area	03/08/2011	2011	8	3	0.08
Vorotan Tributary	AW017	Wider Site Area	03/09/2011	2011	9	3	0.08
Vorotan Tributary	AW017	Wider Site Area	17/08/2012	2012	8	3	0.012
Vorotan Tributary	AW017	Wider Site Area	26/05/2014	2014	5	2	0.237

Vorotan Tributary	AW025	Wider Site Area	17/08/2012	2012	8	3	0.019
Vorotan Tributary	AW025	Wider Site Area	10/03/2013	2013	3	1	0.015
Vorotan Tributary	AW025	Wider Site Area	20/06/2013	2013	6	2	0.077
Vorotan Tributary	AW066	Wider Site Area	05/06/2014	2014	6	2	0.006
Vorotan Tributary	AW067	Wider Site Area	08/02/2014	2014	2	1	0.029
Vorotan Tributary	AW067	Wider Site Area	24/03/2014	2014	3	1	0.185
Vorotan Tributary	AW067	Wider Site Area	24/03/2014	2014	3	1	0.185
Vorotan Tributary	AW067	Wider Site Area	25/04/2014	2014	4	1	0.205
Vorotan Tributary	AW067	Wider Site Area	25/05/2014	2014	5	2	0.318

Flow data without a date has been sourced from Lydian annual reports. All other data has been derived from the MP5 database, excepting data from 2015, which was provided by Lydian directly.