APPENDIX A – Project Maps, Aquifer Exemption Delineation, and Well Locations

EXHIBIT S-1

AQUIFER EXEMPTION UIC PERMIT NO. AZ396000001 (MAY 1, 1997)



UNDERGROUND INJECTION CONTROL AQUIFER EXEMPTION

FOR

EPA PERMIT #AZ396000001

In compliance with provisions of the Safe Drinking Water Act, as amended, (42 USC 300f-300j-9, commonly known as the SDWA) and attendant regulations incorporated by the U.S. Environmental Protection Agency under Title 40 of the Code of Federal Regulations (CFR), the zone located:

- (1) in the subsurface interval of approximately 400 feet to 1600 feet below ground surface (bgs); and
- (2) below the upper aquifer exemption boundary which is 200 feet above the oxide zone, or the base of the Middle Fine-Grained Unit (MFGU), whichever is further below ground surface; and
- (3) above the lower aquifer exemption boundary which is the base of the reactive interval amenable to copper leach solutions, encompassing the oxide zone, which contains an economical amount of copper, and copper in the sulfide zone that is leachable; and
- (4) laterally within 500 feet of the mine zone boundary delineated in Appendix A of EPA Permit #AZ396000001, and within the line connecting the following coordinate system points:

From a point (point 1) in the southwest of the northwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 748028.6 and easting 646937.7

To a point (point 2) in the southeast of the northwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 748042.1 and easting 648619.5

To a point (point 3) in the southeast of the northwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 747656.9 and easting 648617.4

To a point (point 4) in the southeast of the northeast of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 747675.3 and easting 650811.6

To a point (point 5) in the southeast of the northeast of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 747216.3 easting 650662.8

To a point (point 6) in the southeast of the northeast of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 747230.7 and easting 651548.8

To a point (point 7) in the southeast of the southeast of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 745379.4 and easting 651309.7

To a point (point 8) in the southeast of the southeast of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 745369.4 and easting 651019.1

To a point (point 9) in the northeast of the northeast of Section 33, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 743926.7 and easting 650758.8

To a point (point 10) in the northwest of the northeast of Section 33, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 743922.9 and easting 649898.8

To a point (point 11) in the northwest of the northeast of Section 33, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 743543.9 and easting 649897.6

To a point (point 12) in the northwest of the northwest of Section 33, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 743520.7 and easting 647281.7

To a point (point 13) in the southwest of the southwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 744512.8 and easting 649939.6

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To a point (point 14) in the southwest of the southwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 745392.3 and easting 646862.4

To a point (point 15) in the southwest of the southwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 745391.8 and easting 646552.4

To a point (point 16) in the southwest of the northwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 747466.7 and easting 646824.3

To a point (point 17) in the southwest of the northwest of Section 28, Range 9 East, Township 4 North of the GS & R meridian at Arizona Coordinate system Northing 747468.8 and easting 646938.8

is exempted as an underground source of drinking water (USDW).

This aquifer exemption is granted in conjunction with the Class III Underground Injection Control permit issued to BHP Copper, for the injection of an acidic solution for the purpose of copper production at the Florence In-Situ Project, Pinal County, Arizona.

This aquifer exemption has no expiration date.

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Signed this _____ day of May_____, 1997.

Alexis Strauss, Acting Director Water Division, EPA Region 9

Florence Project Aquifer Exemption Page 3 of 3





G:/PROJECTS/CURIS RESOURCES/38706-CURIS FEASIBILITY/DRAWINGS/2014 UIC APP/FIGURES S/38706-300-S-2.DWG RODRIGUEZ, BRANDY Drawing Layout: ES-STD (11X17) Plot Date: July 29, 2014 Drawing Name: Operator Name:

AQUIFER EXEMPTION BOUNDARY

FIGURE S-2



Drawing Name: G:\PROJECTS\CURIS RESOURCES\38706-CURIS FEASIBILITY\DRAWINGS\2014 UIC APP\FIGURES S\S-1_AQUIFER EXEMP AREA.DWG



FLORENCE COPPER, INC. UIC PERMIT APPLICATION FLORENCE COPPER PROJECT, PRODUCTION TEST FACILITY ATTACHMENT P - MONITORING PROGRAM

Well ID*	Screened Interval (feet) ^b	Screened Aquifer Unit	ADWR No.	Location Coordinates (Northing Easting)	Cadastral Coordinates	Total Depth (feet) ^b	Date Installed	Reference Point Elevation (feet) ^a	Land Elevation (feet) ^a
M14-GL	778-838	LBFU	55-549172	746461.52 N 846750.23 E	D(4-9)28cdc	859	6/2/95	1474.58	1473.2
M15-GU	554-594	LBFU	55-547813	746464.82 N 846697.174 E	D(4-9)28cbc	615	6/6/95	1474.01	1473.1
M22-O	932-1,130	Oxide	55-555831	746514.47 N 846751.26 E	D(4-9)28cbc	1,140	4/12/96	1476.06	1473.3
M23-UBF	210-250	UBFU	55-555824	746512.48 N 846688.13 E	D(4-9)28cbc	250	4/13/96	1475.16	1473.3

Table P-1. Existing POC Wells Proposed for Use in Conjuntion with the PTF

^a Feet above mean sea level (amsl)

^b Feet below ground surface (bgs)

FLORENCE COPPER, INC. UIC PERMIT APPLICATION FLORENCE COPPER PROJECT, PRODUCTION TEST FACILITY ATTACHMENT P - MONITORING PROGRAM

Table P-2 . Proposed New POC, Operational' and Supplemental Monitor Wells for use in Conjunction with the F	PTF
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Well ID	Screened Interval	Screened Aquifer		Proposed Location Coordinates	Cadastral	Total Depth	Data Installed	Reference Point	Land Elevation
			ADWK NU.		Not Drilled Vet			Elevation (leet)	(IEEL)
M92-UBF	200-275	UBFU	Not Drilled Yet	747189.88 N 951005 47 5	Not Diffied Yet	276	IBD	NUT DI III PUL	NOT DITIENT YEL
	F00 (20		Not Drillod Vot	74C742.00 N	Not Drillod Vot	1 000		Not Drillod Vot	Not Drillod Vot
M54-LBF/M54-O	500-620	LDF/U	Not Drilled Yet	746743.08 N	NUL DI IIEU YEL	1,200	IDU	NUT DI MEU YEL	NUT DI IIIeu Yet
	640-1200			847316.08 E					
M55-UBF	240-260	UBFU	Not Drilled Yet	746214.77 N	Not Drilled Yet	260	TBD	Not Drilled Yet	Not Drilled Yet
				847566.24 E					
M56-LBF	320-340	LBF	Not Drilled Yet	746237.06 N	Not Drilled Yet	340	TBD	Not Drilled Yet	Not Drilled Yet
				847543.95 E					
M57-O	525-1200	0	Not Drilled Yet	746132.66 N	Not Drilled Yet	1,200	TBD	Not Drilled Yet	Not Drilled Yet
				847378.11 E					
M58-O	595-1200	0	Not Drilled Yet	746540.33 N	Not Drilled Yet	1,200	TBD	Not Drilled Yet	Not Drilled Yet
				847669.91 E					
M59-O	535-1200	0	Not Drilled Yet	746245.57 N	Not Drilled Yet	1,200	TBD	Not Drilled Yet	Not Drilled Yet
				847901.29 E					
M60-O	445-1200	0	Not Drilled Yet	745890.19 N	Not Drilled Yet	1,200	TBD	Not Drilled Yet	Not Drilled Yet
				847601.34 E					
M61-LBF	400-600	LBF	Not Drilled Yet	745973.42 N	Not Drilled Yet	600	TBD	Not Drilled Yet	Not Drilled Yet
				848184.46 E					
MW-01	320-600	LBF/O	Not Drilled Yet	746480-7050*	Not Drilled Yet	1,200	TBD	Not Drilled Yet	Not Drilled Yet
	630-1200			847407.0326					

^a Feet above mean sea level (amsl)

^b Feet below ground surface (bgs)

* Proposed location, final location will be within 100 ft based on requirements of APP



