

TABLE C-1
SUMMARY OF HORIZONTAL HYDRAULIC CONDUCTIVITY DATA
HERCULES LLC AND PINOVA, INC.
BRUNSWICK, GA

Aquifer Zone	Well ID	Screened Interval (ft bgs)	Hydraulic Conductivity		Average Hydraulic Conductivity	
			cm/sec	ft/day	cm/sec	ft/day
Shallow	UP-1S ^{1,2}	4 - 10	2.3E-03	6.5	3.5E-03	9.8
	POC-1S ^{1,2}	12 - 22	1.8E-03	5.1		
	POC-2S ^{1,2}	15 - 25	1.5E-03	4.2		
	POC-3S ^{1,2}	5 - 10	1.2E-03	3.4		
	ICMRW-02 ⁵	15 - 25	4.5E-03	12.7		
	ICMRW-02 ⁶	15 - 25	2.1E-03	6.0		
	ICMRW-03 ⁵	15 - 25	3.0E-03	8.5		
	HPT Average ⁴	~5 - 20	1.1E-02	32.3		
Intermediate	MW-20I ^{1,3}	35 - 45	9.5E-03	27.0	5.2E-03	27
	MW-11D ^{1,3}	45 - 51	3.0E-03	8.4		
	HPT Average ⁴	~35 - 45	3.0E-03	45.7		
Deep	MW-36D ^{1,3}	81 - 91	2.9E-04	0.8	1.3E-02	37
	POC-1D ^{1,2}	97 - 107	6.1E-04	1.7		
	POC-2D ^{1,2}	97 - 107	1.6E-03	4.5		
	POC-3D ^{1,2}	87 - 97	1.4E-03	4.0		
	UP-1D ^{1,2}	85 - 95	5.5E-04	1.6		
	UP-1D(R) ^{1,3}	86 - 96	3.5E-03	9.8		
	MF-5 ⁴	78 - 83	2.7E-02	76.8		
	MF-5 ⁴	85 - 90	2.9E-02	83.6		
	MF-5 ⁴	75 - 90	2.9E-02	81.6		
	PSOW-1 ⁵	78.5 - 83.5	6.9E-03	19.7		
	PSOW-2 ⁵	85 - 90	9.1E-03	25.8		
	PSOW-7 ⁵	78 - 83	1.0E-02	28.7		
	PSOW-8 ⁵	84.5 - 89.5	2.5E-02	69.9		
	PSINJ-1 ⁵	75 - 90	1.4E-02	40.9		
	PSINJ-2 ⁵	75 - 90	2.7E-02	75.5		
HPT Average ⁴	~70 - 100	2.1E-02	59.7			

Notes:

- ¹ Based on individual well aquifer test using a solid slug.
- ² Newfields, 2001.
- ³ Delta Consultants, 2010.
- ⁴ Antea Group, 2015 Hydraulic Profiling, MF-5 is coincident to PSOW-7/8.
- ⁵ Antea Group, 2015 Pneumatic Slug Testing.
- ⁶ Antea Group, 2015 Pump Test.