

Groundwater Elevation Monitoring
Monitoring Wells on Timnath Connell Site and Swift (CYO) Property

Permit # M-1999-050

Monitoring Piezometer not installed - Mistaken Reading - or Damaged Piezometer																			
Surface Elevation		4832.8		4832.8		4828.3		4825.6		4825.9		4827.1		4825.6		4824.87		4820.27	
Monitor		Well #1		Well #2		Well #3		Well #4		Well #5		Well #6		Well #7		Well #8		Well #9	
Data	Date	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation
Terracon	4/12/1999	3.50	4829.30	6.50	4826.30	6.00	4822.30	6.50	4819.10	2.50	4823.40		4827.10		4825.60		4824.87		4820.27
Terracon	5/20/1999	1.80	4831.00	3.70	4829.10	2.90	4825.40	3.30	4822.30	3.00	4822.90		4827.10		4825.60		4824.87		4820.27
Terracon	5/27/1999	2.10	4830.70	3.80	4829.00	2.70	4825.60	3.50	4822.10	3.20	4822.70		4827.10		4825.60		4824.87		4820.27
Terracon	6/7/1999	2.50	4830.30	4.30	4828.50	3.30	4825.00	3.90	4821.70	3.30	4822.60		4827.10		4825.60		4824.87		4820.27
Terracon	6/14/1999	2.80	4830.00	4.50	4828.30	3.70	4824.60	4.10	4821.50	3.40	4822.50		4827.10		4825.60		4824.87		4820.27
Terracon	6/24/1999	2.70	4830.10	4.50	4828.30	1.10	4827.20	4.30	4821.30	3.50	4822.40		4827.10		4825.60		4824.87		4820.27
Terracon	7/1/1999	2.30	4830.50		4832.80	1.30	4827.00	2.70	4822.90	3.50	4822.40		4827.10		4825.60		4824.87		4820.27
Terracon	7/9/1999	2.60	4830.20	3.20	4829.60	0.80	4827.50	1.50	4824.10	2.90	4823.00		4827.10		4825.60		4824.87		4820.27
Terracon	7/27/1999	2.60	4830.20		4832.80	3.20	4825.10	0.80	4824.80	0.00	4825.90		4827.10		4825.60		4824.87		4820.27
Terracon	8/9/1999	2.90	4829.90	3.70	4829.10	4.20	4824.10	1.80	4823.80	3.20	4822.70		4827.10		4825.60		4824.87		4820.27
Terracon	8/30/1999	2.90	4829.90	4.20	4828.60	4.30	4824.00	2.30	4823.30	3.20	4822.70		4827.10		4825.60		4824.87		4820.27
Terracon	9/14/1999	3.70	4829.10	4.10	4828.70	3.80	4824.50	3.80	4821.80	3.20	4822.70		4827.10		4825.60		4824.87		4820.27
Terracon	9/30/1999	3.50	4829.30	4.70	4828.10	4.50	4823.80	3.90	4821.70	3.70	4822.20		4827.10		4825.60		4824.87		4820.27
Terracon	10/4/1999		4832.80		4832.80		4828.30	0.00	4825.60	0.00	4825.90	9.00	4818.10	4.50	4821.10	4.50	4820.37	8.50	4811.77
Terracon	10/12/1999	3.60	4829.20	5.20	4827.60	5.10	4823.20	4.60	4821.00	3.60	4822.30	5.00	4822.10	4.30	4821.30	2.30	4822.57	4.90	4815.37
Terracon	10/25/1999	3.60	4829.20	5.30	4827.50	5.10	4823.20	4.70	4820.90	3.60	4822.30	5.30	4821.80	4.20	4821.40	2.60	4822.27	5.20	4815.07
Terracon	11/17/1999	3.40	4829.40	5.70	4827.10	5.30	4823.00	5.10	4820.50	3.80	4822.10	5.30	4821.80	4.80	4820.80	3.00	4821.87	5.50	4814.77
Terracon	11/29/1999	3.40	4829.40	5.60	4827.20	5.40	4822.90	5.10	4820.50	3.70	4822.20	5.50	4821.60	4.80	4820.80	2.80	4822.07	5.50	4814.77
Terracon	12/14/1999	3.50	4829.30	5.50	4827.30	5.30	4823.00	5.20	4820.40	3.50	4822.40	5.40	4821.70	4.60	4821.00	2.50	4822.37	5.40	4814.87
Terracon	1/4/2000	3.30	4829.50	5.10	4827.70		4828.30	4.80	4820.80	3.30	4822.60	4.80	4822.30	4.60	4821.00	2.80	4822.07	4.30	4815.97
Terracon	1/25/2000	2.60	4830.20	5.50	4827.30	5.50	4822.80	5.20	4820.40	2.30	4823.60	0.00	4827.10	0.00	4825.60	0.00	4824.87	0.00	4820.27
Terracon	2/16/2000	3.00	4829.80	4.80	4828.00	5.50	4822.80	5.20	4820.40	2.30	4823.60	4.80	4822.30	5.00	4820.60	2.80	4822.07	4.80	4815.47
Terracon	2/29/2000	2.80	4830.00	5.40	4827.40	5.70	4822.60	5.00	4820.60	1.70	4824.20	4.50	4822.60	4.60	4821.00	2.50	4822.37	5.30	4814.97
Terracon	3/14/2000	3.10	4829.70	5.30	4827.50	5.80	4822.50	5.30	4820.30	2.00	4823.90	4.70	4822.40	4.80	4820.80	2.80	4822.07	5.50	4814.77
Terracon	3/27/2000	3.30	4829.50	5.70	4827.10	5.80	4822.50	5.50	4820.10	2.00	4823.90	4.70	4822.40	5.30	4820.30	2.80	4822.07	4.70	4815.57
Terracon	4/11/2000	3.30	4829.50	5.80	4827.00	5.90	4822.40	5.00	4820.60	2.20	4823.70	4.60	4822.50	5.00	4820.60	3.00	4821.87	5.70	4814.57
Terracon	4/26/2000	3.50	4829.30	5.20	4827.60	5.80	4822.50	5.00	4820.60	2.80	4823.10	4.90	4822.20	5.10	4820.50	2.80	4822.07	4.80	4815.47
Terracon	5/9/2000	3.10	4829.70	4.80	4828.00	4.10	4824.20	1.50	4824.10	5.80	4820.10	7.50	4819.60	3.30	4822.30	3.00	4821.87	4.30	4815.97
Terracon	5/24/2000	5.00	4827.80	4.50	4828.30	8.50	4819.80	6.50	4819.10	0.00	4825.90	1.50	4825.60	6.50	4819.10	9.30	4815.57	5.00	4815.27
Terracon	6/7/2000		4832.80	8.50	4824.30	2.30	4826.00	4.50	4821.10	4.00	4821.90	8.00	4819.10	6.00	4819.60	8.00	4816.87	0.50	4819.77
Terracon	6/12/2000	3.70	4829.10	4.90	4827.90	4.60	4823.70	2.00	4823.60	7.20	4818.70	8.20	4818.90	2.80	4822.80	3.20	4821.67	4.00	4816.27
Terracon	6/30/2000	3.00	4829.80	4.00	4828.80	3.90	4824.40	2.00	4823.60	0.00	4825.90	8.70	4818.40	3.20	4822.40	3.10	4821.77	4.50	4815.77
Terracon	8/2/2000	2.60	4830.20	2.80	4830.00	3.90	4824.40	2.10	4823.50	7.40	4818.50	6.30	4820.80	2.40	4823.20	2.60	4822.27	3.50	4816.77
Terracon	8/15/2000	2.10	4830.70		4832.80	3.50	4824.80	1.90	4823.70	7.30	4818.60	7.40	4819.70	2.50	4823.10	2.70	4822.17	3.40	4816.87
Terracon	9/1/2000	3.50	4829.30		4832.80	4.20	4824.10	2.50	4823.10	7.60	4818.30	8.00	4819.10	3.00	4822.60	2.80	4822.07	4.50	4815.77
Terracon	9/20/2000	4.10	4828.70		4832.80	5.40	4822.90	2.30	4823.30	7.60	4818.30	9.20	4817.90	3.50	4822.10	3.20	4821.67	5.00	4815.27
Terracon	10/15/2000	3.70	4829.10	0.00	4832.80	6.40	4821.90	3.70	4821.90	7.80	4818.10	9.30	4817.80	3.90	4821.70	2.70	4822.17	5.40	4814.87
Terracon	10/30/2000		4832.80	6.50	4826.30	6.80	4821.50	4.50	4821.10	8.00	4817.90	6.00	4821.10	4.80	4820.80	0.00	4824.87	5.50	4814.77

Surface Elevation		4832.8		4832.8		4828.3		4825.6		4825.9		4827.1		4825.6		4824.87		4820.27	
Monitor		Well #1		Well #2		Well #3		Well #4		Well #5		Well #6		Well #7		Well #8		Well #9	
Data	Date	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation
Terracon	11/28/2000		4832.80	6.50	4826.30	6.60	4821.70	5.30	4820.30	7.80	4818.10	9.60	4817.50	5.20	4820.40	3.40	4821.47	5.70	4814.57
Terracon	1/12/2001		4832.80	6.60	4826.20	6.40	4821.90	5.20	4820.40	7.50	4818.40	9.80	4817.30	5.20	4820.40	0.00	4824.87	5.40	4814.87
Terracon	1/25/2001		4832.80	6.80	4826.00	6.40	4821.90	5.40	4820.20	7.40	4818.50	10.00	4817.10	5.50	4820.10	4.10	4820.77	5.60	4814.67
Terracon	2/19/2001		4832.80	7.40	4825.40	7.40	4820.90	6.00	4819.60	0.00	4825.90	10.70	4816.40	6.20	4819.40	0.00	4824.87	5.90	4814.37
Terracon	3/9/2001		4832.80	6.40	4826.40	6.40	4821.90	5.60	4820.00	0.00	4825.90	9.80	4817.30	5.40	4820.20	4.10	4820.77	5.30	4814.97
Terracon	3/28/2001		4832.80	7.20	4825.60	6.90	4821.40	6.10	4819.50	7.00	4818.90	10.10	4817.00	5.80	4819.80	0.00	4824.87	5.50	4814.77
Terracon	4/24/2001		4832.80		4832.80		4828.30	5.90	4819.70	0.00	4825.90	9.10	4818.00	6.00	4819.60	4.00	4820.87	0.00	4820.27
Terracon	5/16/2001		4832.80	5.70	4827.10	6.30	4822.00	5.60	4820.00	6.10	4819.80	8.80	4818.30	5.70	4819.90	3.30	4821.57	4.50	4815.77
Terracon	5/29/2001		4832.80	5.20	4827.60	4.60	4823.70	4.40	4821.20	6.70	4819.20	6.10	4821.00	5.70	4819.90	3.50	4821.37	4.50	4815.77
Terracon	6/15/2001		4832.80	5.30	4827.50	3.70	4824.60	5.30	4820.30	6.70	4819.20	8.40	4818.70	5.60	4820.00	3.60	4821.27	4.50	4815.77
Terracon	6/29/2001		4832.80	5.30	4827.50	3.70	4824.60	5.30	4820.30	6.70	4819.20	8.40	4818.70	5.60	4820.00	3.60	4821.27	4.50	4815.77
Terracon	7/23/2001		4832.80	0.00	4832.80	4.00	4824.30	4.10	4821.50	6.60	4819.30	8.90	4818.20	4.60	4821.00	2.80	4822.07	3.60	4816.67
Terracon	8/23/2001		4832.80	0.00	4832.80	2.00	4826.30	4.70	4820.90	7.30	4818.60	9.30	4817.80	5.30	4820.30	3.20	4821.67	4.60	4815.67
Terracon	10/31/2002	5.70	4827.10	7.00	4825.80	6.30	4822.00	5.30	4820.30	2.20	4823.70	4.00	4823.10	3.60	4822.00	2.80	4822.07	5.30	4814.97
Terracon	11/29/2002	6.10	4826.70	7.50	4825.30	6.50	4821.80	6.30	4819.30	2.10	4823.80	4.00	4823.10	3.70	4821.90	3.20	4821.67	5.40	4814.87
Terracon	12/23/2002	6.40	4826.40	7.90	4824.90	6.80	4821.50	6.60	4819.00	2.30	4823.60	4.20	4822.90	3.90	4821.70	3.30	4821.57	5.50	4814.77
Terracon	1/27/2003	8.50	4824.30	8.60	4824.20	6.90	4821.40	6.80	4818.80	2.40	4823.50	4.20	4822.90	3.90	4821.70	3.50	4821.37	5.40	4814.87
Terracon	2/25/2003	6.60	4826.20	8.10	4824.70	6.90	4821.40	7.00	4818.60	2.90	4823.00	4.40	4822.70	4.20	4821.40	3.70	4821.17	5.40	4814.87
Terracon	4/17/2003	8.20	4824.60	6.60	4826.20	6.50	4821.80	6.90	4818.70	2.50	4823.40	4.20	4822.90	4.00	4821.60	3.40	4821.47	4.60	4815.67
Terracon	5/20/2003	7.70	4825.10	5.60	4827.20	4.40	4823.90	5.90	4819.70	2.10	4823.80	3.90	4823.20	3.90	4821.70	3.20	4821.67	3.80	4816.47
Terracon	6/16/2003	7.90	4824.90	6.20	4826.60	5.40	4822.90	7.00	4818.60	2.00	4823.90	3.80	4823.30	4.20	4821.40	3.00	4821.87	4.00	4816.27
Terracon	7/9/2003	7.80	4825.00	4.90	4827.90	2.50	4825.80	6.10	4819.50	1.80	4824.10	3.70	4823.40	4.30	4821.30	2.90	4821.97	3.40	4816.87
Terracon	8/25/2003	7.90	4824.90	5.80	4827.00	5.40	4822.90	4.70	4820.90	2.30	4823.60	4.40	4822.70	4.20	4821.40	2.50	4822.37	4.30	4815.97
Terracon	9/23/2003	7.60	4825.20	6.10	4826.70	6.00	4822.30	7.00	4818.60	1.60	4824.30	3.60	4823.50	4.20	4821.40	2.80	4822.07	4.50	4815.77
Terracon	10/22/2003	7.90	4824.90	6.70	4826.10	6.30	4822.00	5.90	4819.70	1.80	4824.10	3.90	4823.20	4.10	4821.50	2.80	4822.07	4.40	4815.87
Terracon	12/2/2003	7.90	4824.90	7.00	4825.80	6.40	4821.90	7.40	4818.20	2.20	4823.70	4.20	4822.90	4.30	4821.30	2.90	4821.97	5.10	4815.17
Terracon	2/26/2004	8.00	4824.80	7.70	4825.10	6.80	4821.50	8.00	4817.60	2.40	4823.50	4.30	4822.80	4.90	4820.70	3.00	4821.87	5.00	4815.27
Terracon	3/25/2004	8.00	4824.80	7.50	4825.30	6.70	4821.60	8.00	4817.60	2.70	4823.20	4.60	4822.50	5.00	4820.60	3.70	4821.17	5.10	4815.17
Terracon	4/23/2004	7.90	4824.90	7.10	4825.70	3.60	4824.70	8.00	4817.60	3.00	4822.90	4.80	4822.30	5.00	4820.60	3.40	4821.47	4.80	4815.47
Terracon	6/11/2004	7.40	4825.40	4.70	4828.10	3.80	4824.50	6.50	4819.10	1.50	4824.40	3.30	4823.80	4.10	4821.50	3.40	4821.47	4.90	4815.37
Terracon	7/7/2004	7.30	4825.50	4.60	4828.20		4828.30	6.20	4819.40	1.30	4824.60	3.70	4823.40	4.40	4821.20	3.30	4821.57	4.70	4815.57
Terracon	8/23/2004	7.20	4825.60	4.60	4828.20		4828.30	5.20	4820.40	1.90	4824.00	3.90	4823.20	3.60	4822.00	3.10	4821.77	4.50	4815.77
Terracon	11/9/2004	7.90	4824.90	6.90	4825.90		4828.30	7.20	4818.40	2.10	4823.80	3.90	4823.20	4.50	4821.10	3.00	4821.87	4.80	4815.47
Terracon	1/25/2005	8.00	4824.80	8.20	4824.60		4828.30	7.90	4817.70	2.00	4823.90	4.20	4822.90	4.80	4820.80	3.50	4821.37	5.40	4814.87
Terracon	4/12/2005	7.50	4825.30	8.30	4824.50		4828.30	7.30	4818.30	2.40	4823.50	4.50	4822.60	4.40	4821.20	3.90	4820.97	5.40	4814.87
Terracon	5/5/2005	7.00	4825.80	7.40	4825.40		4828.30	6.30	4819.30	1.10	4824.80	3.90	4823.20	4.40	4821.20	3.60	4821.27	5.00	4815.27
Terracon	5/19/2005	6.50	4826.30	6.90	4825.90		4828.30	6.70	4818.90	1.20	4824.70	3.60	4823.50	4.10	4821.50	3.70	4821.17	4.50	4815.77
Terracon	6/16/2005	5.80	4827.00	5.50	4827.30		4828.30	5.80	4819.80	0.80	4825.10	3.50	4823.60	3.80	4821.80	3.30	4821.57	3.90	4816.37
Terracon	7/20/2005	6.10	4826.70	4.20	4828.60		4828.30	5.00	4820.60	1.10	4824.80	3.20	4823.90	4.40	4821.20	3.10	4821.77	3.50	4816.77
Terracon	8/5/2005	6.10	4826.70	1.40	4831.40		4828.30	5.30	4820.30	1.30	4824.60	3.40	4823.70	4.40	4821.20	2.90	4821.97	4.30	4815.97
Terracon	10/5/2005	6.00	4826.80	6.80	4826.00		4828.30	6.60	4819.00	1.70	4824.20	3.80	4823.30	4.50	4821.10	2.80	4822.07	4.60	4815.67
Terracon	11/30/2005	6.00	4826.80	7.20	4825.60	5.30	4823.00	7.30	4818.30	2.00	4823.90	3.90	4823.20	4.90	4820.70	2.80	4822.07	5.00	4815.27
Terracon	3/6/2006	6.00	4826.80	7.90	4824.90	4.90	4823.40	7.80	4817.80	1.70	4824.20	3.50	4823.60	4.50	4821.10	3.20	4821.67	4.20	4816.07
Terracon	11/6/2006	6.00	4826.80	6.70	4826.10	4.20	4824.10	8.00	4817.60	1.30	4824.60	4.00	4823.10	5.00	4820.60	3.00	4821.87	5.00	4815.27

See Approved Technical Revision Approval TR-5 - October 5, 2017

Surface Elevation		4832.8		4832.8		4828.3		4825.6		4825.9		4827.1		4825.6		4824.87		4820.27	
Monitor	Date	Well #1		Well #2		Well #3		Well #4		Well #5		Well #6		Well #7		Well #8		Well #9	
		Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation	Depth	Elevation
Connell	6/13/2017		4832.80	9.00	4823.80		4828.30	8.50	4817.10	2.50	4823.40	6.50	4820.60		4825.60	4.25	4820.62	5.50	4814.77
Connell	7/14/2017		4832.80	10.33	4822.47		4828.30	7.40	4818.20	2.00	4823.90	5.00	4822.10		4825.60	4.00	4820.87	4.75	4815.52
Connell	8/18/2017		4832.80	9.50	4823.30		4828.30	7.30	4818.30	2.00	4823.90	4.50	4822.60		4825.60	4.30	4820.57	6.50	4813.77
Connell	10/5/2017		4832.80	12.75	4820.05		4828.30	7.33	4818.27	3.33	4822.57	6.50	4820.60		4825.60	4.33	4820.54	7.50	4812.77
Connell	11/15/2017		4832.80	13.25	4819.55		4828.30	9.25	4816.35	3.00	4822.90	6.75	4820.35		4825.60	4.33	4820.54	7.83	4812.44
Connell	12/6/2017		4832.80	13.00	4819.80		4828.30	9.00	4816.60	3.00	4822.90	6.00	4821.10		4825.60	4.33	4820.54	7.50	4812.77
Connell	1/26/2018		4832.80	12.75	4820.05		4828.30	9.00	4816.60	3.50	4822.40	7.00	4820.10		4825.60	4.33	4820.54	7.50	4812.77
Connell	2/21/2018		4832.80	12.00	4820.80		4828.30	9.25	4816.35	4.00	4821.90	7.50	4819.60		4825.60	4.75	4820.12	7.75	4812.52
Connell	3/15/2018		4832.80	11.75	4821.05		4828.30	9.00	4816.60	4.50	4821.40	7.75	4819.35		4825.60	5.00	4819.87	8.00	4812.27
Connell	4/23/2018		4832.80	11.17	4821.63		4828.30	9.42	4816.18	4.92	4820.98	7.92	4819.18		4825.60	5.00	4819.87	8.00	4812.27
Connell	5/25/2018		4832.80	10.75	4822.05		4828.30	9.50	4816.10	4.58	4821.32	7.50	4819.60		4825.60	4.83	4820.04	8.00	4812.27
Connell	6/29/2018		4832.80	7.83	4824.97		4828.30	6.58	4819.02	3.50	4822.40	6.50	4820.60		4825.60	4.83	4820.04	8.00	4812.27
Connell	7/31/2018		4832.80	7.50	4825.30		4828.30	6.66	4818.94	3.50	4822.40	6.58	4820.52		4825.60	4.58	4820.29	8.50	4811.77
Connell	8/31/2018		4832.80	7.58	4825.22		4828.30	6.83	4818.77	3.50	4822.40	6.83	4820.27		4825.60	4.66	4820.21	8.66	4811.61
Connell	9/28/2018		4832.80	9.00	4823.80		4828.30	8.00	4817.60	4.00	4821.90	7.00	4820.10		4825.60	4.83	4820.04	9.00	4811.27
Connell	11/2/2018		4832.80	11.75	4821.05		4828.30	9.25	4816.35	4.25	4821.65	7.25	4819.85		4825.60	4.83	4820.04	9.33	4810.94
Connell	12/3/2018		4832.80	10.50	4822.30		4828.30	9.75	4815.85	4.42	4821.48	7.25	4819.85		4825.60	4.42	4820.45	9.10	4811.17
Connell	1/31/2019		4832.80	10.00	4822.80		4828.30	9.50	4816.10	4.25	4821.65	7.25	4819.85		4825.60	4.42	4820.45	9.00	4811.27
Connell	2/27/2019		4832.80	9.75	4823.05		4828.30	9.25	4816.35	4.00	4821.90	7.33	4819.77		4825.60	4.50	4820.37	9.10	4811.17
Connell	3/27/2019		4832.80	9.75	4823.05		4828.30	7.50	4818.10	4.00	4821.90	7.00	4820.10		4825.60	4.33	4820.54	8.75	4811.52
Connell	4/29/2019		4832.80	9.50	4823.30		4828.30	6.75	4818.85	3.50	4822.40	7.00	4820.10		4825.60	4.42	4820.45	8.25	4812.02
Connell	5/31/2019		4832.80	8.75	4824.05		4828.30	8.75	4816.85	3.25	4822.65	6.50	4820.60		4825.60	4.17	4820.70	7.75	4812.52
Connell	6/27/2019		4832.80	8.00	4824.80		4828.30	8.50	4817.10	3.25	4822.65	6.50	4820.60		4825.60	4.17	4820.70	8.00	4812.27
Connell	7/31/2019		4832.80	9.75	4823.05		4828.30	8.00	4817.60	3.50	4822.40	6.75	4820.35		4825.60	4.50	4820.37	8.75	4811.52
Connell	8/29/2019		4832.80	9.50	4823.30		4828.30	7.50	4818.10	3.25	4822.65	8.00	4819.10		4825.60	4.00	4820.87	9.25	4811.02
Connell	9/30/2019		4832.80	12.67	4820.13		4828.30	7.17	4818.43	3.17	4822.73	9.00	4818.10		4825.60	3.83	4821.04	9.66	4810.61
Connell	11/5/2019		4832.80	11.50	4821.30		4828.30	7.00	4818.60	3.00	4822.90	7.50	4819.60		4825.60	4.00	4820.87		4820.27
**Due to Snowstorm in Late November the Monitoring wells are covered in Snow and Ice - Could not get a December reading at this time																			