

Levy Nuclear Plant Units 1 and 2
COL Application
Part 2, Final Safety Analysis Report

LNP COL 2.4-4

Table 2.4.12-207
Summary of Piezometer and Monitoring Well Construction Details for the LNP Site

Well ID	Surficial or Bedrock Aquifer	Top of Casing (TOC) Elevation		Ground Elevation ^(b)		Northing (NAD83) ^(a)		Easting		Height from TOC to Ground Surface		Depth, Top of Screen	Depth, Bottom of Screen ^(e)	Measured Total Depth ^(f)	Riser Material	Riser Diameter (inch)	Screen Length (feet)	Borehole Log / Completion Form available?	Date Installed
		Surficial or Bedrock Aquifer	Top of Casing (TOC) Elevation	Ground Elevation ^(b)		Northing (NAD83) ^(a)		Easting		Flush / Stick-up	(feet)	(feet BTOC) ^(d)	(feet BTOC)	(feet BTOC)					
MW-1S	Surficial		45.09	41.95		1719510.77		455053.80		Stick-up	3.14	23.40	33.40	33.65	Sch 40 PVC	2	10	Y/Y	1/30/2007
MW-2S	Surficial		45.84	43.34		1729669.64		455298.09		Stick-up	2.50	23.83	33.83	34.08	Sch 40 PVC	2	10	Y/Y	1/29/2007
MW-3S	Surficial		51.55	48.41		1730335.14		460606.33		Stick-up	3.14	23.49	33.49	33.74	Sch 40 PVC	2	10	Y/Y	1/31/2007
MW-4S	Surficial		48.83	46.38		1721283.93		461369.67		Stick-up	2.45	22.80	32.80	33.05	Sch 40 PVC	2	10	Y/Y	1/30/2007
MW-5S	Surficial		45.52	42.80		1724805.79		456749.35		Stick-up	2.72	23.50	33.50	33.75	Sch 40 PVC	2	10	Y/Y	2/6/2007
MW-6D	Bedrock		45.59	42.66		1724807.03		456756.14		Stick-up	2.93	114.11	124.11	124.36	Sch 40 PVC	2	10	Y/Y	2/5/2007
MW-7S	Surficial		46.91	44.22		1724925.96		458463.69		Stick-up	2.69	23.02	33.02	33.27	Sch 40 PVC	2	10	Y/Y	2/1/2007
MW-8D	Bedrock		46.83	44.00		1724922.19		458475.09		Stick-up	2.83	143.25	153.25	153.50	Sch 40 PVC	2	10	Y/Y	1/31/2007
MW-9S	Surficial		46.08	43.45		1722583.32		458432.35		Stick-up	2.63	23.05	33.05	33.30	Sch 40 PVC	2	10	Y/Y	2/6/2007
MW-10D	Bedrock		46.00	43.51		1722591.07		458428.60		Stick-up	2.49	113.67	123.67	123.92	Sch 40 PVC	2	10	Y/Y	1/31/2007
MW-11S	Surficial		44.70	42.06		1722919.13		456631.88		Stick-up	2.64	22.19	32.19	32.44	Sch 40 PVC	2	10	Y/Y	2/13/2007
MW-12D	Bedrock		44.54	41.89		1722919.35		456622.58		Stick-up	2.65	113.39	123.39	123.64	Sch 40 PVC	2	10	Y/Y	2/13/2007
MW-13S	Surficial		45.78	42.58		1724099.32		457688.61		Stick-up	3.20	23.33	33.33	33.58	Sch 40 PVC	2	10	Y/Y	2/7/2007
MW-14D	Bedrock		45.72	42.56		1724099.32		457695.56		Stick-up	3.16	113.84	123.84	124.09	Sch 40 PVC	2	10	Y/Y	2/6/2007
MW-15S	Surficial		46.24	43.35		1723091.18		458117.36		Stick-up	2.89	23.18	33.18	33.43	Sch 40 PVC	2	10	Y/Y	2/11/2007
MW-16D	Bedrock		46.01	43.34		1723086.94		458110.46		Stick-up	2.67	112.50	122.50	122.75	Sch 40 PVC	2	10	Y/Y	2/12/2007
OW-1	Surficial		45.89	43.21		1724114.06		457688.26		Stick-up	2.68	23.31	33.31	33.56	Sch 40 PVC	2	10	Y/Y	2/7/2007
OW-2	Surficial		45.62	42.56		1724084.22		457702.12		Stick-up	3.06	22.96	32.96	33.21	Sch 40 PVC	2	10	Y/Y	2/10/2007
OW-3	Surficial		45.48	42.39		1724083.78		457718.85		Stick-up	3.09	22.97	32.97	33.22	Sch 40 PVC	2	10	Y/Y	2/6/2007
OW-4	Surficial		45.48	42.41		1724074.76		457678.12		Stick-up	3.07	23.05	33.05	33.30	Sch 40 PVC	2	10	Y/Y	2/6/2007
OW-5	Bedrock		45.53	43.15		1724076.16		457702.65		Stick-up	2.38	112.84	122.84	123.09	Sch 40 PVC	2	10	Y/Y	2/8/2007
OW-6	Intermediate		45.57	42.46		1724100.18		457680.60		Stick-up	3.11	68.86	78.86	79.11	Sch 40 PVC	2	10	Y/Y	1/31/2007
OW-7	Intermediate		45.61	42.59		1724092.30		457702.57		Stick-up	3.02	68.77	78.77	79.02	Sch 40 PVC	2	10	Y/Y	2/9/2007
PW-1	Surficial		45.82	41.99		1724085.88		457687.90		Stick-up	3.83	13.68	33.43	33.68	Sch 40 PVC	6	20	Y/Y	2/13/2007

Notes:

- a) NAD83 = North American Datum 83 (1999) SPC FL W US Survey Feet.
- b) Ground surface elevation is measured from the concrete well pad at the base of the well with the exception of PW-1, which was taken from ground surface because a well pad was not installed.
- c) NAVD88 = North American Vertical Datum 88.
- d) BTOC = below top-of-casing.
- e) Well is finished with a 3-inch flat bottom PVC sump attached to the bottom of the screen.
- f) Measured in the field on March 6, 2007, by CH2M HILL.