Appendix C Discrete Water Level Measurements

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Introduction: Appendix C

Point water level measurements of all piezometers and several of the monitoring wells were made during site visits and displayed in Table C.1. Water levels, contours, and gradients for December 1997, August 1998, June 1999, July 1999, August 1999, November 1999, January 2000, and March 2000 are shown in Figures C.1 – C.8.

Table C.1: Discrete Water Level Measurements

Wet	TOC, ft	Well Depth, ft.	4/28/94	6/2/64*	2/23/86	4/3/97	10/29/97	11/12/97	11/25/97	1/14/98	2/9/95	4/2/98	5/5/98	6/3/08	7/20/08
64	1438.79	6.79	NM	NM	NM	NM	1429.84	1400.39	1433,46	1433.58	1434.51	1433.10	1433.76	1433.55	1631.71
P2	1438.98	9.94	NM	NM	NM.	NM	1429.12	5431.02	1432.30	1432.46	1632.55	1431.03	1432 68	1432.00	1429.50
P3	1435.98	9.87	NM	MM	NM	NM	1428.26	1428.90	1430.29	1430.80	1421.55	1430.12	1431.49	1431.12	1428.49
P4	1435.04	9.74	NM	NM	NM.	NM	1428.52	1428.82	1428,14	1428.54	NF.	1427.78	1429.33	1428.85	1426.58
PS.	1434 65	9.63	NM	ten	NM.	800	1428.29	1426,60	-1426.29	1428.42	1429 73	1427.21	1430.15	1429.53	142621
P6	1434.17	9.43	NM	1974	NM	NM	1425.44	1425.60	1428.76	1426.98	NF	NF	1428.15	1420.73	1425.58
PZ	1432.77	9.77	NM	MM	NM	NM	1425.50	1425.71	1420.42	1425.62	1426.40	1425.82	1427,77	1425.97	1425.33
PB	1422.14	NM	NM	NV.	NM.	PAM:	1425.19	1425.24	1425.96	1425.74	1425.84	1424.80	1427.09	1425.68	dre
P9	1433.01	8.00	NM.	MV	NM	NM	1425.40	1425.45	1426,01	1425.72	dry	div	1427.16	1424 89	dry
F10	1432.10	10.23	OWN AND	1008	NM	NM	1425.41	1425.47	1420.00	1425.79	5424.90	1624.87	5420.51	1624.87	1424.82
P11	1432.74	10.00	NM	NM	NM	NM	1425,48	1425,54	1426.19	1425.93	1425.76	1425.56	1427.63	1425.94	1425.38
P12	1433.26	9.31	NM	NM	NM:	NM	1425.76	1425.90	1428.98	1426.85	1424.88	1426.11	1428.43	1427.24	1425.56
P13	1434,68	9.97	NM	NW	NM	NM	1428.24	1426.42	1427.41	1427.66	1428.15	1426.95	1428,87	1427.99	1426.07
P14	1433.98	8.23	NM	NW	NM	NM	1426.56	1426.87	1428.21	1428.63	1429,49	1427.58	1429.83	1429.16	1425.42
P.15	1434-63	0.72	NM	NM	NM	NM -	1430.25	1430.85	1432.09	1432.06	1432.88	1431.75	1432.59	1431.64	1429.18
P16	1436.04	9.09	NM	NM	NM	NM.	1428.76	1429.35	1431.08	1431.48	NF	1430.69	1432.05	1431.76	1428.94
P17	1457.2	8.75	1456	NW	NM	NM	NM	1431.50	1632.84	1432.82	1439.29	NW	1432.94	1432.82	1431.65
P18	1437.17	8.46	NM.	NW	NM	NM	NM	1432.00	1432.87	1432.85	1433.31	NM	1432,96	1432.85	1431.97
P19	1435.03	2.50	NM	NM	NM	NM	NV	1432.43	1433.05	1433.05	NF	NM	1433.70	1433.71	1432.84
P.20	1434.8	8.50	NM	NM	NM	MM.	NV	NM	1424	1427.60	1428.52	1426.50	1430.00	1429.70	47
P21A	1434.37	5.64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	MM	NM.
P218	1434.38	6.21	NM .	NM	NM	NM	MV	NM	1474	MM	NM:	NM	NM	NW	NM
P21C	1434.37	8.58	NM	NM	NM	NW	NU	NIM	NM	NV	NM	SM	NM	NW	NM
P210	1434.35	9.13	NM .	NM .	NM	NM:	NM	NM	NM	NV	NM:	NM	NM	NW	NM
P22	1433.9	9.12	NVI	NM	NW	NM	194	- NM	128	NW	NM	NM	1376	NW	THE
P23	1438.45	NW	NV	NM	NM	NW	NV	NM	NM	MVI	NM	NM	NM	MM	NV
terres	1432.96	NM	NV	NM	NM	NM	NM	NM	MM	NU	NM	NM	NM	NM	NV
PWW.	1433,64	NM	1424.73	1424.67	1424.72	1424.55	1424,18	1424,34	1424.96	1425	1425.54	NM	1425.42	1425.31	1424.51
MW2	1436.10	NM	1427,90	1428.28	1427,16	1427.60	1427,49	1427.62	1428.13	1428.19	1429.48	NM	1429.34	1429.47	1427.37
WW.	1437.24	NM	_1431.07.	1,430.77	1431:27	1430.05	1 1423,32	1428.35	1430.66	1430.99	1431.79	1430 20	1631.66	143132	1428.57
MW5	1436.62	NM	1432.65	1432.15	1432.56	1431.64	1430,17	1430.52	1432.48	1432.48	1432.20	1430.41	1432.16	1432.06	1429.21
EWM.	1434.81	NM	NM	NM	NM	NM	NM	1426.16	1427.19	1427.12	1427.72	1425,66	1428.61	1427.51	1425.05

Wit	TDC, ft	Well Depth, ft	8/28/98	9/21/96	10/9/98	12/10/98	0/14/99	6/15/99	7/14/99 am	7/14/99 pm	8/19/99	10/7/90	11/20/99	1/12/00	3/15/00
Pf	1436.79	6,79	3432.48	1430.15	dy	1431.93	1452.42	1432.50	1433.81	1433.76	1431.14	dry	1430,98	1433.39	1403.58
P2	1436.95	9.94	1430.06	1427.92	1427,32	1430.61	1429,84	1429,77	1432.36	1432.33	1428.94	1427.49	1428.22	1431,90	1491.97
PS	1425.98	9.87	1428.73	1427.15	1427.36	1429.02	1428.77	1423.86	1430.90	1430.90	1627.79	1420.68	1427.55	1430.31	1430.70
P4	1425.04	9.74	1426.84	1425.72	1425.69	1427.69	1426.63	1426.74	1428.28	1428.22	1425.88	dy	1425.50	1427.90	1428.20
P5	1434.85	9.63	7426.55	1425.45	dry	1420.16	1426.07	1420.02	1423.36	1429.45	1425.71	dry	9425.86	1427.05	1427.50
P/6	1434.17	9,43	1425.89	1426.17	1425.17	1425.91	1426.63	1425,64	1428,42	1426.52	1425,24	dry.	1425.22	1429.32	1426.41
PT	1432.77	9.77	1425.60	1425.07	1424.91	1425.21	1425.37	1425.38	1425,67	1425.69	1425.09	1424.52	1425.08	1425.74	1425.00
P8	1432.14	NM.	dity	dry	dry	dry	dry	dry	dy	dry	dry	dry	dn	div	dry
PP	1433.01	80.6	dry	dry	dy	dry	dry	dy	dry	day	dry	dry	dry	dry	dry
P10 .	1422.19	- 80.23	1424.63	1424.73	1424.01	1424.88	1424.50	1474,84	1424 87	1424.97	1424.73	1424.49	1424.80	1424.82	1424.86
P11	1432,74	10.00	1425.30	1425.04	1425.20	1425.76	1425.00	1425.52	1429.90	1425.99	1425.00	1424.49	1425.04	1425.47	1425.48
P12	1433.25	9.31	1425.66	1425.11	1424.36	1426.92	1425.67	1420.25	1427.74	1427.70	1425,14	1424.59	1425.10	1428.50	1426.13
P13	1434.68	9.97	1426.22	1425.27	1425.57	1427.69	1426.08	1428.52	1428.20	1428.11	1425.33	dry	1425.48	1427.32	1427.30
P14	1423.98	8.23	1426,67	dry	dry	1428.71	1426.41	1426.00	1430.17	1429.79	dry	dry	dy	1428.10	1428.19
P15	1434.63	8.72	1430.65	1427.08	1425.69	1431.35	1430 54	5430.15	1432.07	1432.10	1427.79	1420.56	1425.84	1632.05	1462.02
P16	1436.04	9.00	1430,66	1427:61	1427.49	1429.82	1429.22	1429.23	1431.43	1431.55	1428.24	1427.12	1427.94	1430.73	1431.05
P17	1437.2	6.71	1432.26	1429.49	1429.00	1431.94	1432.37	1432.60	1433.04	1423.00	1430,16	1428.61	1429.37	1432.59	1432.67
Pt8	1437.17	8.45	1432.31	1429.75	1429.27	1432.21	1432,41	1432.06	1433.00	1433.03	1431.48	1428.98	1429.65	1432.64	1432.73
P19	1435.03	2.50	1433.11	dry	dry	1432.91	1433.50	1433.58	1433.78	1433.91	full ENEY	DED DVB1	run pyer	run over	nas over
P20	1434.5	0.32	NF.	dry-	- dy	1428.93	- NM	av	1479.25	1429 19	- dy	dry	dy	dry	68
P21A	1434.37	5.84	NM	NM	NM	NV	NM	dy	dry	dry	dy	dry	dry	dry	ctry
P21B	1434.38	6.21	NM	NM	NM	NV.	NM	diy	dry	city	dry	dry	By	dry	dly
P21C	1434.37	8.36	NM	SM	NM	NM	NM.	dry	dry	diy	dv	div	dy	dry	1426.28
P21D	1434.36	9.13	NM	NW	NM	NV.	NM	1425.43	1425.91	1426.03	dry	dry	dy	1426.14	1426.25
F22	[453.9	9.12	NM	NM	14/4	144	NM.	124	NM	NW.	NM.	1425.35	1425.93	1428.00	1427.21
P23	1438.46	NM	NM.	NM	NM	NM	NM	NM	NM	NM.	1427,85	dry	dy	1430.03	1430.48
temp	1432.96	NM	NM	NM.	NM	NM	NM	NM	NV	NM	1425.69	NM	NM	NM	NM
MWI	1433.64	NM.	1424.55	1424.02	1423.96	1424.85	NM	NM	NM	NM	NM	1423.72	1423.93	1424.85	NM
MW2	1435.10	NM	1427.35	1426.62	1426.60	1427.90	NM	NM	NM	NM.	NM	1425.76	1426.47	1427.38	NM
MVG	1437.24	NM.	1429.13	1427.30	1424 80	1426-60	NA	NM	NW	RM.	NM I	NM	NM	NAME OF THE PERSON NAME OF THE P	NM
MWS	1436.62	NM	1429.65	1427.55	1427.50	1431.62	NM	NM	NV.	NM	NM:	MM	NM	NM	NM
MWS	1434.81	NM:	1426.05	1425.29	NM	NM	NM	NM	NV	NM	1486	NM	1425.44	1426.87	1427.01

Data obtained from Latis, 1999
NM - not investind
NF - not found due to snow or vegetation
TOC - top of casing

Figure C.1: December 1997 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

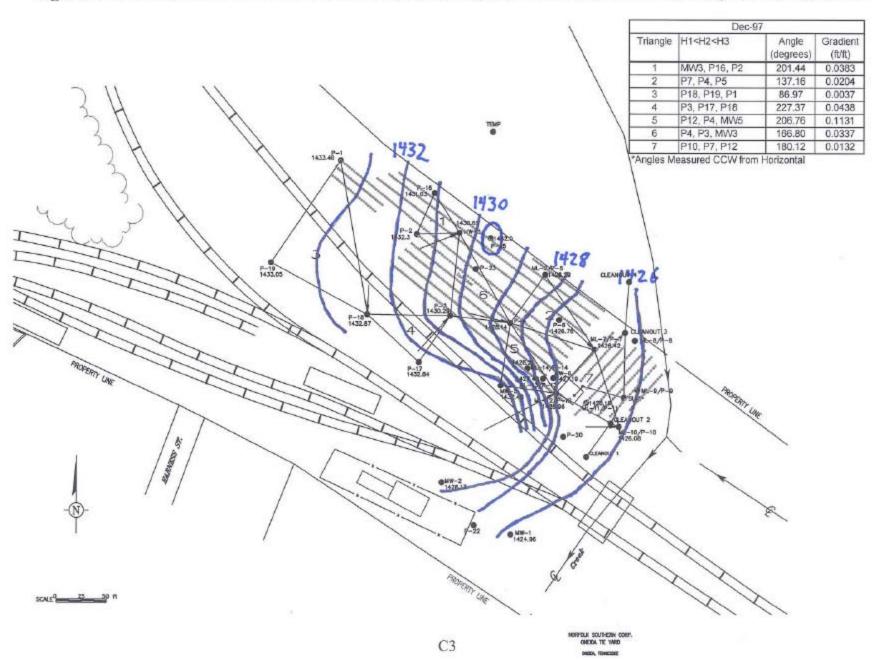


Figure C.2: August 1998 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

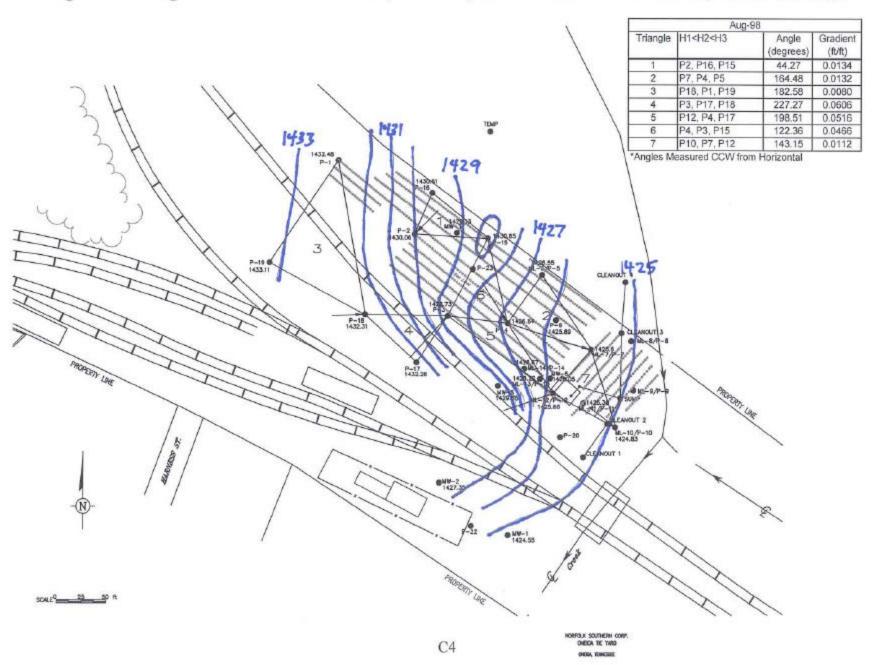


Figure C.3: June 1999 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

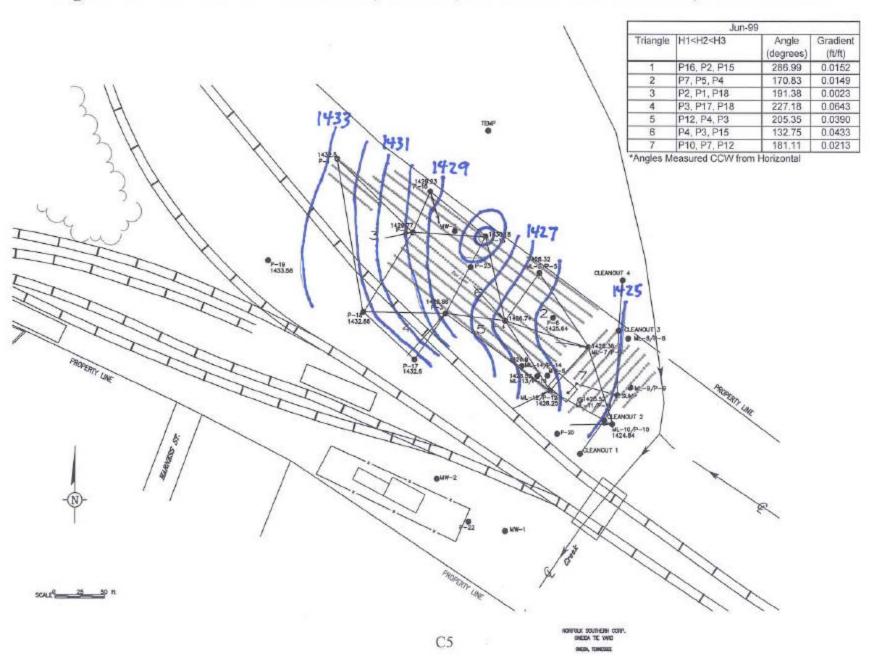


Figure C.4: July 1999 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

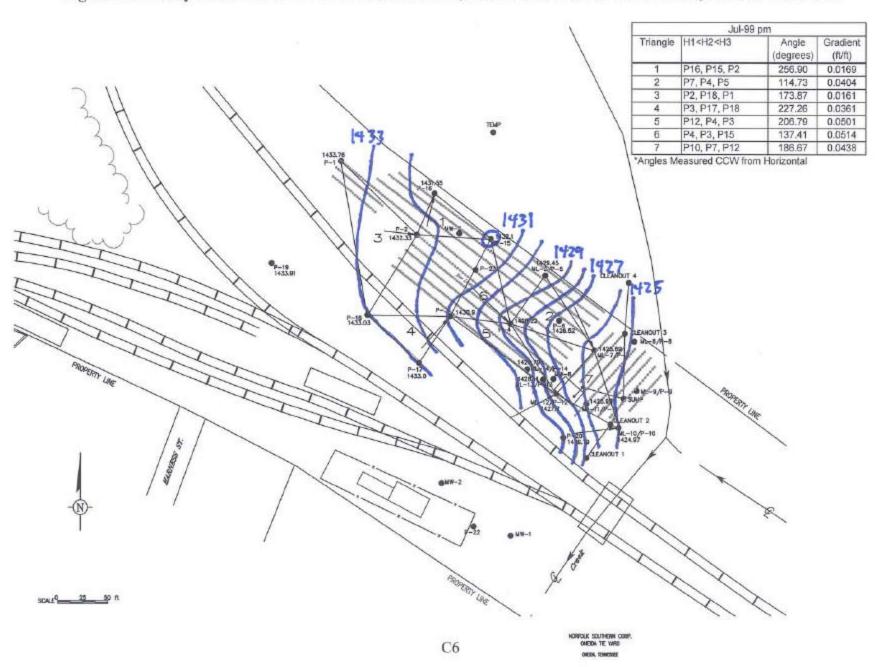


Figure C.5: August 1999 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

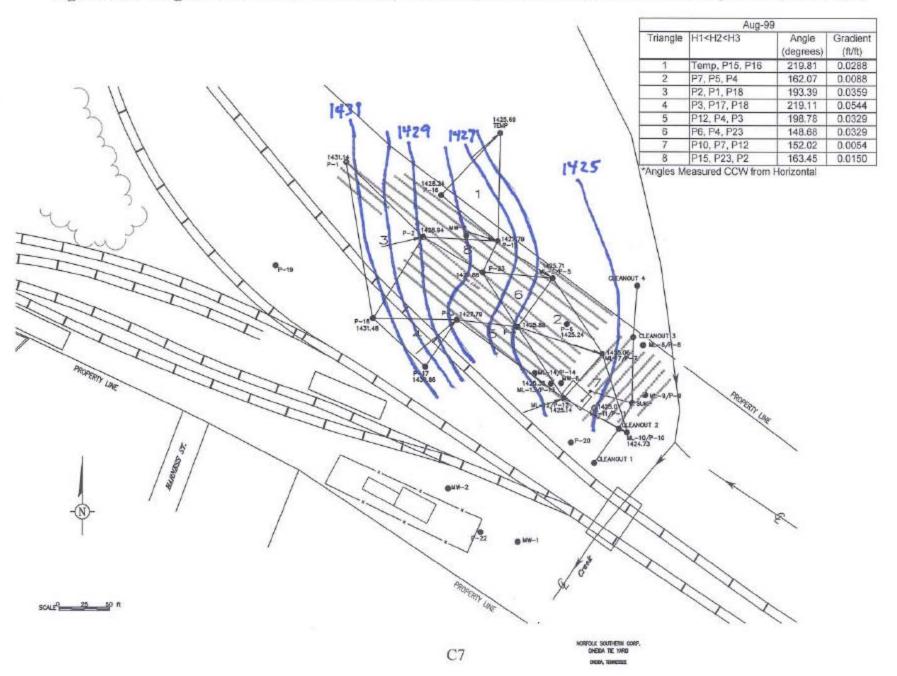


Figure C.6: November 1999 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

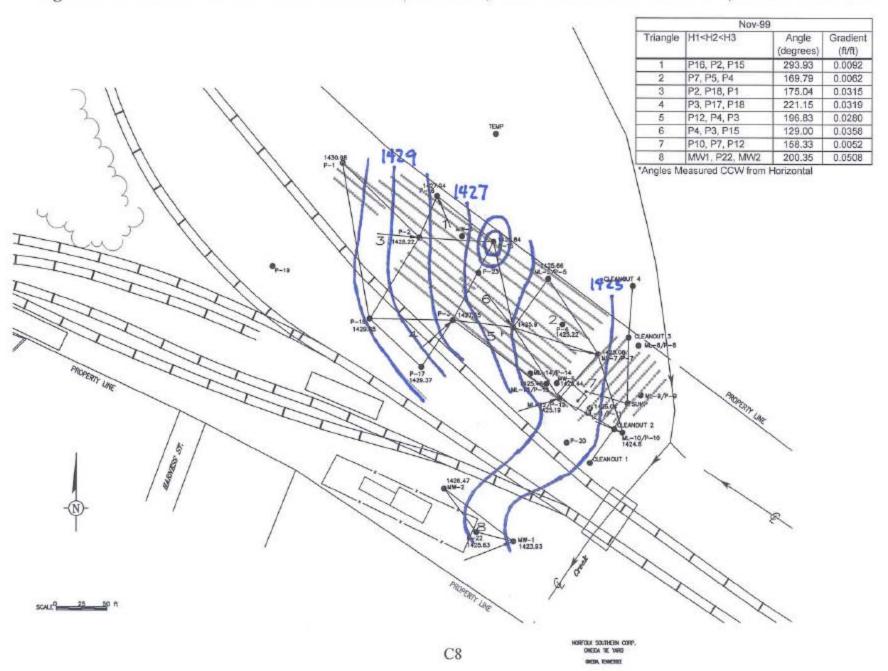


Figure C.7: January 2000 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

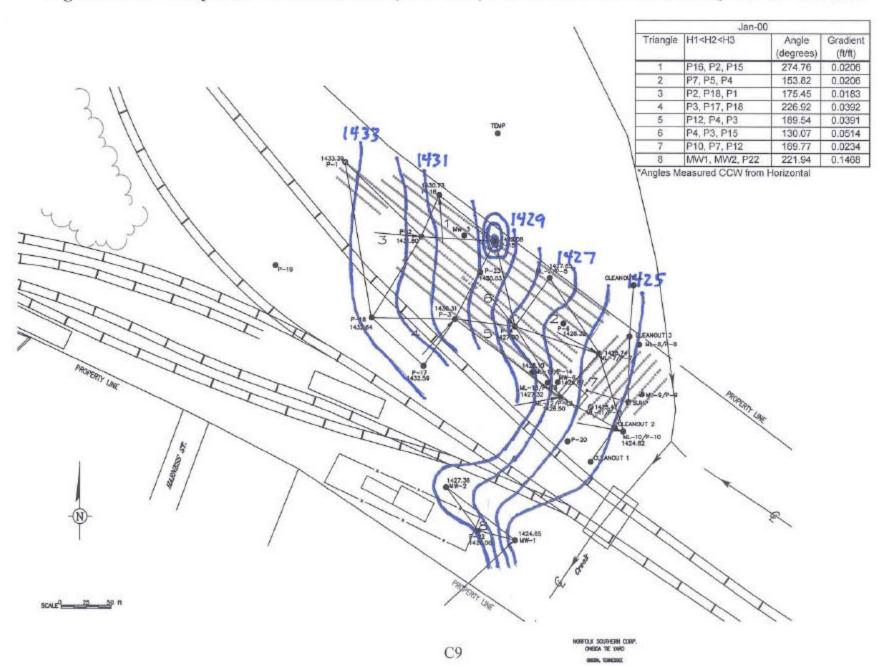


Figure C.8: March 2000 Water Level Data, Contours, and Gradients for the Oneida, TN Tie Yard Site

