TABLES

ROTRON OLIVE SITE
TABLE 1
GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
000 SAMPLES IN AREA NORTH OF AND ALONG NORTHEAST EDGE OF SITE BUILDING							
000 SAMPLES							
001	19.08		4238.33		20558.81		
001 ACT					35.48		
002	12.28		268.21		1202.93		
002 ACT	10.08		184.98		1734.07		
003							ND
003 ACT							ND
004	19.14		13.25				
004 ACT	51.05		334.85		119.70		
005	43.86		427.6	40.99	2068.77		
006			10.31		198.35		
007	25.70		62.79		308.77		
008	2026.32		1738.43	12.89	6407.93		
009	6.68	8.89	265.84	14.02	1543.29		
010	93.27			8.32	635.96		
011	19.21	8.15	1797.30	106.52	12762.32		
012	23.76		34.49	28.50	1621.70		
013			12.01		401.41		
014	5.90		15.39		230.94		
015	17.50				323.07		
016		6.81	263.23		759.20		
017	21.80		39.66		220.80		
018							ND
019			721.61	30.00	3158.02		
020		28.98		53.28	62.64		
021		7.51			51.77		
022			241.92	13.95	1402.39		
023	4.82				47.20		
024 (SAMPLER DAMAGED)							
025					34.29		
026							ND
027		7.53			183.28		
028							ND
029 NO SAMPLE							
030	4205.51		43.75		108.82		
031					11.19		
032							ND
033	16.32				178.78		
034	2266.16				246.52		
035	19607.47		11761.66		14253.92		
036	4329.06		4211.19		2145.62		
O37 ACT	54.80		370.54		315.42		
038 ACT	14.08		867.72		880.60		

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
000 SAMPLES IN AREA NORTH OF AND ALONG NORTHEAST EDGE OF SITE BUILDING *(Continued)*							
039 ACT	69.26				10.01		
040 ACT	15.54				16.96		
041 ACT							ND
042 ACT					47.89		
043 ACT	2856.50		515.54		6822.71		
044 ACT	1449.11		8865.86		19583.41		
045 ACT	9.68		64.65		1518.44		
046 ACT	26.54				643.94		
047 ACT					997.81		
048 ACT							ND
049 ACT					961.28		
100 SAMPLES BENEATH SITE BUILDING							
100			30.57	12.91	365.72		
100 ACT	7.97	13.65	160.78	53.46	2079.96		
101	47.16		160.88		1363.86		
101 ACT	1083.47	6.64	74.6	28.26	7205.85		
102	9.66				31.98		
102 ACT	5.51			38.87	146.4		
103 ACT					424.78		
104 ACT	7.84				280.4		
105 ACT	16.1		23.52	32.08	211.98		
106 ACT	95.8		43.1	40.95	4521.91		
107 ACT	72.15			59.54	2935.8		
108 ACT	56.97		10.83	18.08	1955.73		
109 ACT	55.96		130.30	46.16	1243.08		
110 ACT	85.96						
111 ACT					688.58		
112 ACT	28.95			17.95	249.18		
113 ACT							ND
114 ACT	7.12			10.38	168.13		
115 ACT	59.94			24.46	183.08		
116 ACT	259.61		385.69		6154.02		

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
200 SAMPLES IN AREA OF PIPE FROM BUILDING EAST TO DRYWELL							
200	38.57			17.41	267.44		
200 ACT	68.18			26.48	2504.11	28.7	
201					10.41		
202							ND
203			41.18				
204							ND
205					35.05		
206							
207					125.46		
208							ND
209			118.09	19.72	960.37	106.66	
210					86.42		
211					52.08		
213					58.31	22.75	
214					37.03		
215							ND
216					30.24		
217			12.96		96.58		
218					62.23		
219					18.33		
220							ND
221							ND
300 SAMPLES IN AREA OF EASTERNMOST SITE DRYWELL							ND
300							
301		10.16					ND
302							ND
303							ND
304							ND
305							ND
306							ND
307							ND
308							ND
309							ND
310							ND
311							ND
312							ND
313							ND
314							ND
315							ND
315 ACT							ND
316							ND
316 ACT							ND

ROTRON OLIVE SITE
TABLE 1
GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
300 SAMPLES IN AREA OF EASTERNMOST SITE DRYWELL *(Continued)*							
317							ND
318							ND
319							ND
320							ND
321							ND
322							ND
323							ND
324							ND
325							ND
326							ND
327							
400 SAMPLES IN AREA SOUTH AND WEST OF SITE BUILDING							
400 ACT	243.69	11.43	646.17	110.01	3610.70		
401 ACT	18.15	13.28	18.51	19.70	466.65		
402 ACT							ND
403 ACT							ND
404 ACT							ND
405 ACT							ND
406 ACT							ND
407 ACT	62.93		14.74	34.98	1359.71		
408 ACT							ND
409 ACT							ND
409 PASSIVE @ LATER DATE					345.97		
410 ACT					10.87		
411					20.26		
412							ND
413							ND
414				12.5	90.10		
415					76.89		
416					227.64		
417					429.52		
418					530.27		
418 DUPLICATE					613.78		
419 (IN POND @ INLET CULVT)					405.65		
420 (IN POND EAST OF INLET)					22.26		
421 (IN POND WEST OF INLET)					25.45		
422 (IN POND WEST END)							ND
423							ND
424							ND
425							ND
426							ND
427							ND
428							ND
429							ND
430							ND

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
DRYWELL							
900 (DW SAND)			109.26		565.80		
DRYWELL SLUDG	13.31	911.83		75.13			
DRYWELL SED #2	21.05	669.43	23.72	99.41	24.35		
DRYWELL WATER	11.71	544.12	29.40	109.15	23.13	22.40	
ORANGEBURG PIPE LINE SAMPLES (200 SERIES PASSIVE SAMPLER AREA)							
901 (211A)			800.95		2651.47		
902 (210A)			2074.27		8244.93		
903 (211B)			1855.83	18.56	386.92		
904 (211C)			20.95		410.29		
905 (211D) 4-5FT			16.75		587.67		
906 (OL-SG-208-004-XL) TILL			36.78		53.40		
907 (209+20 FT EAST) TILL			922.59		5598.68		
908 (SG-208 TILL DUPLICATE)			32.58		46.12		
909 (OL-SG-207-004-XL) TILL			146.14		251.97		
910 (OL-SG-209-008-XF) TILL			1760.63		2755.97		
911 (OL-SG-210-005-XF) TILL			184.62		123.59		
SOIL SAMPLES FROM DRYWELL AREA SOUTH OF GREEN STRIPPER BUILDING							
OL-TP-R40-005-XF		11.91	15.41	9.15	541.79		
OL-TP-R40-PIPE-XF	4.18			11.91	392.28		
OL-TP-R40-007-XF	155.84	93.64	79.75	10828.29	9531.99		
OL-TP-R40-007-XF		29.92	679.51		521.99		
OL-TP-R40-008-XF					354.76		
OL-TP-R40-006-XF		35.76	22.15	17.48	1244.49		
OL-TP-R40-010-XF				52.66	44.77		
OL-TP-R40-012-XF				10.67	88.47		
OL-TP-R40-006-XF							ND
OL-TP-R40-006-XF#2							ND
OL-TP-R40-012-XF	4592.23	14.13	118.27	42.74	99.48		
OL-TP-R40-012-XF	862.48			50.25	10.59		
OL-TP-R40-6-12-XF	8.19			22.10	194.10		
OL-TP-R40-013-XF	437.72	18.20		30.73	126.86		
OL-TP-R40-012-XF	173.97		54.06	12.75	780.94		
OL-TP-R40-015-XF	839.85	14.96	19.53	149.71	1229.22		
OL-TP-R40-015-XF(dup lab samp)	28.84				386.15		
OL-TP-R40-012-XF	6291.69	28.14		137.39			
OL-TP-R40-015-XF	1032.79	8.14	36.34	71.90	84.01		
OL-TP-R40-012E-XF(lab split)	998.83			85.36	112.65		
OL-TP-R40-012W-XF	35201.90	119.88	30.99	725.32	2008.96		
OL-TP-R40-009-XF	7376.04	144.49	3177.89	836.98	3794.95		
OL-TP-R40-009-XF (second sample)	7.95	13.05	48.40	40.29	5124.99		

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
SOIL SAMPLES FROM DRYWELL AREA SOUTH OF GREEN STRIPPER BUILDING (Continued)							
OL-TP-R40-008-XF	8.41	52.61	126.38	20.93	1159.42		
OL-TP-R40-012-XF	688.06	9.97	11.97	42.31	419.27		
OL-TP-R40-012-XF					89.52		
OL-TP-R40-009-XF (lab split u/pipe)	347.84	51.68	833.45	103.86	3800.12		
OL-TP-R40-008-XF	81.20	1695.75	4675.26	2368.86	22774.51		
OL-TP-R40-008-XF	46.89	265.31	70.64	258.02	24.25		
OL-TP-R40-008-XF (x10 dilution)	272.3			6133.1	1285.7		
OL-TP-R40-008-XF	3.98	13.58		50.20	86.6		
OL-TP-R40-011-XF	245.40	90.04	214.19	23.34	1627.70		
OL-TP-R40-009-XF	10.01	48.40	135.33	37.31	11085.42		
OL-TP-R40-011a-XF	158387.45	28.98	1146.77	147.61	1391.17		
OL-TP-R40-011a-XF (dup)	159275.80		1117.81	147.02	1254.57		
OL-TP-R40-011a-XF (dilution)	293681.20	113.50	1132.70	326.70	1490.30		
OL-TP-R40-004-XF			12.22		131.26		
OL-TP-R40-004-XF			12.22		131.26		
OL-TP-R40-008-XF	14884.14	56.12	577.89	715.19	1239.94		
OL-TP-R40-004-XF	21.84	99.00	404.41	21.51	1651.94		
OL-TP-R41-009-XF (lab split)	339.88		1692.66		6202.78		
OL-TP-R41-009-XF	21456.60		8216.98		40960.43		
OL-TP-R41-009-XF (x10 dilution)	21576.7		3756.3	66.7	42652.7		
FROM TEST PIT ALONG EAST SIDE OF MAIN BUILDING (Samples collected in 8/96)							
SC-05-01 10X dilution		2014.2	1294.0	3214.2	26099.6		
SC-07-01 10X dilution	1226.3	8207.4		44328.2	311.3		
SC-08-04 10X dilution	15783.1	2315.4	3289.0	1928.0	19185.0		
SC-08-05	906.80	108.07	3314.97	88.47	8191.83		
SC-10-06 10X dilution	76863.2			1026.3	10472.6		
SC-12-03	358.56	235.24	133.84	674.53	777.04		
SC-12-07	1635.66			149.84	192.50		
SC-07-09			297.30		16.91		
SC-07-28	136.89	107.93	165.14		77.49		
SC-08-08 10X dilution	11467.0	198.1	6098.2	204.2	7886.2		
SC-08-12	13952.05		856.48		6098.99		
SC-08-13 10X dilution	344.3		1590.0		15639.4		
SC-09-15	246.81	34.61	1468.33	13.58	27185		
SC-09-20	169.81	14.62	596.11	10.64	198.41		
SC-09-21	616.63	61.64	4928.27	187.77	4890.54		
SC-10-10	916.47	181.13	831.96	55.20	4519.06		
SC-10-18	37.49		575.49		10963.62		
SC-10-27	4844.58		56.67		152.03		
SC-11-17	164.25		15284.50		4481.61		

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
FROM TEST PIT ALONG EAST SIDE OF MAIN BUILDING (Samples collected in 8/96)							
SC-12-16			381.44		2638.23		
SC-13-22	288.69	18.50	1015.70	39.15	1284.04		
SC- 08-30			38.26	13.61	252.10		
SC-10-4	498.97	24.99	2323.73	44.48	33293.08		
SC-11-31	819.03		65.60	20.69	466.35		
SC-05-29	348.51	50.85	790.60	330.58	10493.04		
SC-06-32	521.65	150.66	4196.17	169.64	9697.35		
SC-08-11	19.16		2142.55	11.85	6855.28		
SC-09-25	27.87		601.99		630.42		
SC-10-09			38.26	13.61	252.10		
SC-09-24	99.22	59.17	3306.76		1903.76		
SC-11-23	388.12		17.83	7.88	75.52		
SC-09-26			195.2		232.7		
SC-10-14	32.54		195.45		2872.33		
SC-10-21							ND
SC-10-26							ND
SAMPLES FROM SOUTH END OF NE PARKING LOT							
OL-RE-OB1-06-AF			663.95		2765.97		
OL-RE-OB1-08-AF			18.10		57.63		
OL-RE-OB1-10-AF			17.36		362.78		
OL-RE-OB1-06-CF			1866.09		7291.10		
OL-RE-OB1-11-DF					254.98		
OL-RE-OB2-06-AF					1761.60		
OL-RE-OB1-12-BF			34.42		881.79		
OL-RE-OB1-O5-EF			1438.91		644.04		
OL-RE-OB1-08-FF			1161.98		5542.21		
OL-RE-OB1-07-EF			634.84		1886.69		
OL-RE-OB1-12-GF					177.62		
OL-RE-OB1-N10-EF				19.08	62.94		
OL-RE-OB1-N06-FF			761.61	22.66	1227.04		
OL-RE-OB1-N06-EF			857.98	27.56	1296.13		
OL-RE-OB1-N10-FF			93.48		1265.67		
OL-RE-OB2-08-AF					572.34		
OL-RE-OB1-N06-HF			171.98	31.52	388.91		
OL-RE-OB2-10-AF					123.36		
OL-RE-OB1-N10-GF					123.40		
OL-RE-OB1-N10-HF				29.87	14.78		
OL-RE-OB1-N06-GF			10.62	21.71	179.56		
OL-RE-OB1-NE6-JF			655.71	15.60	426.16		
OL-RE-OB1-NE6-IF			107.64	13.41	281.93		

ROTRON OLIVE SITE
TABLE 1
GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
SAMPLES FROM SOUTH END OF NE PARKING LOT (Continued)							
OL-RE-OB1-N10-KF					78.77		
OL-RE-OB1-N06-KF			14.296		27.159		
OL-RE-OB1-N06-LF			13.68		16.15		
OL-RE-OB1-N10-LF				14.23	752.04		
OL-RE-OB1-N08-DF					895.36		
OL-RE-OB1-T05-AF			182.55		61.93		
OL-RE-OB1-T05-BF			180.94	9.41	129.05		
OL-RE-OB1-T05-DF			65.55		163.72		
OL-RE-OB1-T05-EF			87.02		302.78		
OL-RE-OB1-ECO-XF			831.48		1179.38		
OL-RE-OB1-T06-IF					516.08		
OL-RE-OB1-T04-FF south			1675.49		291.97		
OL-RE-OB1-T06-HF					105.00		
OL-RE-OB1-T06-GF			535.07		489.90		
OL-RE-OB1-T05-CF	23.25		1176.11		1818.85		
OL-RE-OB1-WCO-XF	9.94		1363.39	14.36	4258.98		
OL-RE-OB1-SCO-XF	28.08		439.45		3045.23		
OL-RE-OB1-T04-FF north			162.55		42.09		
OL-RE-OB1-EGR-XL			768.67		2037.99		
OL-RE-OB1-NCO-XF					2209.08		
OL-RE-OB1-TOB-KL					236.79		
OL-RE-OB1-TOS-KL							ND
OL-RE-OB1-TOS-JL					46.07		
OL-RE-OB1-TOB-ML			110.45		234.39		
OL-RE-OB1-TOS-LL					179.07		
OL-RE-OB1-TOB-JL					87.99		
OL-RE-OB1-TOB-LL					596.12		
OL-RE-OB1-BCO-XL	93.93		28.94		905.80		
OL-RE-OB1-TOS-ML					357.38		
OL-RE-OB1-WGR-XL			1575.47		4776.40		
OL-RE-OB2-12-AF							ND
0L-RE-OB2-10-AF					123.36		
OL-RE-OB1-08-FF (trial #2)			950.21		5029.22		
OL-RE-OB1E-08-CF			220.82		1076.59		
OL-RE-OB1S-06-EF			153.93		831.89		
OL-RE-OB1E-08B-CF			47.72	9.21	259.45		
OL-RE-OB1W-08-AF			104.21		629.74		
OL-RE-OB1W-07-BF					213.28		
OL-RE-OB1W-08-CF					241.69		
OL-RE-OB1W-08-CF #2 (repeat)					233.96		
OL-RE-OB1-N08-AF					395.28		
OL-RE-OB1-N08-BF					755.94		
OL-RE-OB1-N08-CF			111.51		1050.37		
OL-RE-OB1-T05-FF							ND

ROTRON OLIVE SITE
TABLE 1
GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
ALONG DRAIN LINE THAT FLOWS INTO OB1							ND
OL-SG-209-008-XL TILL	5.56		181.43		1068.2		
OL-SG-209-017-XL TILL					21.58		
OL-SG-209-006-XL TILL			757.90		1125.08		
OL-SG-209-BW6-A-XF-5ft			740.17		1090.45		
OL-SG-209-BO6-XF-15ft			14.75		221.64		
OL-SG-209-BO6-A-XF-15ft			223.07		745.74		
OL-SG-209-BW6-B-XF-5ft			724.02		1736.54		
OL-SG-209-006-E-XF-10ft			378.85		1622.09		
OL-SG-209-006-XL 9FT SO			253.94		1259.93		
OL-SG-209-006-XL 12FT SO	5.72		6798.43		13992.20		
OL-SG-205-005-XF		486.93		60.61			
OL-SG-204-008-XF	6.58	71.00	21.99	220.21			
OL-SG-204-012-XF	10.66	110.91		643.21			
OL-SG-204-015-XF				65.67			
OL-SG-202-003-XF		129.20		810.01			
OL-SG-203-012-XF		58.96		587.45			
SOUTHERNMOST TEST PIT ALONG EAST SIDE OF MAIN BUILDING ON THE WESTERN EDGE OF THE NE PARKING LOT							
OL-RE-SOT-006-AF 10 X dilution	6697.93	421.02	10165.26	2691.18	111341.84		
OL-RE-SOT-006-AF 100X dilution	22157	1182	9916	5374	440850		
OL-RE-SOT-006-BF 100X dilution	11916		30395	2683	265019		
OL-RE-SOT-012-CF 100X dilution	107343	8280	356075	21870	1511751		
OL-RE-SOT-W08-DF 100X dilution	1571		306984	3888	172890		
OL-RE-SOT-S08-EF 100X dilution	20477	3962	999570	8060	7653		
OL-RE-SOT-M15-GF 100X dilution	882		9927	10415	709339		
OL-RE-SOT-E08-FF 100X dilution	11746	2680	42250	11396	683825		
OL-RE-SOT-M20-HF 100X dilution			1705		4596		
OL-RE-SOT-S17-IF 100X dilution					736		
OL-RE-SOT-S15-IF 10X dilution			120.2	76.0	109.9		
OL-RE-SOT-S10-IF 10X dilution	6544.8				316.2		
OL-RE-SOT-S04-IF no dilution		16.21			182.64		
OL-RE-SOT-S06-IF no dilution			37.50	9.38	829.13		
OL-RE-SOT-W09-AF			62.10		106.80		
OL-RE-SOT-W12-BF			20.35		62.87		
OL-RE-SOT-W10-CF	17496.64	1245.71	111198.37	14438.43	173858.54		
OL-RE-SOT-E08-DF	5160.45	611.91	45838.81	3569.70	103472.70		
OL-RE-SOT-S06-FF	18047.08	1651.65	142474.01	11774.10	203470.40		
OL-RE-SOT-E14-HF	3941.24	276.45	38895.36	1669.30	60923.89		
OL-RE-SOT-E10-IF	494.73	89.44	1776.09	349.79	4787.91		
OL-RE-SOT-W11-EF	29260.30	2318.66	251417.50	23945.34	133858.01		
OL-RE-SOT-E15-JF	838.42			366.53	1045.26		
OL-RE-SOT-E11-GF	2669.95	133.88	11318.95	529.16	58282.38		
OL-RE-SOT-E11-GF 10X dilution	2582.80		8161.50	624.70	83307.00		

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
SOUTHERNMOST TEST PIT ALONG EAST SIDE OF MAIN BUILDING ON THE WESTERN EDGE OF THE NE PARKING LOT *(Continued)*							
OL-RE-SOT-W10-KF	330.35	264.02	13634.82	229.36	12400.34		
OL-RE-SOT-N11-MF	2212.72	97.97	7797.17	960.91	44960.05		
OL-RE-SOT-M16-OF					6801.5		
OL-RE-SOT-W15-NF			506.9		1492.7		
OL-RE-SOT-N10-TF			186.0		638.0		
OL-RE-SOT-E11-YF	34.90	10.03	393.00		291.93		
OL-RE-SOT-E11-PF	447.80		9081.30		26070.70		
OL-RE-SOT-N11-RF	447.6		1534.8		449.0		
OL-RE-SOT-E14-SF			465.21		686.22		
OL-RE-SOT-M16-QF	1902.5			661.0	34163.3		
OL-RE-SOT-M15-UF				116.0	3115.4		
OL-RE-SOT-N16-XF	37.33		386.76	24.23	793.13		
OL-RE-SOT-W11-VF				72.3	107.7		
OL-RE-SOT-N14-WF	22.62		249.17	14.82	567.50		
OL-RE-SOT-M15-ZF					727.26		
OL-RE-SOT-B17-CF	153.86				1308.72		
OL-RE-SOT-W16-LF	86.36		368.47	31.79	6897.62		
DRUM STORAGE AREA							
DS-04-01	1144.51		253.28	87.30	389.35		
DS-04-02	482.81			44.01	54.32		
DS-08-04	49.48			76.34	132.91		
DS-04-05	30.85	193.15	377.12	124.05	1352.66		
DS-04-06							ND
DS-08-07 10X dilution	4168.0	3367.3	1853.6	5487.0	291642.7		
DS-08-08	90.25	108.48	57.81	222.77	5393.34		
DS-04-09 100X dilution	115789	7175	115694	314580	999606		
DS-08-10 10X dilution	1110.9	385.2	27722.6	1591.6	496967.5		
DS-04-11 10X dilution	66.8	936.9		152.6	12474.7		
DS-08-12 10X dilution			3623.0		712561.0		
DS-01-13 10X dilution			994.2		2860.1		
DS-08-03					25.23		
DS-08-12	685.0	450.0	3739.1	1594.3	622055.40		
DS-08-07	5318.71	5592.38	4237.94	7784.61	156276.88		

ROTRON OLIVE SITE

TABLE 1

GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
DRAIN LINE AREA, NORTH-NW PARKING LOT							
DL-06-01					282.11		
DL-04-02	967.79		11552.63		10673.83		
DL-05-03	25.17		9334.30	53.80	4008.13		
DL-05-04	27.47	61.67	3130.66	552.85	6117.44		
DL-04-05		37.87		54.44	723.75		
DL-05-07	142.33		309.86		108.33		
DL-10-08			472.26	16.22	204.23		
DL-02-09		10.62	2474.40	18.92	11787.44		
DL-02-10	48.07		28188.27		37021.53		
DL-04-11					84.74		
DL-03-12	14.53		117.75		2014.20		
DL-04-13	61.22		1818.64		8481.51		
DL-04-14	49.78		4711.29		13324.94		
DL-05-15	28.20		58.17	35.59	661.31		
DL-06-03				321.44	246.67		
DL-03-20				556.08	1182.05		
INSIDE MAIN BUILDING							
OL-TP-100-002-XF	63.76	14.30	287.37	34.39	1091.36		
OL-TP-100-004-XF	98.79			296.63	30.57		
OL-TP-101-002-XF	4.84				334.13		
OL-TP-101-006-XF							
OL-TP-102-002-XF	2791.41	723.76	32406.14	1293.25	222505.94		
OL-TP-102-002-XF DILUTION 10X	698.60	263.40	17809.6	814.70	418317.3		
OL-TP-102-006-XF	4984.21	1053.82	6138.10	2055.19	302630.90		
OL-TP-102-006-XF (10Xdil)	475.5	625.70	406.80	750.00	90999.60		
OL-TP-102-011-XF (100Xdil)	1410			2238	27430		
OL-TP-102-011-XF (10Xdil)		960.40	344.60	3110.50	19444.10		
OL-TP-102-011-XF (10Xdil/lab split)	1286.4	502.2	1432.10	1665.4	308858.1		
OL-TP-102-011-XF (100Xdil/lab split)	1178		2747	3010	210084		
							ND
INSIDE BUILDING IN ROOM WITH FUEL OIL TANK							
500 ACT	647				116.16		
TEST PITS NORTH OF BUILDING ALONG CURTAIN DRAIN AND IN PARKING LOT							
OL-TP-103-002-XF	474.39		7283.77	55.27	8183.55		
OL-TP-103-003-XF	533.57	336.75	66751.93		20336.07		
OL-TP-104-003-XF	272.16		7328.42	23.78	18263.16		
OL-TP-105-003-XF	231.27		14762.32		24255.52		
OL-TP-106-004-XF (S. END)	4662.25		38856.95		60206.59		
OL-TP-106-004-XF (N. END)	1453.35		1385.38	7.26	1094.95		
OL-TP-106-004-XF (CENTER)	3837.55		28740.74		57169.64		

ROTRON OLIVE SITE
TABLE 1
GAS CHROMATOGRAPHY FIELD SCREENING RESULTS

SAMPLE ID	FREON-113	1,1-DCA	CIS-1,2-DCE	1,1,1-TCA	TCE	PCE	ND
DRAIN LINE AREA IN NE PARKING LOT							
DL-03-20 10X dilution			5560.8		118205		
DL-04-25 10X dilution	653.2		835.2		481.5		
DL-06-28 10X dilution	3740.0		21579.3	112.2	47456.8		
DL-06-29 10X dilution	39771.4						
DL-08-21 10X dilution	1502.5		10641.1	289.5	2370.6		
DL-08-22	132.17	295.92	14828.56	3479.66	23333.92		
DL-08-23 10X dilution	97.4		12370.6	146.1	3021.2		
DL-08-24 10X dilution			11156.7		30592.4		
DL-08-26	280.02		12857.46		2901.18		
DL-08-23	332.64	162.12	27114.46	2226.83	5980.43		
DL-03-20	45.58			15192.71	25455.83		
DL-08-27	3986.3			54446.3	38923.7		
DL-08-24	156.69			25450.83	38080.02		
DL-02-09		10.62	2474.40	18.92	11787.44		
DL-06-01					282.11		
DL-10-08			472.26	16.22	204.23		

Rotron-Olive
Table 2
Soil Clean-up Objectives

Industrial Landfill				
Compounds of Concern	4046 Objective for 1% Carbon	Actual Carbon Percentage *	Adjusted Objective (ppm)	Adjusted Objective (ppb)
TCE	0.7	0.74	0.52	520
1,1,1- TCA	0.8	0.74	0.59	590
PCE	1.4	0.74	1.45	1450
Freon 113	6.0	0.74	4.44	4,444
1,1-DCA	0.2	0.74	0.15	150
CIS-1,2-DCE	0.3	0.74	0.22	222

Loading Dock				
Compounds of Concern	4046 Objective for 1% Carbon	Actual Carbon Percentage *	Adjusted Objective (ppm)	Adjusted Objective (ppb)
TCE	0.7	0.34	0.238	238
1,1,1- TCA	0.8	0.34	0.272	272
PCE	1.4	0.34	0.476	476
Freon 113	6.0	0.34	2.04	2,040
1,1-DCA	0.2	0.34	0.068	68
CIS-1,2-DCE	0.3	0.34	0.102	102

East Side of Building				
Compounds of Concern	4046 Objective for 1% Carbon	Actual Carbon Percentage *	Adjusted Objective (ppm)	Adjusted Objective (ppb)
TCE	0.7	0.29	0.203	203
1,1,1- TCA	0.8	0.29	0.232	232
PCE	1.4	0.29	0.406	406
Freon 113	6.0	0.29	1.74	1,740
1,1-DCA	0.2	0.29	0.058	58
CIS-1,2-DCE	0.3	0.29	0.087	87

* The Industrial Landfills Actual Carbon Percentage was determined using an average of two samples collected from that area

The Chazen Companies
7/11/97

x:\4\49531.00\olive\data\misc\CLOBJ.XLS

Table 3 - Soil Sampling Results

Sample ID:		TP-XA5		TP-20		TP-21		TP-22		TP-23	
Sample Location:		Loading Dock									
Date Sampled:		09/19/95		11/29/95		11/30/95		11/30/95		11/30/95	
Chloromethane	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Bromomethane	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Vinyl Chloride	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Chloroethane	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	5	J
Methylene Chloride	ug/L	ND@5	vU	ND@5	U	4	J	6		ND@11	U
Acetone	ug/L	47	vU	17	vNJ	12	vNJ	10	vNJ	ND@11	U
Carbon Disulfide	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Vinyl Acetate	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
1,1-Dichloroethene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
1,1-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
1,2-Dichloroethene (total)	ug/L	ND@5.0	U	ND@5	U	16		ND@5	U	ND@5	U
Chloroform	ug/L	ND@5.0	U	ND@5	vU	ND@6	U	ND@5	U	ND@5	U
1,2-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
2-Butanone	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@10	U
1,1,1-Trichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Carbon Tetrachloride	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Bromodichloromethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
1,2-Dichloropropane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
cis-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Trichloroethene	ug/L	2	J	4	J	86		14		ND@5	U
Dibromochloromethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
1,1,2-Trichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Benzene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
trans-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Bromoform	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
4-Methyl-2-Pentanone	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
2-Hexanone	ug/L	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Tetrachloroethene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	3	J	2	J
Toluene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	5	U
1,1,2,2-Tetrachloroethane	ug/L	1	J	ND@5	vUJ	ND@6	vUJ	ND@5	vUJ	ND@5	vUJ
Chlorobenzene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Ethylbenzene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Styrene	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Xylene (total)	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ug/L	ND@5.0	U	ND@5	U	ND@6	U	ND@5	U	ND@5	U
Dilution		1.10		1.10		1.12		1.06		1.09	
Method Blank		VBLKBC		VBLKDY		VDLKB8		VBLKB8		VBLKB8	

The Chazen Companies

7/11/97

Table 3 - Soil Sampling Results

Sample ID:	TP-24		TP-25		TP-26		TP-27		TP-28	
Sample Location:	Loading Dock									
Date Sampled:	11/30/95		11/30/95		11/30/95		12/01/95		12/01/95	
Chloromethane	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
Bromomethane	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
Vinyl Chloride	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
Chloroethane	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
Methylene Chloride	5	J	ND@6	U	ND@5	U	ND@2800	U	2	J
Acetone	11	vNJ	ND@11	U	ND@11	U	ND@2800	U	16	vU
Carbon Disulfide	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Vinyl Acetate	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
1,1-Dichloroethene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
1,1-Dichloroethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
1,2-Dichloroethene (total)	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	6	
Chloroform	ND@6	U	ND@6	U	ND@5	vU	ND@2800	U	ND@5	U
1,2-Dichloroethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
2-Butanone	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
1,1,1-Trichloroethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Carbon Tetrachloride	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Bromodichloromethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
1,2-Dichloropropane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
cis-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Trichloroethene	ND@6	U	ND@6	U	ND@5	U	45000		ND@5	vU
Dibromochloromethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
1,1,2-Trichloroethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Benzene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
trans-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Bromoform	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
4-Methyl-2-Pentanone	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
2-Hexanone	ND@11	U	ND@11	U	ND@11	U	ND@2800	U	ND@10	U
Tetrachloroethene	4	J	ND@6	U	ND@5	U	2800	vU	2	J
Toluene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
1,1,2,2-Tetrachloroethane	ND@6	vUJ	ND@6	vUJ	ND@5	vUJ	ND@2800	U	ND@5	vUJ
Chlorobenzene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Ethylbenzene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Styrene	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Xylene (total)	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ND@6	U	ND@6	U	ND@5	U	ND@2800	U	ND@5	U
Dilution	1.12		1.12		1.10		2.83		1.04	
Method Blank	VBLKB8		VBLKB8		VBLKB8		VBLKDH		VBLKBA	

The Chazen Companies

7/11/97

ROTRON - OLIVE LABORATORY RESULTS
Table 3 - Soil Sampling Results

Sample ID:	TP-29		TP-30		TP-31		SB-20		SB-20	
Sample Location:	Loading Dock									
Date Sampled:	12/01/95		12/01/95		12/01/95		12/13/95		12/18/95	
Chloromethane	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Bromomethane	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Vinyl Chloride	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Chloroethane	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Methylene Chloride	3	J	3	J	4	J	ND@5	U	5	vU
Acetone	12	vU	18	vU	19	vU	22	U	22	vU
Carbon Disulfide	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Vinyl Acetate	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
1,1-Dichloroethene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1-Dichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethene (total)	16		ND@6		ND@6		ND@6	U	ND@6	U
Chloroform	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
2-Butanone	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
1,1,1-Trichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Carbon Tetrachloride	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Bromodichloromethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloropropane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
cis-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Trichloroethene	28		ND@6	U	ND@6	U	3	J	3	J
Dibromochloromethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Benzene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
trans-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Bromoform	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
4-Methyl-2-Pentanone	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
2-Hexanone	ND@11	U	ND@11	U	ND@11	U	ND@11	U	ND@11	U
Tetrachloroethene	ND@6	U	ND@6	U	2	J	ND@6	U	ND@6	U
Toluene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2,2-Tetrachloroethane	ND@6	vUJ	ND@6	vUJ	ND@6	vUJ	ND@6	vUJ	ND@6	vUJ
Chlorobenzene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Ethylbenzene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Styrene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Xylene (total)	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichlorotrifluoroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Dilution	1.12		1.14		1.14		1.15		1.14	
Method Blank	VBKBA		VBLKBA		VBLKBA		VBLKDD		VBLKBY	

The Chazen Companies

7/11/97

Table 3 - Soil Sampling Results

Sample ID:	SB-21		SB-22		TP-1		TP-2		TP-2	
Sample Location:	Loading Dock				Old Quarry					
Date Sampled:	12/13/95		12/14/95		12/04/95		12/04/95		12/08/96	
Chloromethane	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
Bromomethane	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
Vinyl Chloride	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
Chloroethane	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
Methylene Chloride	6	vU	5	vU	ND@6	U	ND@6	U	10	U
Acetone	21	vU	54	vU	18	vNJ	ND@12	U	70	vNJ
Carbon Disulfide	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Vinyl Acetate	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
1,1-Dichloroethene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
1,1-Dichloroethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethene (total)	ND@5	U	ND@5	U	ND@6	U	ND@6	U	160	
Chloroform	ND@5	U	ND@5	U	ND@6	vU	ND@6	U	ND@6	U
1,2-Dichloroethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
2-Butanone	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
1,1,1-Trichloroethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Carbon Tetrachloride	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Bromodichloromethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloropropane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
cis-1,3-Dichloropropene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Trichloroethene	7		22		ND@6	U	ND@6	U	62	
Dibromochloromethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichloroethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Benzene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
trans-1,3-Dichloropropene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Bromoform	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
4-Methyl-2-Pentanone	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
2-Hexanone	ND@10	U	ND@10	U	ND@12	U	ND@12	U	ND@11	U
Tetrachloroethene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Toluene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	2	J
1,1,2,2-Tetrachloroethane	ND@5	vUJ	ND@5	vUJ	ND@6	vUJ	ND@6	vUJ	ND@6	vUJ
Chlorobenzene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Ethylbenzene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Styrene	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Xylene (total)	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichlorotrifluoroethane	ND@5	U	ND@5	U	ND@6	U	ND@6	U	ND@6	U
Dilution	1.09		1.06		1.20		1.18		1.14	
Method Blank	VBLKBS		VBLKBS		VBLKBB		VBLKBB		VBLKE9	

Table 3 - Soil Sampling Results

Sample ID:	TP-3		TP-4		TP-5		TP-6		TP-7	
Sample Location:	Old Quarry									
Date Sampled:	12/05/95		12/05/95		12/05/95		12/06/95		12/06/95	
Chloromethane	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
Bromomethane	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
Vinyl Chloride	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
Chloroethane	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
Methylene Chloride	3	J	3	J	ND@6	U	3	vJ	3	J
Acetone	37	vU	28	vU	ND@12	U	12	vNJ	22	vNJ
Carbon Disulfide	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Vinyl Acetate	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
1,1-Dichloroethene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1-Dichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethene (total)	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Chloroform	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
2-Butanone	ND@13	U	ND@13	U	12	U	ND@11	U	ND@12	U
1,1,1-Trichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Carbon Tetrachloride	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Bromodichloromethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloropropane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
cis-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Trichloroethene	ND@6	U	ND@6	U	2	J	ND@6	U	ND@6	U
Dibromochloromethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Benzene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
trans-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@6	U	ND@5	U	ND@6	U
Bromoform	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
4-Methyl-2-Pentanone	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
2-Hexanone	ND@13	U	ND@13	U	ND@12	U	ND@11	U	ND@12	U
Tetrachloroethene	ND@6	U	ND@6	U	3	J	5	J	5	J
Toluene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2,2-Tetrachloroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Chlorobenzene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Ethylbenzene	ND@6	U	ND@6	U	ND@6	U	ND@5	U	ND@6	U
Styrene	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Xylene (total)	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichlorotrifluoroethane	ND@6	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Dilution	1.26		1.32		1.20		1.14		1.16	
Method Blank	VBLKBB		VBLKBB		VBLKDR		VBLKDK		VBLKDR	

The Chazen Companies

7/11/97

ROTRON - OLIVE LABORATORY RESULTS
Table 3 - Soil Sampling Results

Sample ID:	TP-8		TP-9		TP-10		TP-11		TP-12	
Sample Location:	Old Quarry									
Date Sampled:	12/06/95		12/06/95		12/07/95		12/07/95		12/07/95	
Chloromethane	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
Bromomethane	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
Vinyl Chloride	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
Chloroethane	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
Methylene Chloride	2	J	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Acetone	ND@11	U	ND@10	U	ND@13	U	ND@18	U	12	vNJ
Carbon Disulfide	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Vinyl Acetate	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
1,1-Dichloroethene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,1-Dichloroethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,2-Dichloroethene (total)	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Chloroform	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,2-Dichloroethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
2-Butanone	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
1,1,1-Trichloroethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Carbon Tetrachloride	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Bromodichloromethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,2-Dichloropropane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
cis-1,3-Dichloropropene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Trichloroethene	ND@6	U	ND@5	U	ND@6	U	5	J	ND@6	U
Dibromochloromethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,1,2-Trichloroethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Benzene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
trans-1,3-Dichloropropene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Bromoform	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
4-Methyl-2-Pentanone	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
2-Hexanone	ND@11	U	ND@10	U	ND@13	U	ND@18	U	ND@11	U
Tetrachloroethene	ND@6	U	2	J	14		12		ND@6	vU
Toluene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,1,2,2-Tetrachloroethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Chlorobenzene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Ethylbenzene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Styrene	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Xylene (total)	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
1,1,2-Trichlorotrifluoroethane	ND@6	U	ND@5	U	ND@6	U	ND@9	U	ND@6	U
Dilution	1.14		1.00		1.28		1.75		1.14	
Method Blank	VBLKDK		VBLKDK		VBLKDK		VDLKDK		VBLKDL	

The Chazen Companies

7/11/97

ROTRON - OLIVE LABORATORY RESULTS
Table 3 - Soil Sampling Results

Sample ID:	TP-40		TP-40 (Dupe)		TP-41		TP-42		TP-43	
Sample Location:	Dry Well #2				Solvent Tank					
Date Sampled:	12/08/95		12/08/95		12/08/95		12/08/95		12/11/95	
Chloromethane	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
Bromomethane	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
Vinyl Chloride	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
Chloroethane	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
Methylene Chloride	ND@6	U	ND@6	U	5	vU	ND@7000	U	ND@6	U
Acetone	ND@11	U	ND@11	vU	21	vU	ND@13000	U	ND@11	U
Carbon Disulfide	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Vinyl Acetate	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
1,1-Dichloroethene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,1-Dichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,2-Dichloroethene (total)	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Chloroform	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,2-Dichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
2-Butanone	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
1,1,1-Trichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Carbon Tetrachloride	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Bromodichloromethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,2-Dichloropropane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
cis-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Trichloroethene	27	vU	36	vU	ND@6	U	140000		ND@6	vU
Dibromochloromethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,1,2-Trichloroethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Benzene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
trans-1,3-Dichloropropene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Bromoform	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
4-Methyl-2-Pentanone	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
2-Hexanone	ND@11	U	ND@11	U	ND@11	U	ND@13000	U	ND@11	U
Tetrachloroethene	ND@6	U	ND@6	U	ND@6	U	3,400	J	ND@6	U
Toluene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,1,2,2-Tetrachloroethane	ND@6	U	ND@6	U	ND@6	vUJ	ND@7000	vUJ	ND@6	U
Chlorobenzene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Ethylbenzene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Styrene	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Xylene (total)	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
1,1,2-Trichlorotrifluoroethane	ND@6	U	ND@6	U	ND@6	U	ND@7000	U	ND@6	U
Dilution	1.15		1.15		1.14		11.2		1.15	
Method Blank	VBLKBN		VBLKBN		VBLKBS		VBLKDA		VBLKBN	

The Chazen Companies
7/11/97

Table 3 - Soil Sampling Results

Sample ID:	TP-44		TG-1		TG-1		TG-2 (11' E)		TG-2 (11' E Dupe)	
Sample Location:	Solvent Tank									
Date Sampled:	12/11/95		12/15/95		12/14/95		12/18/95		12/18/95	
Chloromethane	ND@1400	U	ND@11	U	ND@12	U	ND@11	U	ND@12	U
Bromomethane	ND@1400	U	ND@11	U	ND@12	U	ND@11	U	ND@12	U
Vinyl Chloride	ND@1400	U	ND@11	U	ND@12	U	ND@11	U	ND@12	U
Chloroethane	ND@1400	U	ND@11	U	5	vU	ND@11	U	ND@12	U
Methylene Chloride	ND@730	U	5	vUJ	17	vU	10	J	9	
Acetone	ND@1400	U	26	vU	ND@6	U	70	vU	74	vNJ
Carbon Disulfide	ND@730	U	ND@6	U	ND@12	U	ND@6	U	ND@6	U
Vinyl Acetate	ND@1400	U	ND@11	U	ND@6	U	ND@11	U	ND@12	U
1,1-Dichloroethene	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1-Dichloroethane	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethene (total)	ND@730	U	ND@6	U	ND@6	U	160		27	
Chloroform	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloroethane	ND@730	U	ND@6	U	0.8	J	ND@6	U	ND@6	U
2-Butanone	ND@1400	U	ND@11	U	ND@6	U	ND@11	U	ND@12	U
1,1,1-Trichloroethane	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Carbon Tetrachloride	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Bromodichloromethane	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,2-Dichloropropane	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
cis-1,3-Dichloropropene	ND@730	U	ND@5	U	3	J	ND@6	U	ND@6	U
Trichloroethene	250	J	ND@6	U	ND@6	U	62		70	
Dibromochloromethane	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichloroethane	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Benzene	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
trans-1,3-Dichloropropene	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Bromoform	ND@730	U	ND@6	U	ND@12	U	ND@6	U	ND@6	U
4-Methyl-2-Pentanone	880	J	ND@11	U	ND@12	U	ND@11	U	ND@12	U
2-Hexanone	ND@1400	U	ND@11	U	ND@6	U	ND@11	U	ND@12	U
Tetrachloroethene	ND@730	vUJ	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Toluene	ND@730	U	ND@6	U	ND@6	U	2	J	2	J
1,1,2,2-Tetrachloroethane	ND@730	vUJ	ND@6	vUJ	ND@6	vUJ	ND@6	vUJ	ND@6	vUJ
Chlorobenzene	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Ethylbenzene	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Styrene	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
Xylene (total)	ND@730	U	ND@6	U	ND@6	U	ND@6	U	ND@6	U
1,1,2-Trichlorotrifluoroethane	15000		ND@6	U	ND@6	U	ND@6	U	ND@6	U
Dilution	1.18		1.12		1.18		1.12		1.28	
Method Blank	VBLKDZ		VBLKBS		VBLKBS		VBLKBX		VBLKBY	

ROTRON - OLIVE LABORATORY RESULTS
Table 3 - Soil Sampling Results

Sample ID:	TG-2 (3')		TG-2 (9')		TG-2 (12')		SG-209		TP-ODW	
Sample Location:	Solvent Tank						Orangeburg Pipe			
Date Sampled:	12/18/95		12/18/95		12/18/95		06/25/96		06/24/96	
Chloromethane	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
Bromomethane	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
Vinyl Chloride	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
Chloroethane	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
Methylene Chloride	ND@870	U	810	J	8		3	J	8	vJ
Acetone	ND@1600	U	ND@1600	U	130	vNJ	15	vU	12	vU
Carbon Disulfide	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Vinyl Acetate	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
1,1-Dichloroethene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
1,1-Dichloroethane	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
1,2-Dichloroethene (total)	ND@870	U	ND@830	U	33		ND@6	U	ND@5.0	U
Chloroform	700	vJ	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
1,2-Dichloroethane	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
2-Butanone	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
1,1,1-Trichloroethane	ND@870	U	570	J	ND@6	U	ND@6	U	ND@5.0	U
Carbon Tetrachloride	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Bromodichloromethane	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
1,2-Dichloropropane	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
cis-1,3-Dichloropropene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Trichloroethene	7600		39000		130	vNJ	ND@6	U	ND@5.0	U
Dibromochloromethane	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
1,1,2-Trichloroethane	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Benzene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
trans-1,3-Dichloropropene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Bromoform	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
4-Methyl-2-Pentanone	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
2-Hexanone	ND@1600	U	ND@1600	U	ND@11	U	ND@11	U	ND@10	U
Tetrachloroethene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Toluene	ND@870	U	ND@830	U	1	J	ND@6	U	ND@5.0	U
1,1,2,2-Tetrachloroethane	ND@870	U	ND@830	U	ND@6	vUJ	ND@6	U	ND@5.0	U
Chlorobenzene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Ethylbenzene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Styrene	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
Xylene (total)	ND@870	U	ND@830	U	ND@6	U	ND@6	U	ND@5.0	U
1,1,2-Trichlorotrifluoroethane	ND@870	U	870	J	ND@6		ND@6	U	ND@	U
Dilution	1.12		2.22		1.12		1.14		1.14	
Method Blank	VBLKBY		VBLKBY		VBLKBY		VBLKBO		VBLKBO	

The Chazen Companies

7/11/97

ROTRON - OLIVE LABORATORY RESULTS
Table 3 - Soil Sampling Results

Sample ID:	PS-1		PS-2		PS-3	
Sample Location:	Pond Sediment					
Date Sampled:	08/07/96		08/07/96		08/07/96	
Chloromethane	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	2	J	1	J	3	J
Acetone	26	vU	10	vUJ	13	vU
Carbon Disulfide	ND@5	U	ND@5	U	ND@5	U
Vinyl Acetate	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ND@5	U	ND@5	U	ND@5	U
1,1-Dichloroethane	ND@5	U	ND@5	U	ND@5	U
1,2-Dichloroethene (total)	ND@5	U	ND@5	U	ND@5	U
Chloroform	ND@5	U	4	J	4	J
1,2-Dichloroethane	ND@5	U	ND@5	U	ND@5	U
2-Butanone	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ND@5	U	ND@5	U	ND@5	U
Carbon Tetrachloride	ND@5	U	ND@5	U	ND@5	U
Bromodichloromethane	ND@5	U	ND@5	U	ND@5	U
1,2-Dichloropropane	ND@5	U	ND@5	U	ND@5	U
cis-1,3-Dichloropropene	ND@5	U	ND@5	U	ND@5	U
Trichloroethene	ND@5	U	ND@5	U	ND@5	U
Dibromochloromethane	ND@5	U	ND@5	U	ND@5	U
1,1,2-Trichloroethane	ND@5	U	ND@5	U	ND@5	U
Benzene	ND@5	U	ND@5	U	ND@5	U
trans-1,3-Dichloropropene	ND@5	U	ND@5	U	ND@5	U
Bromoform	ND@5	U	ND@5	U	ND@5	U
4-Methyl-2-Pentanone	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ND@10	U	ND@10	U	ND@10	U
Tetrachloroethene	ND@5	U	ND@5	U	ND@5	U
Toluene	ND@5	U	ND@5	U	ND@5	U
1,1,2,2-Tetrachloroethane	ND@5	U	ND@5	U	ND@5	U
Chlorobenzene	ND@5.0	U	ND@5	U	ND@5	U
Ethylbenzene	ND@5.0	U	ND@5	U	ND@5	U
Styrene	ND@5.0	U	ND@5	U	ND@5	U
Xylene (total)	ND@5.0	U	ND@5	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ND@5.0	U	ND@5	U	ND@5	U
Dilution	1.00		1.43+FS18		1.25	
Method Blank	VBLKEA		VBLKBH		VBLKBH	

Rotron-Olive
Table 4 - Summary of the Monitoring Well Data

Well ID	Casing Elevation (Top of Inside Casing) *Feet Above Sea Level*	Total Depth *(BGS)* *Feet*	Open Rock or Screen Interval *BGS* *Feet*	*Interval* *Feet Above Sea Level*	K *Feet/Day*	Possible Fracture Locations	Stratum Description
PW-1	815.62	375.00	?* - 375.00	?* - 440.62			
PW-2	812.42	410.00	?* - 410.00	?* - 402.42			
PW-3	830.07	292.00	?* - 292.00	?* - 538.07			
MW-4	817.50	120.20	14.8 - 120.20	802.70 - 697.30		72Ft, 100Ft, 115Ft	Shale with interbedded Sandstone
MW-5	850.97	105.20	2.00 - 105.00	848.97 - 700.77		40Ft, 57Ft, 98Ft	Shale interbedded with Sandstone and Siltstone
MW-6	853.47	107.90	2.00 - 107.40	851.47 - 745.57		67Ft, Possibly 100Ft	Shale interbedded with Sandstone and Siltstone
MW-9	791.85	106.90	?* - 106.90	?* - 684.95		90Ft	
MW-10	794.74	113.50	?* - 113.50	?* - 681.24			
MW-11	793.50	115.10	?* - 115.10	?* - 678.40		68Ft, 80Ft	
MW-12	792.20	101.80	?* - 101.80	?* - 690.40		45Ft, 90Ft	Fine Sand and Silt, Shale, Graywacke
PZ-20	791.94	8.75	2 - 9 Ft	789.94 - 782.94		NA	Red-Brown f SAND, some Clayey Silt, some f Gravel
PZ-21	792.39	6.85	2 - 6 Ft	790.39 - 786.39		NA	Red-Brown f SAND, some Clayey Silt, little-trace f Gravel

Rotron-Olive
Table 4 - Summary of the Monitoring Well Data

Well ID	Casing Elevation (Top of Inside Casing) *Feet Above Sea Level*	Total Depth *(BGS)* *Feet*	Open Rock or Screen Interval *BGS* *Feet*	*Interval* *Feet Above Sea Level*	K *Feet/Day*	Possible Fracture Locations	Stratum Description
PZ-22	791.61	7.50	2 - 7 ft	789.61 - 784.61		NA	Red-Brown f Sand, little-trace f Gravel, trace Silt
PZ-23	792.03	7.50	2 - 7 ft	790.03 - 785.03		NA	Red-Brown f Sand, little-trace f Gravel mixed withcobbles and red sandstone fragments
PZ-26	790.78	4.80	2 - 3.5 ft	788.78 - 785.28		NA	Red-Brown fm SAND, some to little Silt, trace f Gravel
PZ-27	794.15	10.00	2 - 9 ft	792.15 - 785.15		NA	Gray-Red f Sand, little-trace f Gravel mixed with rock fragments

?* - Casing depth unknown - no well logs avalilable

TABLE 5
WATER LEVEL DATA SUMMARY

Well ID	Casing Elevation (Top of Inside Casing) (Feet Above Sea Level)	1996 Water Levels (Feet above Sea Level)													
		1/5/96	1/18/96	2/19/96	2/20/96	3/20/96	4/29/96	5/15/96	6/17/96	7/31/96	8/20/96	10/31/96	12/4/96	12/24/96
PW-1	815.62			766.82	767.22	770.41	767.39	815.62	815.62	766.22	764.16	768.62	770.50	815.62
PW-2	812.42			768.92	769.06	772.42	769.85	812.42	768.05	768.44	766.57	770.85	772.67	772.54
PW-3	830.07	797.78	768.67	764.87	765.37	768.46	765.38	830.07	763.39	764.44	761.98	766.22	--	830.07
MW-4	817.50	841.13	833.33	770.80	770.50	773.52	771.65	817.50	798.18	769.90	768.58	775.23	777.55	777.38
MW-5	850.97	809.26	807.62	841.30	841.32	842.77	842.32	850.97	842.74	842.41	841.94	840.94	840.84	840.47
MW-6	853.47	784.25	783.79	809.69	809.62	815.08	812.97	853.47	823.85	812.33	810.15	810.82	813.31	812.52
MW-9	791.85	775.02	773.68	784.32	784.20	784.71	784.10	791.85	783.67	783.35	782.42	784.10	784.48	784.80
MW-10	794.74	775.93	779.75	775.65	775.61	776.88	776.14	794.74	775.59	774.28	772.80	776.54	776.99	780.58
MW-11	793.50	763.15	758.63	781.21	781.10	779.60	780.27	793.50	780.00	775.83	774.50	778.48	778.79	779.18
MW-12	792.20			763.81	764.00	767.33	764.07	792.20	763.68	762.40	759.66	765.10	766.90	766.36
PZ-20	791.94					789.87	789.89	791.94	789.85	789.97	789.38	764.84	789.34	791.94
PZ-21	792.39						789.58	792.39	789.54	789.57	792.39	792.39		792.39
PZ-22	791.61					790.56	790.50	791.61	790.55	790.69	790.22	791.61		791.61
PZ-23	792.03					790.72	790.43	792.03	790.32	790.38	788.85	792.03	790.38	789.15
PZ-26	790.78						790.56	790.78	790.42	790.47	788.91	790.78	789.04	790.78
PZ-27	794.15					790.88	790.93	794.15	790.72	790.85	790.57	794.15	790.74	794.15

PZ-21 + PZ-23 Were Removed in early November, 1996

TABLE 5
WATER LEVEL DATA SUMMARY

Well ID	Casing Elevation (Top of Inside Casing) (Feet Above Sea Level)	1997 Water Levels (Feet above Sea Level)				
		1/29/97	2/24/97	3/20/97	4/23/97	6/2/97
PW-1	815.62	815.62	815.62	815.62	NM	NM
PW-2	812.42	770.36	771.56	772.86	771.30	767.45
PW-3	830.07	830.07	NM	NM	NM	NM
MW-4	817.50	773.15	776.07	774.10	772.91	778.77
MW-5	850.97	840.57	841.37	840.90	840.38	840.43
MW-6	853.47	810.78	814.47	811.90	810.68	809.59
MW-9	791.85	784.16	784.72	781.90	784.58	783.29
MW-10	794.74	776.07	777.27	777.33	776.69	774.07
MW-11	793.50	778.03	776.03	779.08	778.90	776.32
MW-12	792.20	765.00	767.20	766.89	765.18	760.90
PZ-20	791.94	791.94	791.94	789.57	789.19	789.34
PZ-21	792.39	792.39	NM	NM	NM	NM
PZ-22	791.61	788.83	NM	NM	NM	NM
PZ-23	792.03	792.03	789.18	789.66	788.93	790.60
PZ-26	790.78	790.78	788.96	787.41	789.05	788.84
PZ-27	794.15	794.15	794.15	794.15	790.69	790.75

Table 6 - Surface Water Sampling Results

Sample ID:		SW-CB1		SW-CB1		SW-PW2		SW-PW2		SW-MW4		SW-MW4	
Date Sampled:		02/28/96		06/27/96		02/28/96		06/27/96		02/28/96		06/27/96	
Chloromethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Acetone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Vinyl Acetate	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1-Dichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,2-Dichloroethene (total)	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Chloroform	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,2-Dichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
2-Butanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Carbon Tetrachloride	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Bromodichloromethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,2-Dichloropropane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
cis-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	1	J
Trichloroethene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Dibromochloromethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1,2-Trichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Benzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
trans-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	vUJ	ND@5.0	U
Bromoform	ug/L	ND@5	vUJ	ND@5.0	U	ND@5	vUJ	ND@5.0	U	ND@5	U	ND@10	U
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@5	U	ND@5.0	U
Tetrachloroethene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Toluene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Chlorobenzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Ethylbenzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Styrene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Xylene (total)	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	3	J
1,1,2-Trichlorotrifluoroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Dilution		1.00		1.00		1.00		1.00		1.00		1.00	
Method Blank		VBLKDS		VBLKDW		VBLKDS		VBLKDX		VBLKDS		VBLKDX	

Table 6 - Surface Water Sampling Results

Sample ID:		SW-02A		SW-02A		SW-QUA		SW-QUA	
Date Sampled:		02/28/96		06/27/96		02/27/96		06/27/96	
Chloromethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Acetone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Vinyl Acetate	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1-Dichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,2-Dichloroethene (total)	ug/L	15		ND@5.0	U	ND@5	U	ND@5.0	U
Chloroform	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,2-Dichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
2-Butanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	3	vNJ	ND@5.0	U	ND@5	U	ND@5.0	U
Carbon Tetrachloride	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Bromodichloromethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,2-Dichloropropane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
cis-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Trichloroethene	ug/L	78		2	J	ND@5	U	ND@5.0	U
Dibromochloromethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1,2-Trichloroethane	ug/L	ND@5	U	ND@5.0	U		vR	ND@5.0	U
Benzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
trans-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Bromoform	ug/L	ND@5	vUJ	ND@5.0	U	ND@5	vUJ	ND@5.0	U
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Tetrachloroethene	ug/L	ND@5	U	ND@5.0	U	ND@5	vUJ	ND@5.0	U
Toluene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Chlorobenzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Ethylbenzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Styrene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
Xylene (total)	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U
1,1,2-Trichlorotrifluoroethane	ug/L	6	vNJ	ND@5.0	U	ND@5	U	ND@5.0	U
Dilution		1.00		1.00		1.00		1.00	
Method Blank		VBLKDT		VBLKDW		VBLKDU		VBLKDW	

Table 6 - Groundwater Sampling Results

Sample ID:		MW-4		MW-4		MW-5		MW-5		MW-6	
Date Sampled:		02/27/96		06/27/96		02/27/96		06/27/96		02/27/96	
Chloromethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Acetone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Vinyl Acetate	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,1-Dichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,2-Dichloroethene (total)	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Chloroform	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,2-Dichloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
2-Butanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	3	vNJ	2	J	ND@5	U	ND@5.0	U	ND@5	U
Carbon Tetrachloride	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Bromodichloromethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,2-Dichloropropane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
cis-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Trichloroethene	ug/L	1	J	1	J	2	J	ND@5.0	U	ND@5	U
Dibromochloromethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,1,2-Trichloroethane	ug/L		vR	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Benzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
trans-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Bromoform	ug/L	ND@5	vUJ	ND@5.0	U	ND@5	vUJ	ND@5.0	U	ND@5	vUJ
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Tetrachloroethene	ug/L	ND@5	vUJ	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Toluene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Chlorobenzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Ethylbenzene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Styrene	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
Xylene (total)	ug/L	ND@5	U	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ug/L	2	J	3	J	ND@5	U	ND@5.0	U	ND@5	U
Dilution		1.00		1.00		1.00		1.00		1.00	
Method Blank		VBLKDU		VBLKDW		VBLKDS		VBLKDX		VBLKDS	

The Chazen Companies

7/11/97

Table 6 - Groundwater Sampling Results

Sample ID:		MW-6		MW-9		MW-9		MW-9 Duplicate		MW-10	
Date Sampled:		06/27/96		02/28/96		06/27/96		06/27/96		02/28/96	
Chloromethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Acetone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Vinyl Acetate	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,1-Dichloroethane	ug/L	3	J	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,2-Dichloroethene (total)	ug/L	19		ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Chloroform	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,2-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
2-Butanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	2	J	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Carbon Tetrachloride	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Bromodichloromethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,2-Dichloropropane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
cis-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Trichloroethene	ug/L	28		ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Dibromochloromethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,1,2-Trichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Benzene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
trans-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Bromoform	ug/L	ND@5.0	U	ND@5	vUJ	ND@5.0	U	ND@5.0	U	ND@5	vUJ
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Tetrachloroethene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Toluene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Chlorobenzene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Ethylbenzene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Styrene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
Xylene (total)	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5.0	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ug/L	91		ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Dilution Method Blank		1.00 VBLKDW		1.00 VBLKDT		1.00 VBLKDW		1.00 VBLKDX		1.00 VBLKDT	

Table 6 - Groundwater Sampling Results

Sample ID:		MW-10		MW-11		MW-11		MW-12		MW-12	90
Date Sampled:		06/27/96		02/28/96		06/27/96		02/28/96		02/28/96	
Chloromethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Acetone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Vinyl Acetate	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,1-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,2-Dichloroethene (total)	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Chloroform	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,2-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
2-Butanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Carbon Tetrachloride	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Bromodichloromethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,2-Dichloropropane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
cis-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Trichloroethene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Dibromochloromethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,1,2-Trichloroethane	ug/L	ND@5.0	U		vR	ND@5.0	U	ND@5	U	ND@5	U
Benzene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
trans-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Bromoform	ug/L	ND@5.0	U	ND@5	vUJ	ND@5.0	U	ND@5	vUJ	ND@5	vUJ
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Tetrachloroethene	ug/L	ND@5.0	U	ND@5	vUJ	ND@5.0	U	ND@5	U	ND@5	U
Toluene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Chlorobenzene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Ethylbenzene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Styrene	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Xylene (total)	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ug/L	ND@5.0	U	ND@5	U	ND@5.0	U	ND@5	U	ND@5	U
Dilution Factor		1.00		1.00		1.00		1.00		1.00	
Method Blank		VBLKDW		VBLKDU		VBLKDW		VBLKDS		VBLKDT	

The Chazen Companies

7/11/97

Table 6 - Groundwater Sampling Results

Sample ID:		MW-12		PW-1		PW-1		PW-1		PW-2	
						Duplicate					
Date Sampled:		06/27/96		02/28/96		02/28/96		06/28/96		02/28/96	
Chloromethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5.0	U	ND@5	U	ND@5	U	12	J	ND@5	U
Acetone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5.0	U	ND@5	U	ND@5	U	4	J	ND@5	U
Vinyl Acetate	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,1-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,2-Dichloroethene (total)	ug/L	ND@5.0	U	9		10		9		ND@5	U
Chloroform	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,2-Dichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
2-Butanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Carbon Tetrachloride	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Bromodichloromethane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,2-Dichloropropane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
cis-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Trichloroethene	ug/L	ND@5.0	U	130		170		150		ND@5	U
Dibromochloromethane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,1,2-Trichloroethane	ug/L	ND@5.0	U		vR	ND@5	U	ND@5.0	U	ND@5	U
Benzene	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
trans-1,3-Dichloropropene	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Bromoform	ug/L	ND@5.0	U	ND@5	vUJ	ND@5	vUJ	ND@5.0	U	ND@5	vUJ
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U	ND@10	U	ND@10	U	ND@10	U
Tetrachloroethene	ug/L	ND@5.0	U	ND@5	vUJ	ND@5	vUJ	ND@5.0	U	ND@5	U
Toluene	ug/L	1	J	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Chlorobenzene	ug/L	nd@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Ethylbenzene	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Styrene	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
Xylene (total)	ug/L	ND@5.0	U	ND@5	U	ND@5	U	ND@5.0	U	ND@5	U
1,1,2-Trichlorotrifluoroethane	ug/L	ND@5.0	U	10		14	NJ	13		ND@5	U
Dilution		1.00		1.00		1.00		1.00		1.00	
Method Blank		VBLKDX		VBLKDU		VBLKDS		VBLKEA		VBLKDS	

The Chazen Companies

7/11/97

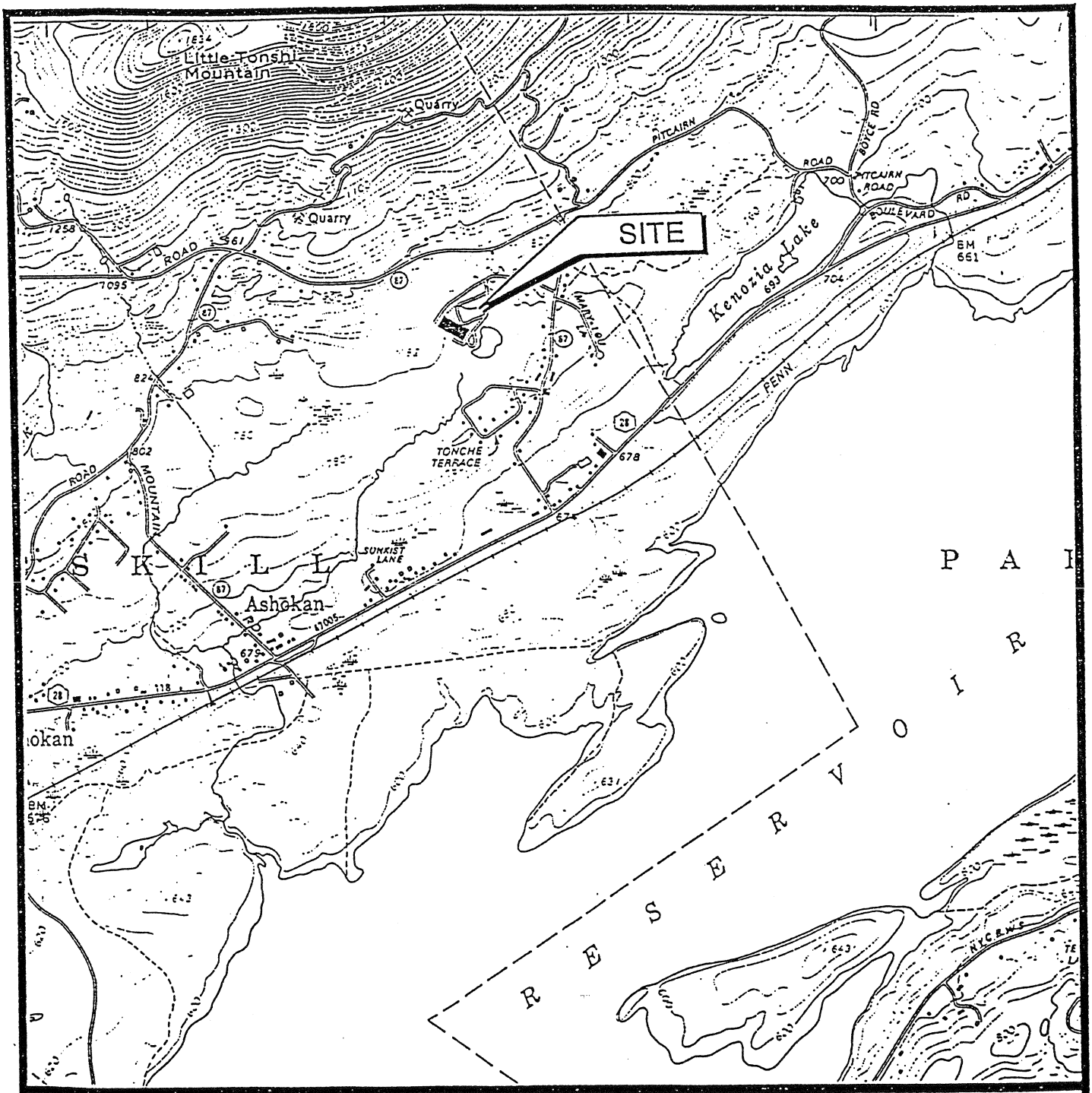
Table 6 - Groundwater Sampling Results

Sample ID:		PW-3		PW-3	
Date Sampled:		02/28/96		06/28/96	
Chloromethane	ug/L	ND@10	U	ND@10	U
Bromomethane	ug/L	ND@10	U	ND@10	U
Vinyl Chloride	ug/L	ND@10	U	ND@10	U
Chloroethane	ug/L	ND@10	U	ND@10	U
Methylene Chloride	ug/L	ND@5	U	6	J
Acetone	ug/L	ND@10	U	ND@10	U
Carbon Disulfide	ug/L	ND@5	U	4	J
Vinyl Acetate	ug/L	ND@10	U	ND@10	U
1,1-Dichloroethene	ug/L	ND@5	U	ND@5.0	U
1,1-Dichloroethane	ug/L	ND@5	U	ND@5.0	U
1,2-Dichloroethene (total)	ug/L	ND@5	U	ND@5	U
Chloroform	ug/L	ND@5	U	ND@5.0	U
1,2-Dichloroethane	ug/L	ND@5	U	ND@5.0	U
2-Butanone	ug/L	ND@10	U	ND@10	U
1,1,1-Trichloroethane	ug/L	ND@5	U	ND@5.0	U
Carbon Tetrachloride	ug/L	ND@5	U	ND@5.0	U
Bromodichloromethane	ug/L	ND@5	U	ND@5.0	U
1,2-Dichloropropane	ug/L	ND@5	U	ND@5.0	U
cis-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U
Trichloroethene	ug/L	1	J	2	J
Dibromochloromethane	ug/L	ND@5	U	ND@5.0	U
1,1,2-Trichloroethane	ug/L		vR	ND@5.0	U
Benzene	ug/L	ND@5	U	ND@5.0	U
trans-1,3-Dichloropropene	ug/L	ND@5	U	ND@5.0	U
Bromoform	ug/L	ND@5	vUJ	ND@5.0	U
4-Methyl-2-Pentanone	ug/L	ND@10	U	ND@10	U
2-Hexanone	ug/L	ND@10	U	ND@10	U
Tetrachloroethene	ug/L	ND@5	vUJ	ND@5.0	U
Toluene	ug/L	ND@5	U	ND@5.0	U
1,1,2,2-Tetrachloroethane	ug/L	ND@5	U	ND@5.0	U
Chlorobenzene	ug/L	ND@5	U	ND@5.0	U
Ethylbenzene	ug/L	ND@5	U	ND@5.0	U
Styrene	ug/L	ND@5	U	ND@5.0	U
Xylene (total)	ug/L	ND@5	U	ND@5.0	U
1,1,2-Trichlorotrifluoroethane	ug/L	ND@5	U	ND@5	U
Dilution		1.00		1.00	
Method Blank		VBLKDU		VBLKEA	

Sampling Data Legend

U - Indicates that the compound was analyzed for but not detected.
X - Matrix Spike Compound
J - Indicates that the compound was analyzed for and determined to be present in the sample
The mass spectrum of the compound meets the identification criteria of the method.
The concentration listed is an estimated value, which is less than the specified minimum detection limit,
but is greater than zero
B - This flag is used when the analyte is found in the blanks as well as the sample.
It indicates possible sample contamination and warns the data user to use caution when applying the results of t
Value will not be listed on tabular result sheet.
S - Estimated due to surrogate outliers
E - Indicates that it exceeds calibration curve rang.
v - Value edited in accordance with data validation findings
UJ - The analyte failed to satisfy minimum requirements in initial and continuing calibrations, however relative response factors below the required minimum were reported for low level aqueous and soil matrices.
The response was sufficient to indicate that the compound can be detected if present in samples. Therefor, this data should be considered a completely usable estimation.
NJ - Although this compound was analyzed for, it was not requested as an analyte. Its identification is presumptive and should be considered a usable estimation.
R - This data was found to be unusable and has therefor been rejected

FIGURES



North	SOURCE: NYSDOT Quadrangle;	Figure 1
	SCALE: 1 0 ½ MILE	Site Location Map
NOTES: Map base from: U.S. Geological Survey 7.5 Minute Quadrangle	Prepared By: © Chazen Environmental Services, Inc One Of: THE Chazen COMPANIES	Rotron, Inc. Remedial Investigation Olive, New York
DATE: June, 1995		

THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Road PO Box 3479
Poughkeepsie, New York 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, New York 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, New York 12065
Phone: (518) 371-0929

rev.	date	description
1	8-27-96	REVISED ONTO REVISED SITE PLAN

ROTRON – OLIVE
REMEDIAL INVESTIGATION

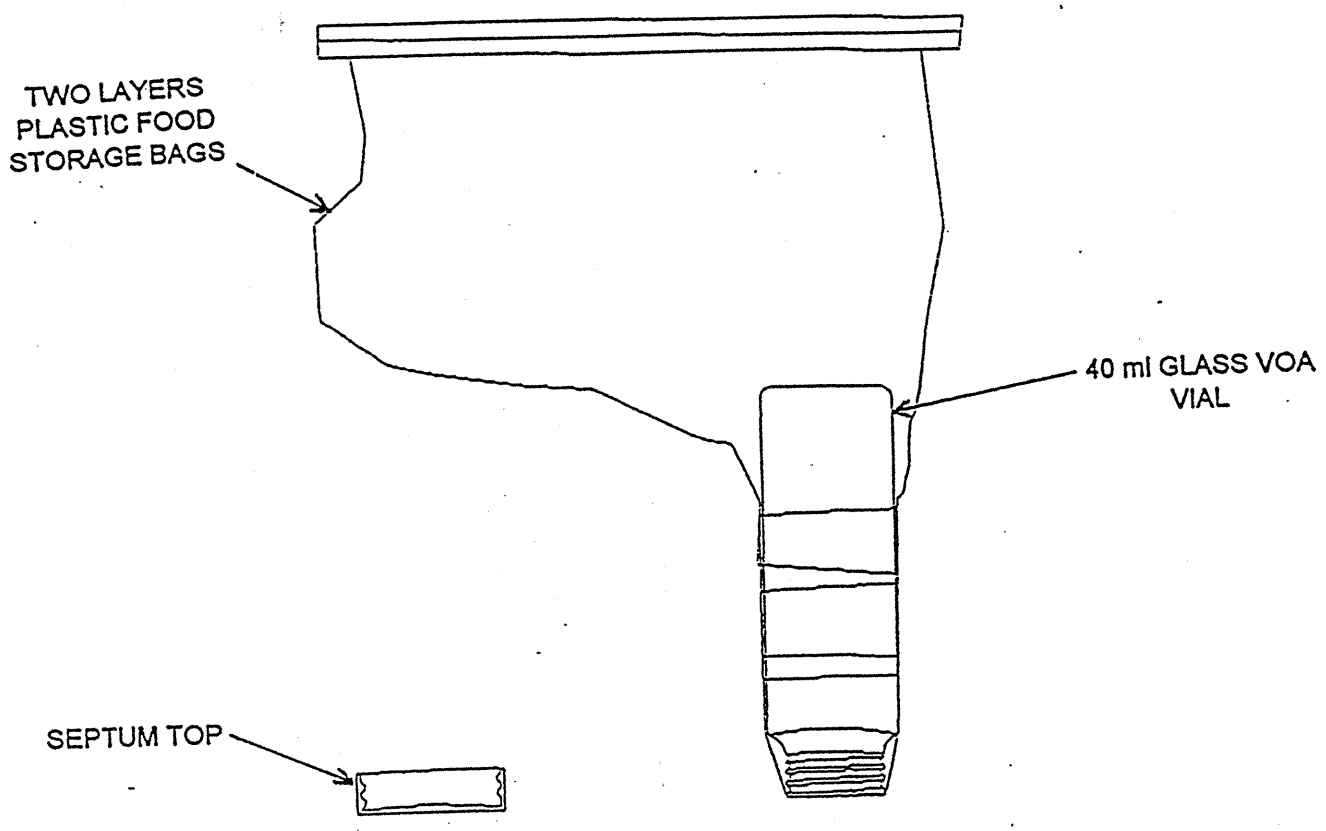
SITE PLAN

T/O OLIVE, ULSTER COUNTY, NEW YORK

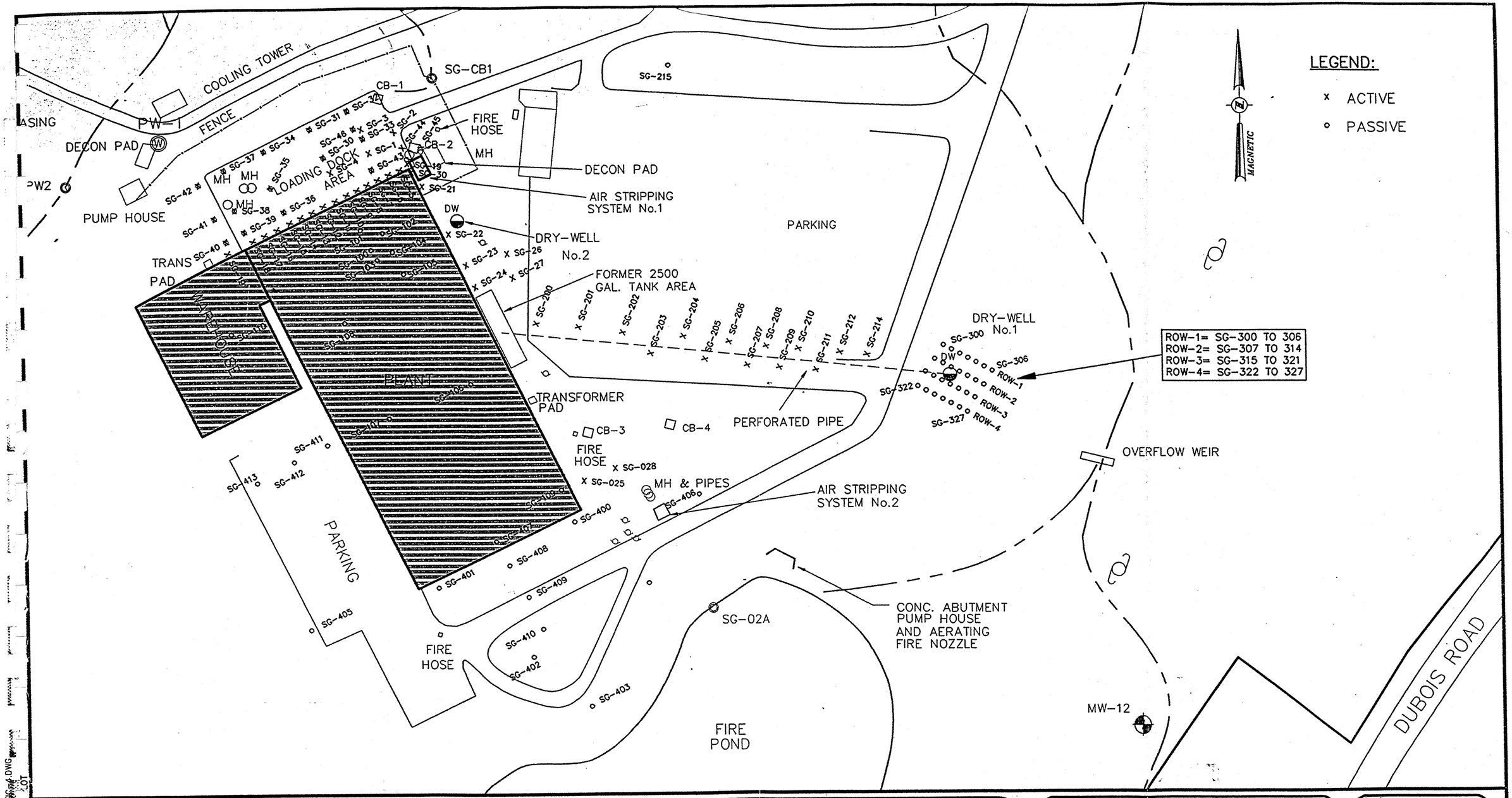
sheet no.
FIGURE 2

	name:	date:
designed by:	J.D.M.	9/7/96
checked by:	J.D.M.	9/7/96
drawn by:	M.L.M.	9/7/96

project no.
49531.01



North	SOURCE: The Chazen Companies	Figure 3
	SCALE: Sketch Not To Scale	Passive Soil Gas Collector
NOTES:	THE Chazen COMPANIES	Rotron, Inc. Remedial Investigation Olive, New York
DATE: Sept., 1996		



THE Chazen COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

SOIL GAS SAMPLING POINTS

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 4

	name:	date:
design	J.D.M.	9/10/96
check	J.D.M.	9/10/96
drawn	M.L.M.	9/10/96

scale
1"=100'

project no.
49531.01

LEGEND

TP-009 TEST PIT

SURFACE FLOWS

MW-4 MONITORING WELL

MW-6

MW-5

SG-QUA

FILLED QUARRY

RIM OF QUARRY

TP-005

TP-004

TP-007

TP-003

TP-009

TP-008

TP-002

TP-010

TP-001

TP-011

TP-006

TP-012

RUBBLE PILES

DIRT TRACK

RUBBLE PILES

MW-4

SG-MW4

COOLING TOWER

PW-1

THE Chazen COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON-OLIVE
REMEDIAL INVESTIGATION

TEST PIT LOCATIONS, FORMER QUARRY

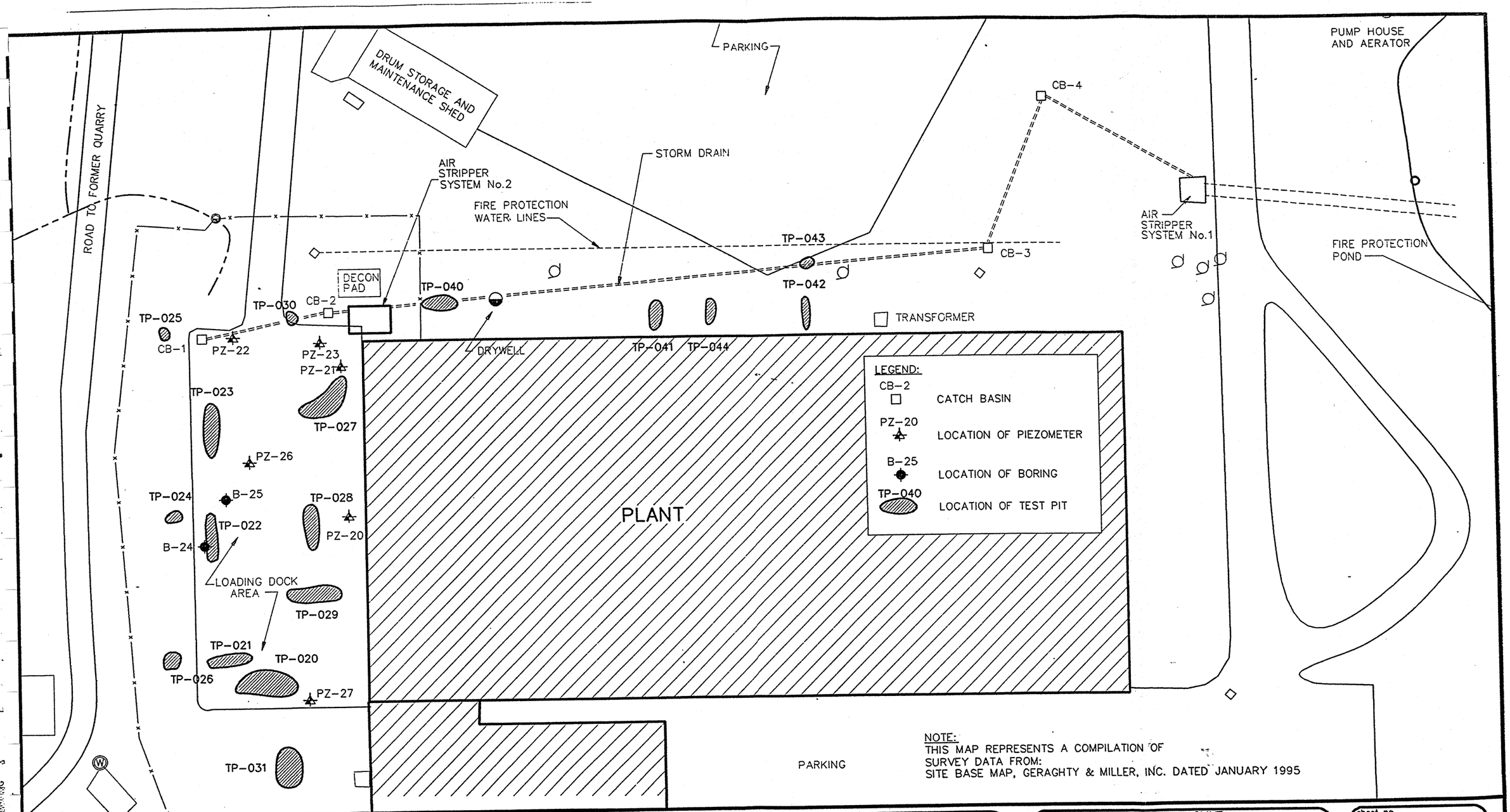
T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 5

	name:	date:
design	J.D.M.	9/11/96
check	J.D.M.	9/11/96
drawn	M.L.M	9/11/96

scale
1" = 50'

project no.
49531.01



NOTE:
THIS MAP REPRESENTS A COMPILATION OF SURVEY DATA FROM:
SITE BASE MAP, GERAGHTY & MILLER, INC. DATED JANUARY 1995

THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

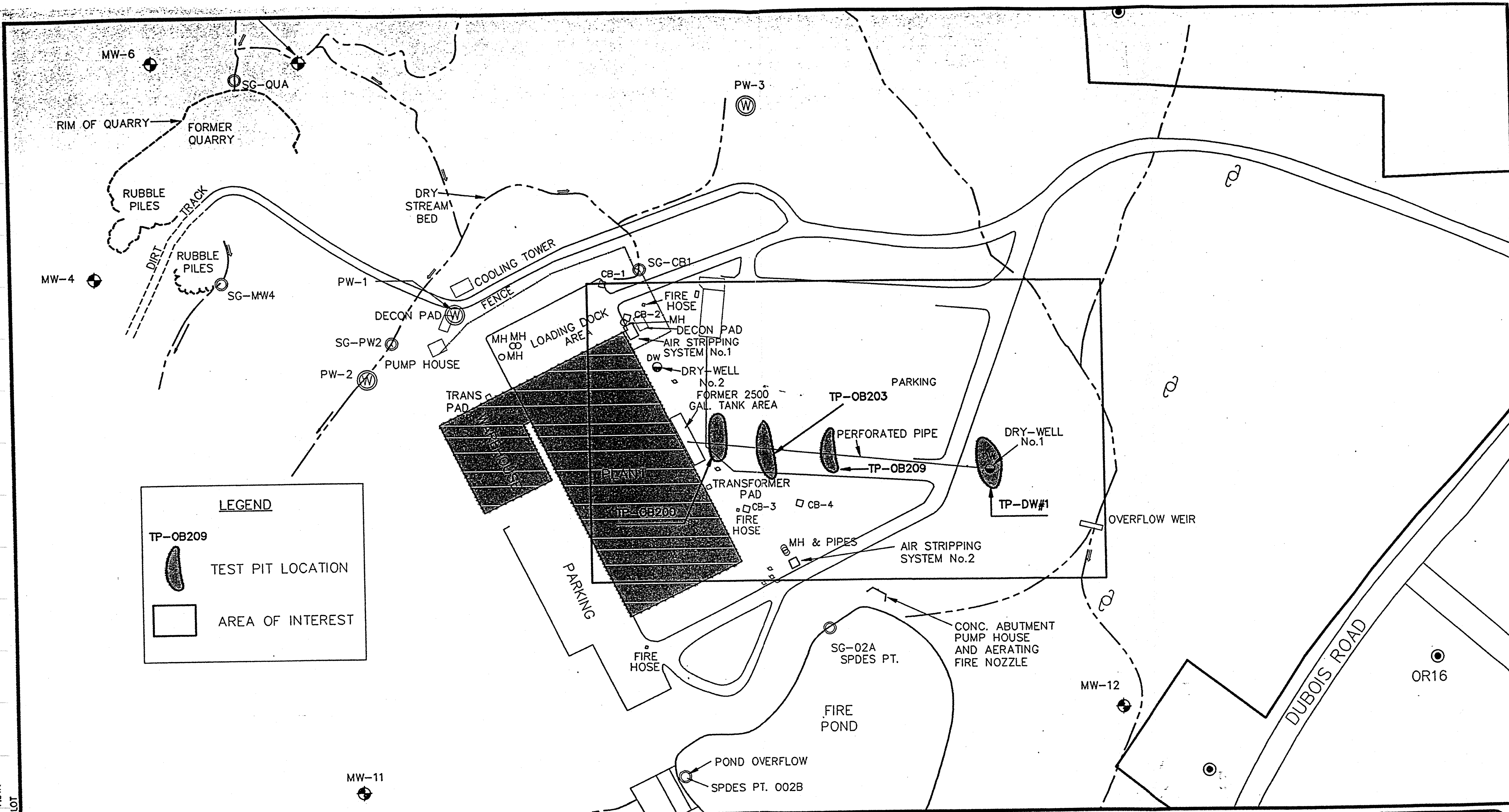
ROTRON – OLIVE
REMEDIAL INVESTIGATION

TEST PIT AND PREZOMETER LOCATIONS
LOADING DOCK AREA

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 6

	name:	date:
design	J.D.M.	9/11/96
check	J.M.	9/11/96
drawn	M.L.M	9/11/96
scale	1"=50'	
project no.	49531.01	



THE *Chazen* COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

TEST PIT LOCATIONS,
ORANGEBURG PIPE AND DRY-WELL No.1

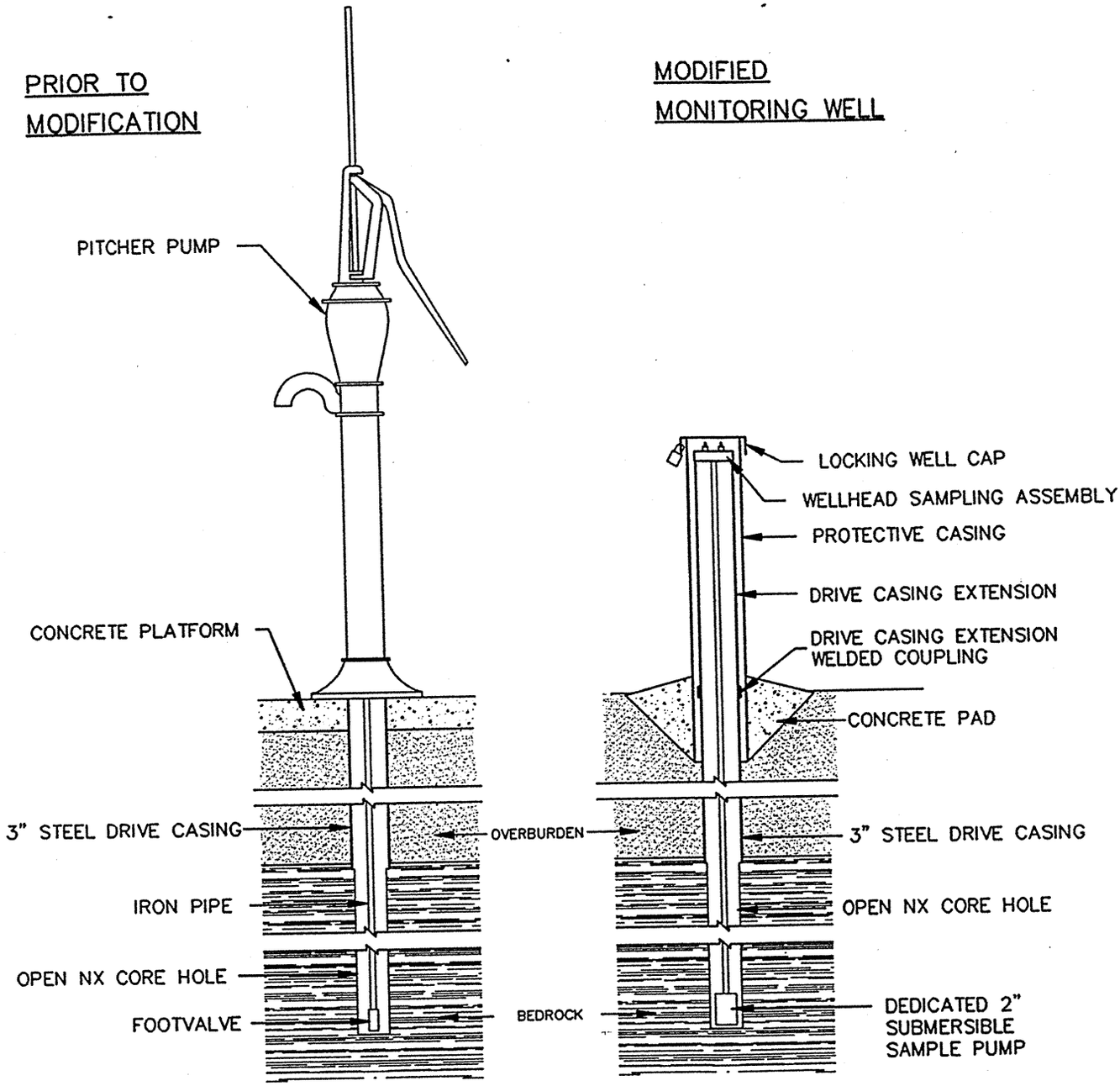
T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 7

	name:	date:
design	J.D.M.	9/12/96
check	J.D.M.	9/12/96
drawn	M.L.M.	9/12/96

scale
1"=150'

project no.
49531.01



CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd. PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON - OLIVE
REMEDIAL INVESTIGATION

PITCHER PUMP ASSEMBLY

MODIFICATIONS

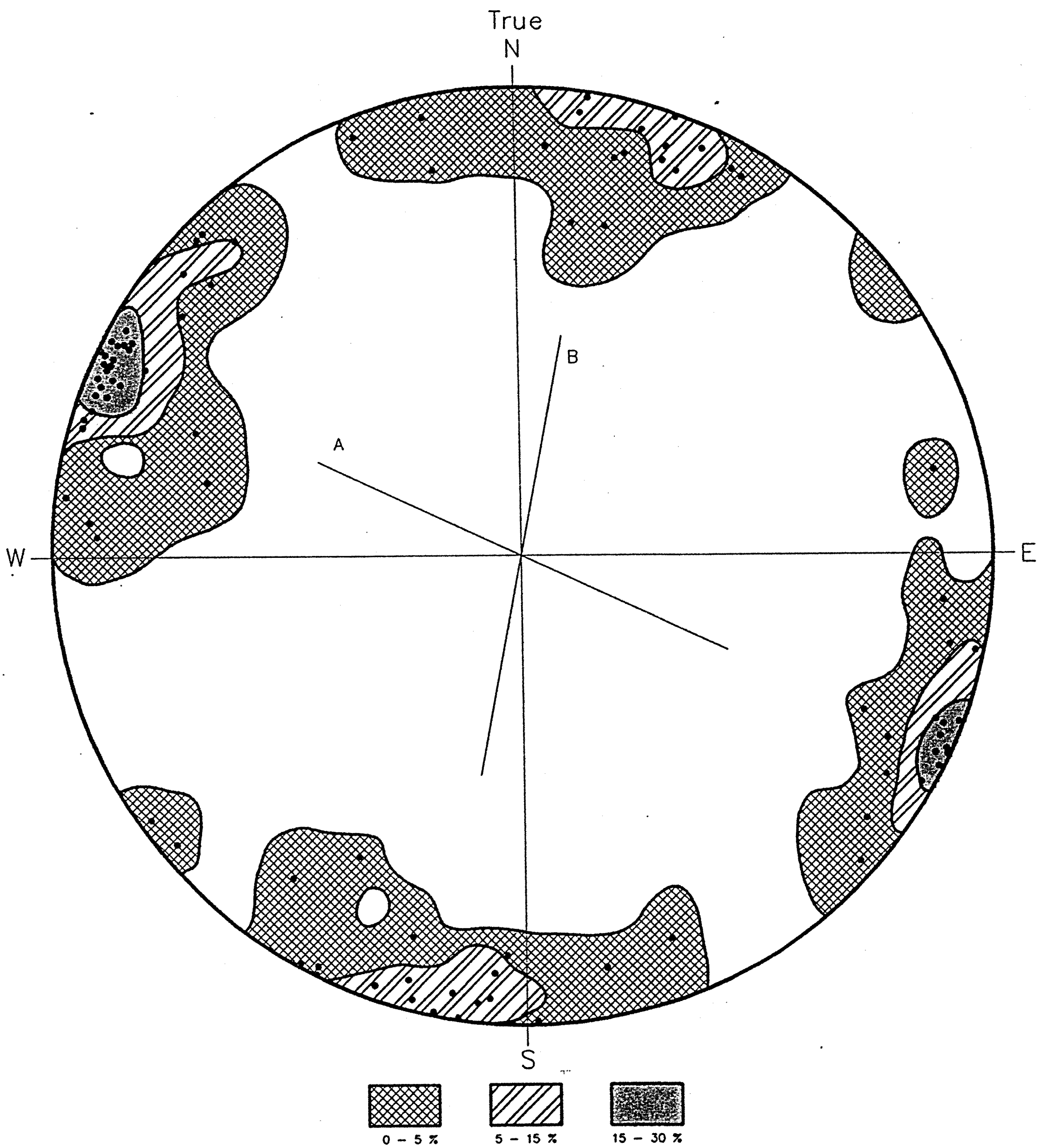
T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 8

date
9/16/96

project no.
49531-01

X:\A\49531-01\OLIVE\DATA\DWG\O-FIG-8.DWG
NONE PLOT SCALE: 1'=1 - SAVED UCS: PLOT



CONTOUR PI DIAGRAM OF 91 FRACTURES ON THE ROTRON Inc. PROPERTY. POLES ARE PLOTTED ON LOWER HEMISPHERE OF AN EQUAL–AREA PROJECTION. INSET TRACES IDENTIFY POLE SETS PERPENDICULAR TO DOMINANT VERTICAL AND SUBVERTICAL FRACTURES ORIENTED APPROXIMATELY N25E (⊥ Trace A) AND N79W (⊥ Trace B).

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd. PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454–3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457–1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371–0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

STEREOGRAPHIC BEDROCK FRACTURE ANALYSIS

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 9

date
9/12/96

project no.
49531-01

PLOT SCALE: 1"=1" – SAVED UCS: PLOT

THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office: Manchester Road PO Box 3479, Poughkeepsie, New York 12603, Phone: (914) 454-3980

Orange County Office: Suite G, 201 Ward Street, Montgomery, New York 12549, Phone: (914) 457-1521

Capital District Office: 1407 Route 9, Bldg. 2, Clifton Park, New York 12065, Phone: (518) 371-0929

rev.	date	description

ROTRON – OLIVE
REMEDIAL INVESTIGATION

FRACTURE TRACES OR LINEAMENTS INFERRED FROM GEOLOGIC INSPECTION, VLF SURVEY AND AIR PHOTOS

T/O OLIVE, ULSTER COUNTY, NEW YORK

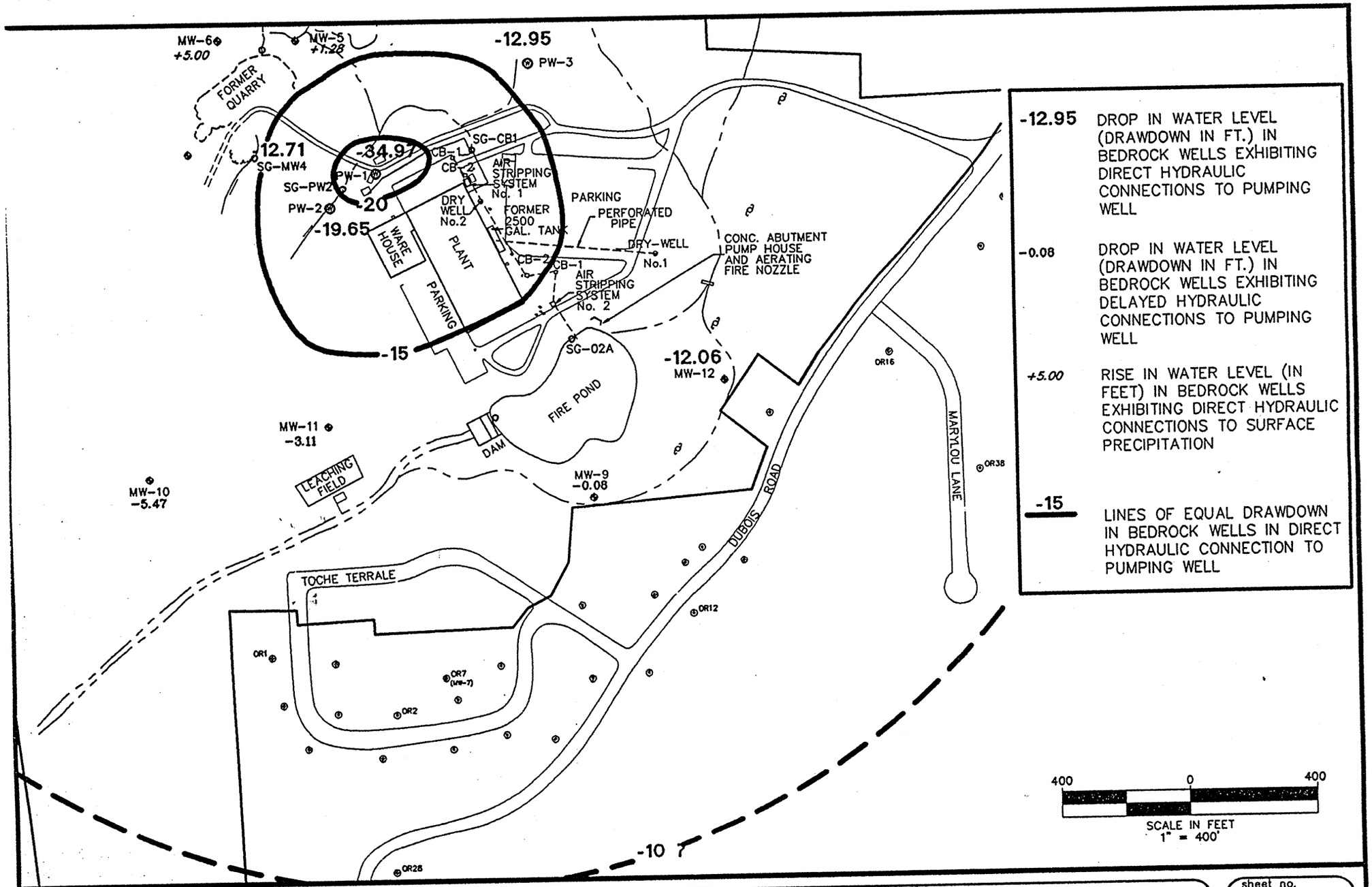
sheet no.

FIGURE 10

	name:	date:
designed by:	J.D.M.	9/12/96
checked by:	J.D.M.	9/12/96
drawn by:	M.L.M.	9/12/96

project no. 49531.01

X:\4\49531-01\OLIVEK\DATA\DWG\O-FIG-10.DWG
XREF: O-RVSITE.DWG
PLOT @ 1 = 1, VIEW = PLOT



CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd. PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

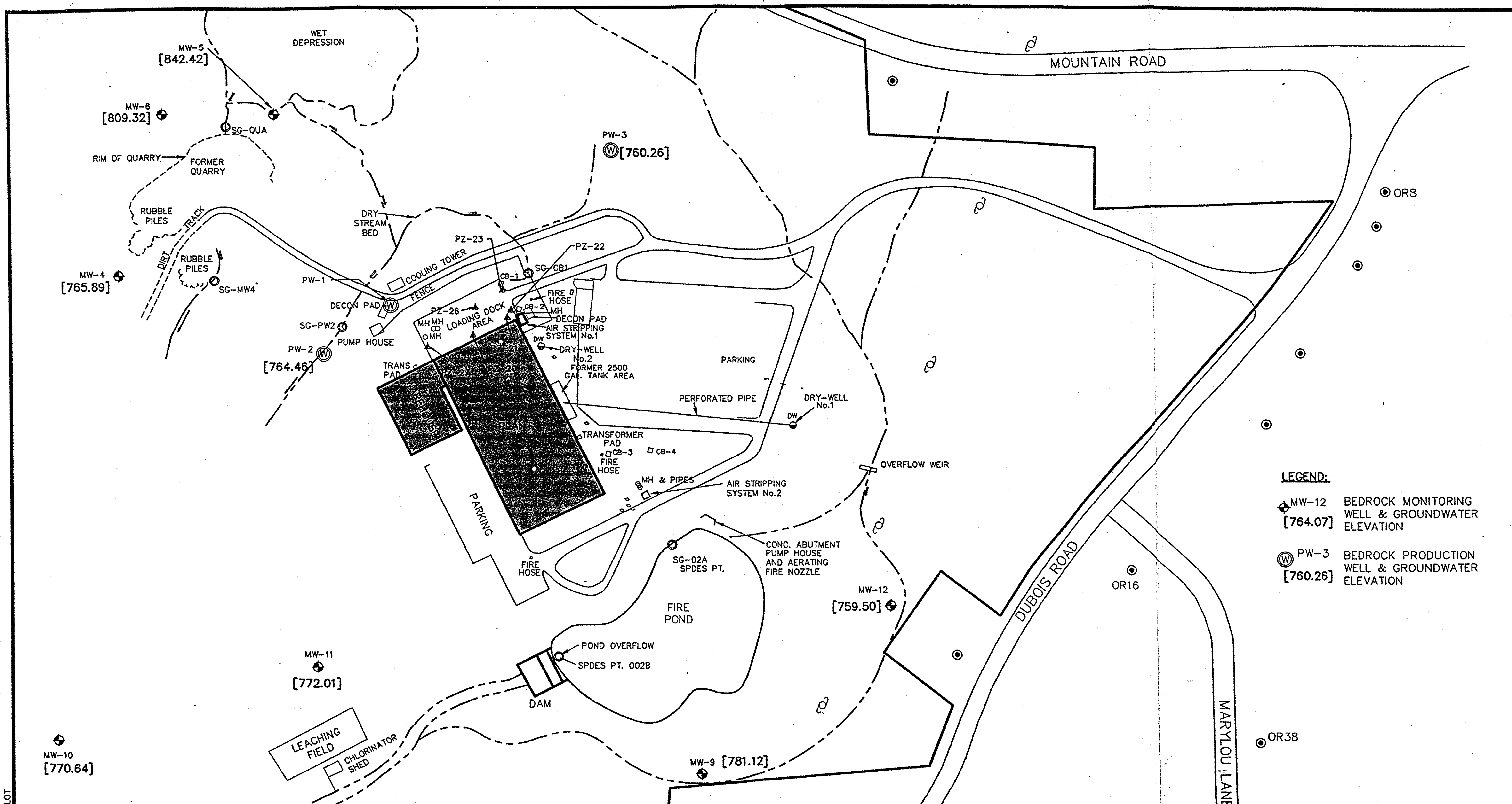
Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON - OLIVE
REMEDIAL INVESTIGATION

DRAWDOWN DURING 20 GPM PUMPING TEST OF WELL PW-1

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 11
date
9/12/96
project no.
40531.01



THE Chazen COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

RECENT BEDROCK GROUNDWATER ELEVATIONS AND ESTIMATED FLOW VECTORS

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no. **FIGURE 12**

	name:	date:
design	J.D.M.	9/10/96
check	J.D.M.	9/10/96
drawn	M.L.M.	9/10/96

scale 1"=200'

project no. 49531.01

LEGEND

TP-009 TEST PIT

SURFACE FLOWS

MW-4 MONITORING WELL

55375 MAGNETIC FIELD CONTOUR IN GAMMAS

MW-6

MW-5

SG-QUA

FILLED QUARRY

MAGNETIC ANOMALY AREAS

QUARRY

SURFACE OBJECT

RIM OF

TP-005

TP-004

TP-007

TP-003

TP-009

TP-008

TP-002

TP-011

TP-010

TP-006

TP-001

TP-012

RUBBLE PILES

MAGNETIC ANOMALY AREAS

MW-4

DIRT TRACK

RUBBLE PILES

SG-MW4

COOLING TOWER

PW-1

THE Chazen COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON-OLIVE
REMEDIAL INVESTIGATION

MAGNETIC ANOMALY MAP

FORMER QUARRY AREA

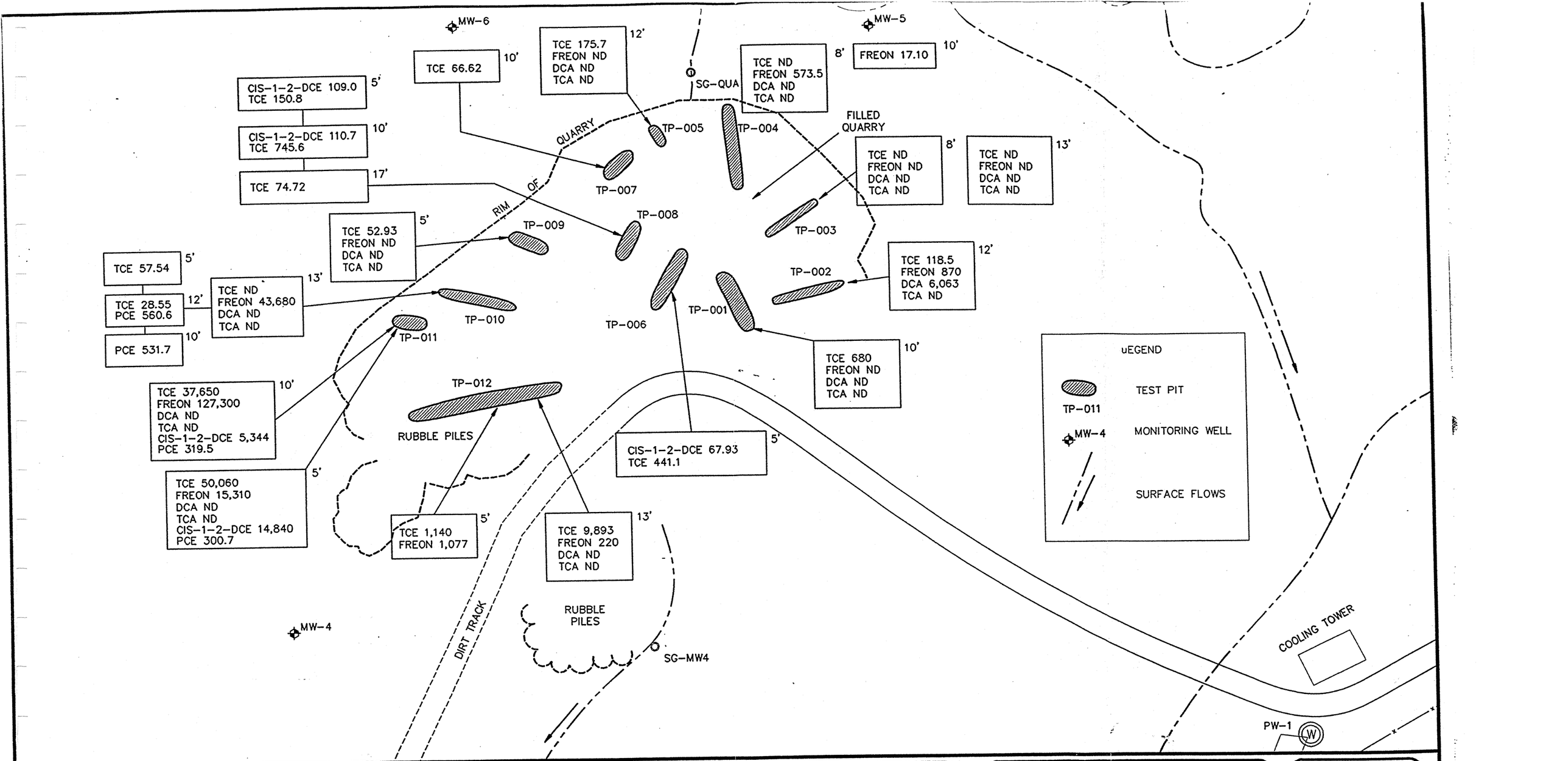
T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 13

	name:	date:
design	J.D.M.	9/16/96
check	J.D.M.	9/16/96
drawn	M.L.M	9/16/96

scale 1" = 50'

project no. 49531.01



THE *Chazen* COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

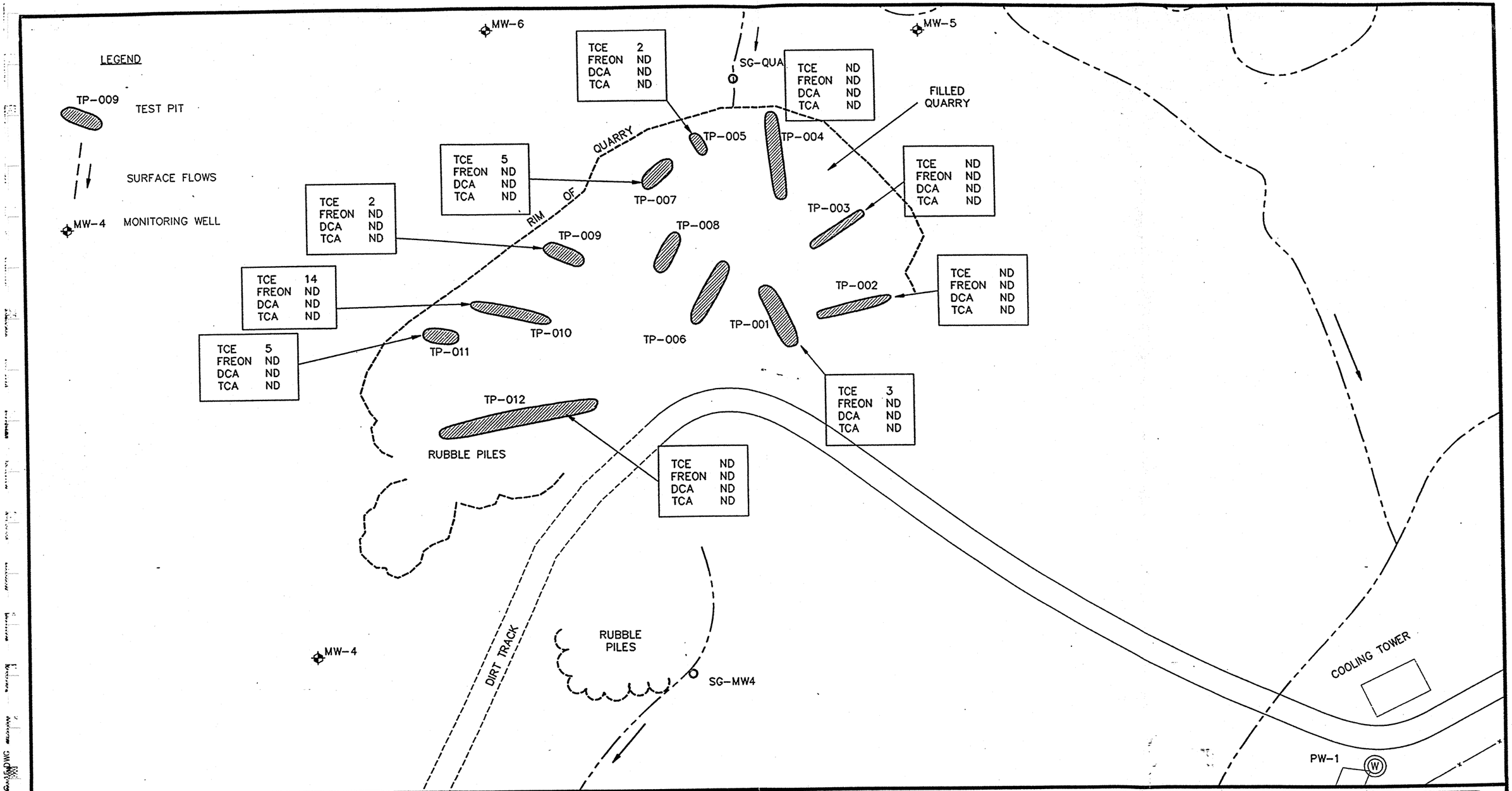
SOIL SAMPLE SCREENING WITH CHROMAGRAPH; FORMER QUARRY AREA

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 14

	name:	date:
design	J.D.M.	9/11/96
check	J.D.M.	9/11/96
drawn	M.L.M.	9/11/96
scale	1" = 50'	
project no.	49531.01	

PLOT @ 1 = 1



THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

LABORATORY SOIL SAMPLE RESULTS, FORMER QUARRY AREA

T/O OLIVE, ULSTER COUNTY, NEW YORK

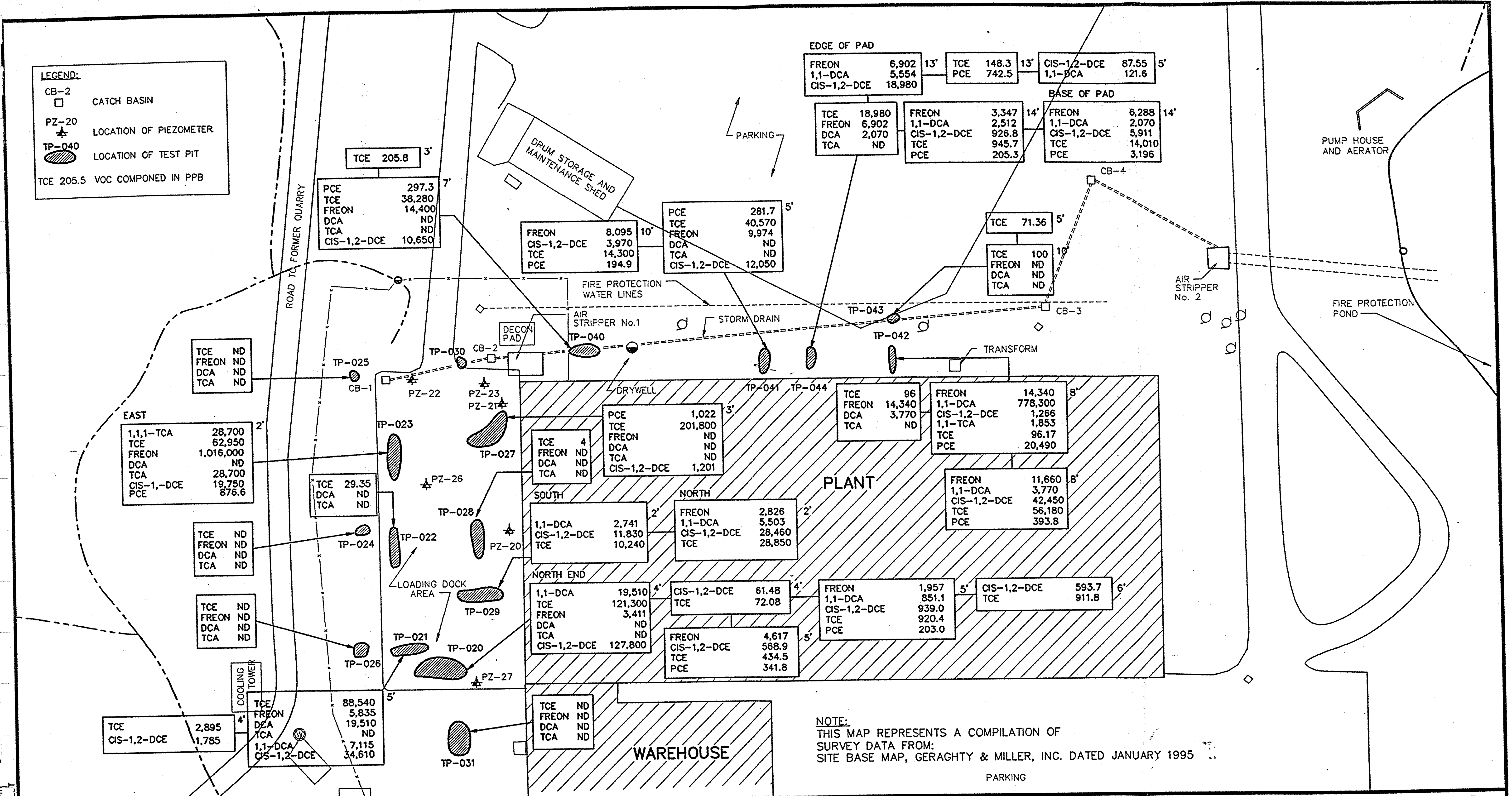
sheet no.
FIGURE 15

	name:	date:
design	J.D.M.	9/11/96
check	J.D.M.	9/11/96
drawn	M.L.M.	9/11/96

scale 1" = 50'

project no. 49531.01

PLOT @ 1 = 1



THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

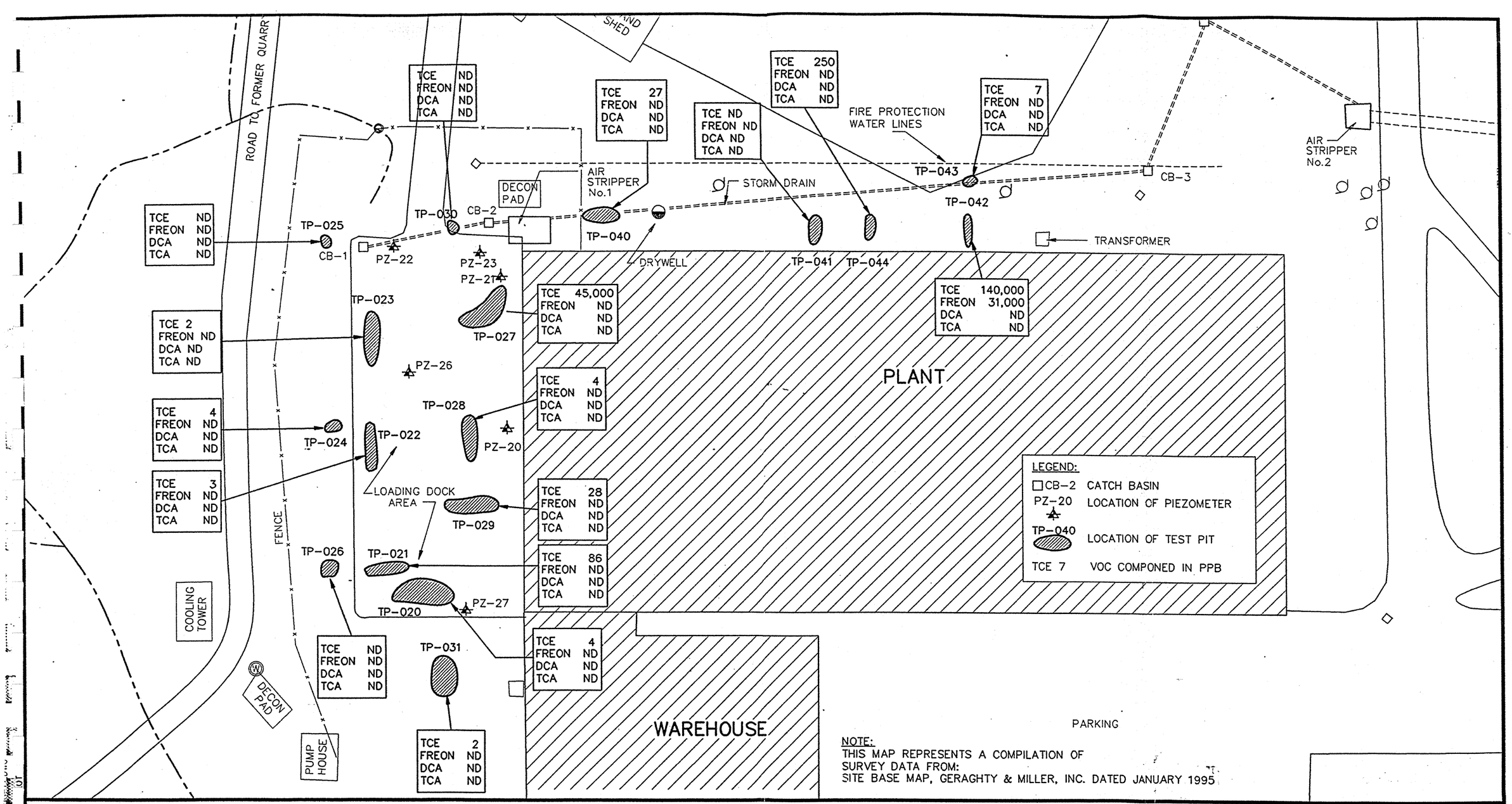
SOIL SAMPLE FIELD SCREENING RESULTS, LOADING DOCK AND WASTE SOLVENT TANK AREA

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 16

	name:	date:
design	J.D.M.	9/11/96
check	J.M.	9/11/96
drawn	M.L.M	9/11/96

scale 1"=60'
project no. 49531.01



NOTE:
THIS MAP REPRESENTS A COMPILATION OF SURVEY DATA FROM:
SITE BASE MAP, GERAGHTY & MILLER, INC. DATED JANUARY 1995

THE Chazen COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

LABORATORY SOIL SAMPLE RESULTS

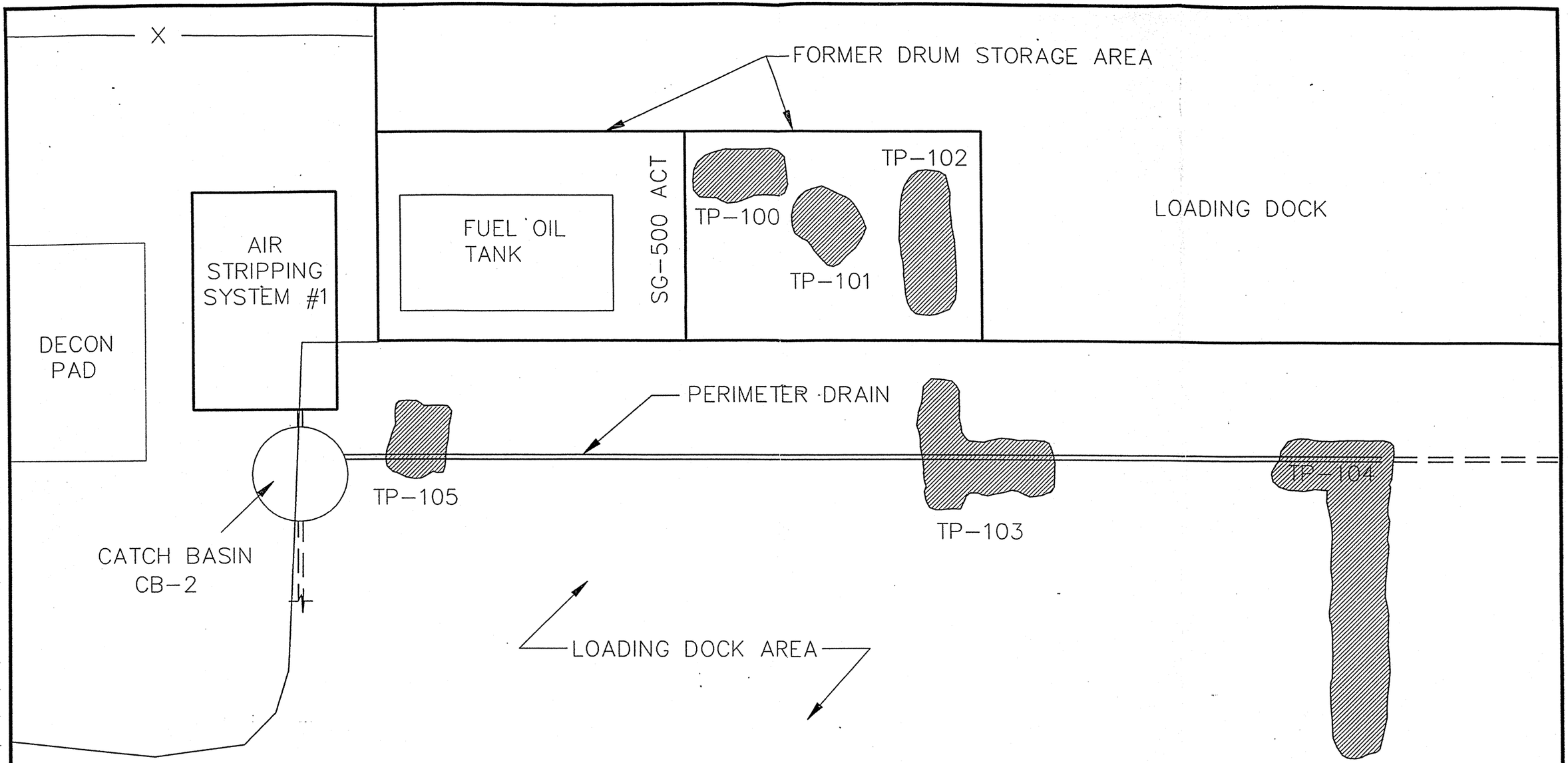
T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 17

	name:	date:
design	J.D.M.	9/11/96
check	J.M.	9/11/96
drawn	M.L.M	9/11/96

scale
1"=50'

project no.
49531.01



PLOT SCALE: 1"=1' - SAVED UCS: PLOT

THE Chazen COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON - OLIVE
REMEDIAL INVESTIGATION

ADDITIONAL TEST PIT LOCATIONS
DRUM STORAGE AREA

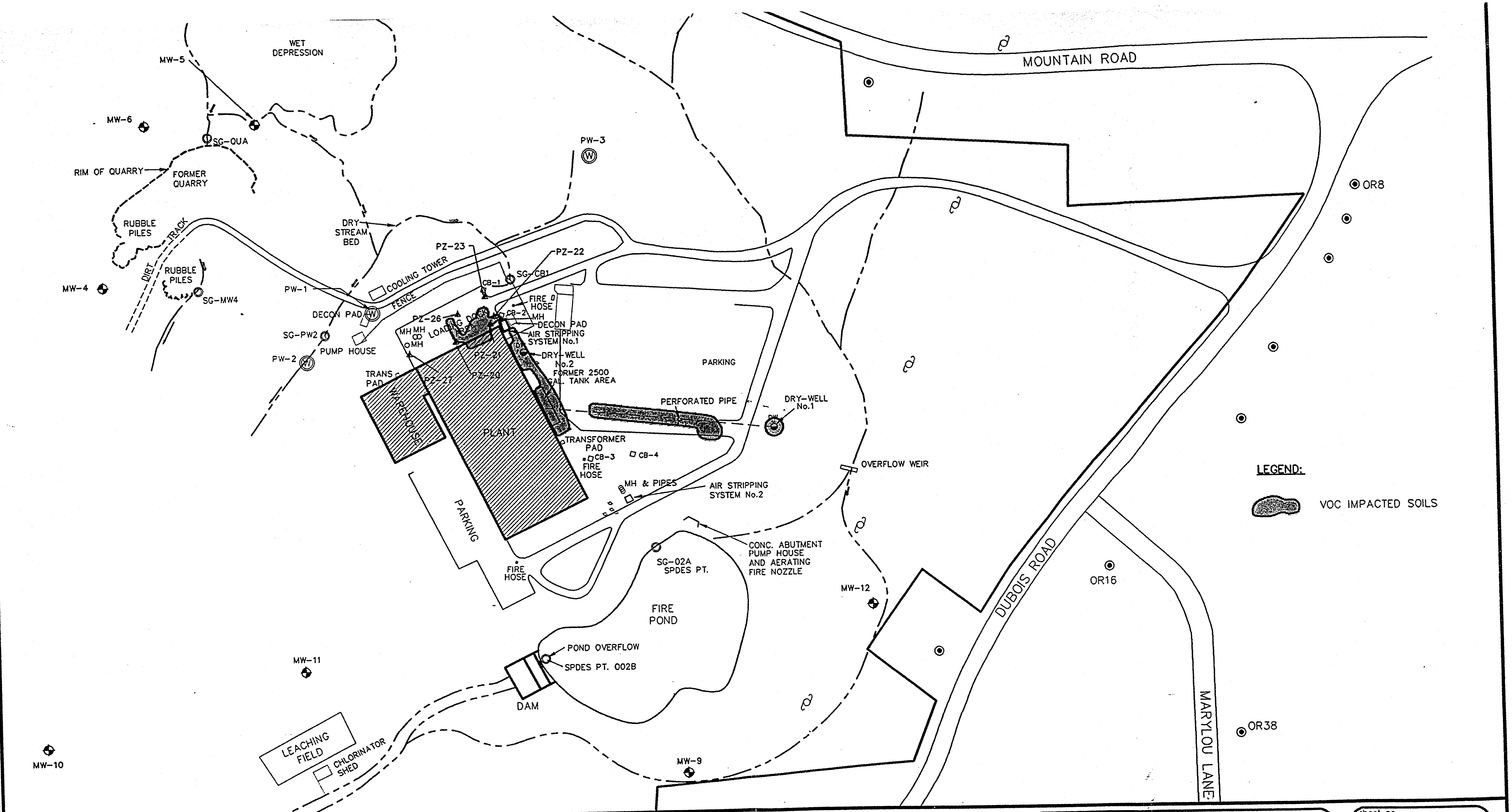
T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.
FIGURE 18

	name:	date:
design	J.D.M.	9/12/96
check	J.D.M.	9/12/96
drawn	R.T.S.	9/12/96

scale 1"=10'

project no. 49531.01



THE Chazen COMPANIES

Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Rd PO Box 3479
Poughkeepsie, NY 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, NY 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, NY 12065
Phone: (518) 371-0929

ROTRON – OLIVE
REMEDIAL INVESTIGATION

LIMITS OF THE VOC IMPACTED SOILS BASED ON FIELD SCREENING AND TEST PIT RESULTS

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.

FIGURE 19

	name:	date:
design	J.D.M.	9/10/96
check	J.D.M.	9/10/96
drawn	M.L.M.	9/10/96

scale 1"=200'

project no. 49531.01

XREF: O-RVSITE.DWG
PLOT @ 1 = 1, VIEW = PLOT

THE
Chazen
COMPANIES
Engineers/Surveyors
Planners
Environmental Scientists

CHAZEN ENVIRONMENTAL SERVICES, INC.

Dutchess County Office:
Manchester Road PO Box 3479
Poughkeepsie, New York 12603
Phone: (914) 454-3980

Orange County Office:
Suite G, 201 Ward Street
Montgomery, New York 12549
Phone: (914) 457-1521

Capital District Office:
1407 Route 9, Bldg. 2
Clifton Park, New York 12065
Phone: (518) 371-0929

rev.	date	description

ROTRON – OLIVE
REMEDIAL INVESTIGATION

RECENT GROUNDWATER AND SURFACE WATER SAMPLING RESULTS

T/O OLIVE, ULSTER COUNTY, NEW YORK

sheet no.

FIGURE 20

	name:	date:
designed by:	J.D.M.	9/10/96
checked by:	J.D.M.	9/10/96
drawn by:	M.L.M.	9/10/96

project no.
49531.01