

35435-006-SD

SOUTHEAST LANDFILL - PICNIC SITE  
 CODISPOSAL LANDFILL  
 70% WTE ASH and 30% OTHER  
 LANDFILL LEACHATE DATA  
 HILLSBOROUGH COUNTY, FL

41193

4029C30075

DLV ✓

SAMPLE DATE	ANALYTICAL PARAMETERS										
	Arsenic ug/l	Barium ug/l	Cadmium ug/l	Chromium ug/l	Lead ug/l	Mercury ug/l	Selenium ug/l	Silver ug/l	Conductivity umhos/cm	pH std. units	TDS mg/l
2/6/86	< 10.0	120.0	< 5.0	< 10.0	< 10.0	< 0.5	< 5.0	< 10.0	3,200	6.20	
11/26/86	< 10.0	< 100.0	< 5.0	< 10.0	< 10.0	< 0.5	< 5.0	< 10.0	3,250	6.30	2,050
2/25/87	< 10.0	< 100.0	< 5.0	< 10.0	< 10.0	< 0.5	< 5.0	< 10.0			2,350
5/20/87	10.0	550.0		17.0					5,500	7.00	3,320
5/21/87	30.0								4,300	6.70	2,890
8/12/87	25.0								4,600	6.50	2,900
11/17/87	21.0								6,600		3,850
11/17/87	23.0								4,400		2,550
2/18/88	27.0										1,619
2/18/88	18.0										2,712
5/24/88	14.0				12.0				6,100	6.60	2,768
5/24/88	41.0				19.0				4,500	6.60	1,874
8/25/88	12.0				10.0					6.81	3,120
11/9/88	57.0	100.0		56.0	25.0	0.6			5,500	6.45	2,364
11/9/88		970.0	33.0	365.0	1634.0	0.2			6,990	6.60	3,273
2/16/89											2,104
2/16/89											1,304
2/21/89				12.0					4,200	7.87	2,664
2/21/89				26.0	5.0				2,090	6.79	1,682
5/25/89	26.0									7.12	2,604
8/29/89	27.0										2,606
11/30/89										7.12	2,652
2/5/90										7.02	2,213
5/17/90	10.0									7.23	2,680
8/10/90	10.0								5,680	7.13	3,020
11/15/90	20.0								6,810	7.09	3,190
2/12/91	20.0			254.0	11.0				7,000	7.18	3,560
2/18/93				50.0					824	7.02	4,080
5/20/93				10.0					9,230	6.90	3,960
MIN OF DETECTS	10.0	100.0	33.0	10.0	5.0	0.2	0.0	0.0	824	6.20	1,304
MAX OF DETECTS	57.0	970.0	33.0	365.0	1,634	0.6	0.0	0.0	9,230	7.87	4,080
AVG OF DETECTS	23.0	435.0	33.0	98.8	245.1	0.4	0.0	0.0	5,043	6.87	2,713
TCLP LIMIT	5,000	100,000	1,000	5,000	5,000	200	1,000	5,000	NL	NL	NL
# OF DETECTS	17	4	1	8	7	2	0	0	18	21	28

NOTES :

< = Detection Limit

NL = No Regulatory Limit

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2/6/86	ND	120	ND	ND	ND	ND	ND	ND	ND	3200	6.2	ND
11/26/86	ND	ND	ND	ND	ND	ND	ND	ND	ND	3250	6.3	2050
2/25/87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2350
5/20/87	10	550	ND	17	ND	ND	ND	ND	ND	5500	7	3320
5/21/87	30	ND	ND	ND	ND	ND	ND	ND	ND	4300	6.7	2890
8/12/87	25	ND	ND	ND	ND	ND	ND	ND	ND	4600	6.5	2900
11/17/87	21	ND	ND	ND	ND	ND	ND	ND	ND	6600	ND	3850
11/17/87	23	ND	ND	ND	ND	ND	ND	ND	ND	4400	ND	2550
2/18/88	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1619
2/18/88	18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2712
5/24/88	14	ND	ND	ND	12	ND	ND	ND	ND	6100	6.6	2768
5/24/88	41	ND	ND	ND	19	ND	ND	ND	ND	4500	6.6	1874
8/25/88	12	ND	ND	ND	10	ND	ND	ND	ND	ND	6.81	3120
11/9/88	57	100	ND	56	25	0.6	ND	ND	ND	5500	6.45	2364
11/9/88	ND	970	33	365	1634	0.2	ND	ND	ND	6990	6.6	3273
2/16/89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2104
2/16/89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1304
2/21/89	ND	ND	ND	12	ND	ND	ND	ND	ND	4200	7.87	2664
2/21/89	ND	ND	ND	26	5	ND	ND	ND	ND	2090	6.79	1682
5/25/89	26	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.12	2604
8/29/89	27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2606
11/30/89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.12	2652
2/5/90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.02	2213
5/17/90	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.23	2680
8/10/90	10	ND	ND	ND	ND	ND	ND	ND	ND	5680	7.13	3020
11/15/90	20	ND	ND	ND	ND	ND	ND	ND	ND	6810	7.09	3190
2/12/91	20	ND	ND	254	11	ND	ND	ND	ND	7000	7.18	3560
2/18/93	ND	ND	ND	50	ND	ND	ND	ND	ND	824	7.02	4080
5/20/93	ND	ND	ND	10	ND	ND	ND	ND	ND	9230	6.9	3960
<b>MIN OF DETECTS</b>	10	100	33	10	5	0.2	0	0	0	824	6.2	1304
<b>MAX OF DETECTS</b>	57	970	33	365	1634	0.6	0	0	0	9230	7.87	4080
<b>AVG OF DETECTS</b>	23	435	33	98.75	245.1429	0.4	#DIV/0!	#DIV/0!	5043	6.868095	2712.821	

**IMAGE QUALITY**

**AS YOU VIEW THE FOLLOWING  
DOCUMENT, PLEASE NOTE THAT  
PORTIONS OF THE ORIGINAL WERE OF  
POOR QUALITY**

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1	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX
2	ANALYTICAL PARAMETERS											
3	SAMPLE DATE	Arsenic ug/l	Barium ug/l	Cadmium ug/l	Chromium ug/l	Lead ug/l						
4	31349	< 10	120	< 5	< 10	< 10	<					<
5	31732	< 10	< 100	< 5	< 10	< 10	<					<
6	31833	< 10	< 100	< 5	< 10	< 10	<					<
7	31917	10	950		17							
8	31918	30										
9	32001	25										
10	32098	21										
11	32098	23										
12	32191	27										
13	32191	18										
14	32287	14									12	
15	32287	41									19	
16	32380	12									10	
17	32456	57	100		56	25						
18	32456		970	33	365	1634						
19	32555											
20	32555											
21	32560											
22	32560				12							
23	32653	26			26						5	
24	32749	27										
25	32842											
26	32908											
27	33010	10										
28	33095	10										
29	33192	20										
30	33281	20							254		11	
31	34018				50							
32	34109				10							
33	MIN OF DETECTS	= AO73	= AQ73	= AS73	= AU73	= AW73						
34	MAX OF DETECTS	= AO74	= AQ74	= AS74	= AU74	= AW74						
35	AVG OF DETECTS	= IF(AO37=0,"0.0",AO75)	= IF(AQ37=0,"0.0",AQ75)	= IF(AS37=0,"0.0",AS75)	= IF(AU37=0,"0.0",AU75)	= IF(AW37=0,"0.0",AW75)						
36	TCLP LIMIT	5000	100000	1000	5000	5000						
37	# OF DETECTS	= COUNT(AO4:AO32)-COUNTA(AN4:AN32)	= COUNT(AQ4:AQ32)-COUNTA(AP4:AP32)	= COUNT(AS4:AS32)-COUNTA(AR4:AR32)	= COUNT(AU4:AU32)-COUNTA(AT4:AT32)	= COUNT(AW4:AW32)-COUNTA(AV4:AV32)						
38												
39	NOTES :											
40	< = Detection Limit											
41	NL = No Regulatory Limit											

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	AY	AZ	BA	BB	BC	BD	BE	BF
1								
2	Mercury		Selenium		Silver	Conductivity	pH	TDS
3	ug/l		ug/l		ug/l	umhos/cm	std. units	mg/l
4		<	5	<	10	3200	6.2	
5		<	5	<	10	3250	6.3	2050
6		<	5	<	10			2350
7						5500	7	3320
8						4300	6.7	2890
9						4600	6.5	2900
10						6600		3850
11						4400		2550
12								1619
13								2712
14						6100	6.6	2768
15						4500	6.6	1874
16							6.81	3120
17	0.6					5500	6.45	2364
18	0.2					6990	6.6	3273
19								2104
20								1304
21						4200	7.87	2664
22						2090	6.79	1682
23							7.12	2604
24								2606
25							7.12	2652
26							7.02	2213
27							7.23	2680
28						5680	7.13	3020
29						6810	7.09	3190
30						7000	7.18	3560
31						824	7.02	4080
32						9230	6.9	3960
33	= AY73	= BA73		= BC73		= BD73	= BE73	= BF73
34	= AY74	= BA74		= BC74		= BD74	= BE74	= BF74
35	= IF(AY37 = 0,"0.0",AY75)	= IF(BA37 = 0,"0.0",BA75)		= IF(BC37 = 0,"0.0",BC75)		= IF(BD37 = 0,"0.0",BD75)	= IF(BE37 = 0,"0.0",BE75)	= IF(BF37 = 0,"0.0",BF75)
36	200	1000		5000		NL	NL	NL
37	= COUNT(AY4:AY32)-COUNT(AX4:AX32)	= COUNT(BA4:BA32)-COUNT(AZ4:AZ32)		= COUNT(BC4:BC32)-COUNT(BB4:BB32)		= COUNT(BD4:BD32)	= COUNT(BE4:BE32)	= COUNT(BF4:BF32)
38								
39								
40								
41								

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	AO	AP	AS	AU	AW
45 31742	=IF(OR(AO4="<","ISBLANK(AO4)"),ND,AO4)	=IF(OR(AP4="<","ISBLANK(AP4)"),ND,AP4)	=IF(OR(AS4="<","ISBLANK(AS4)"),ND,AS4)	=IF(OR(AU4="<","ISBLANK(AU4)"),ND,AU4)	=IF(OR(AW4="<","ISBLANK(AW4)"),ND,AW4)
46 31833	=IF(OR(AO5="<","ISBLANK(AO5)"),ND,AO5)	=IF(OR(AP5="<","ISBLANK(AP5)"),ND,AP5)	=IF(OR(AS5="<","ISBLANK(AS5)"),ND,AS5)	=IF(OR(AU5="<","ISBLANK(AU5)"),ND,AU5)	=IF(OR(AW5="<","ISBLANK(AW5)"),ND,AW5)
47 31917	=IF(OR(AO6="<","ISBLANK(AO6)"),ND,AO6)	=IF(OR(AP6="<","ISBLANK(AP6)"),ND,AP6)	=IF(OR(AS6="<","ISBLANK(AS6)"),ND,AS6)	=IF(OR(AU6="<","ISBLANK(AU6)"),ND,AU6)	=IF(OR(AW6="<","ISBLANK(AW6)"),ND,AW6)
48 31918	=IF(OR(AO7="<","ISBLANK(AO7)"),ND,AO7)	=IF(OR(AP7="<","ISBLANK(AP7)"),ND,AP7)	=IF(OR(AS7="<","ISBLANK(AS7)"),ND,AS7)	=IF(OR(AU7="<","ISBLANK(AU7)"),ND,AU7)	=IF(OR(AW7="<","ISBLANK(AW7)"),ND,AW7)
49 32001	=IF(OR(AO8="<","ISBLANK(AO8)"),ND,AO8)	=IF(OR(AP8="<","ISBLANK(AP8)"),ND,AP8)	=IF(OR(AS8="<","ISBLANK(AS8)"),ND,AS8)	=IF(OR(AU8="<","ISBLANK(AU8)"),ND,AU8)	=IF(OR(AW8="<","ISBLANK(AW8)"),ND,AW8)
50 32098	=IF(OR(AO9="<","ISBLANK(AO9)"),ND,AO9)	=IF(OR(AP9="<","ISBLANK(AP9)"),ND,AP9)	=IF(OR(AS9="<","ISBLANK(AS9)"),ND,AS9)	=IF(OR(AU9="<","ISBLANK(AU9)"),ND,AU9)	=IF(OR(AW9="<","ISBLANK(AW9)"),ND,AW9)
51 32098	=IF(OR(AO10="<","ISBLANK(AO10)"),ND,AO10)	=IF(OR(AP10="<","ISBLANK(AP10)"),ND,AP10)	=IF(OR(AS10="<","ISBLANK(AS10)"),ND,AS10)	=IF(OR(AU10="<","ISBLANK(AU10)"),ND,AU10)	=IF(OR(AW10="<","ISBLANK(AW10)"),ND,AW10)
52 32191	=IF(OR(AO11="<","ISBLANK(AO11)"),ND,AO11)	=IF(OR(AP11="<","ISBLANK(AP11)"),ND,AP11)	=IF(OR(AS11="<","ISBLANK(AS11)"),ND,AS11)	=IF(OR(AU11="<","ISBLANK(AU11)"),ND,AU11)	=IF(OR(AW11="<","ISBLANK(AW11)"),ND,AW11)
53 32191	=IF(OR(AO12="<","ISBLANK(AO12)"),ND,AO12)	=IF(OR(AP12="<","ISBLANK(AP12)"),ND,AP12)	=IF(OR(AS12="<","ISBLANK(AS12)"),ND,AS12)	=IF(OR(AU12="<","ISBLANK(AU12)"),ND,AU12)	=IF(OR(AW12="<","ISBLANK(AW12)"),ND,AW12)
54 32287	=IF(OR(AO13="<","ISBLANK(AO13)"),ND,AO13)	=IF(OR(AP13="<","ISBLANK(AP13)"),ND,AP13)	=IF(OR(AS13="<","ISBLANK(AS13)"),ND,AS13)	=IF(OR(AU13="<","ISBLANK(AU13)"),ND,AU13)	=IF(OR(AW13="<","ISBLANK(AW13)"),ND,AW13)
55 32287	=IF(OR(AO14="<","ISBLANK(AO14)"),ND,AO14)	=IF(OR(AP14="<","ISBLANK(AP14)"),ND,AP14)	=IF(OR(AS14="<","ISBLANK(AS14)"),ND,AS14)	=IF(OR(AU14="<","ISBLANK(AU14)"),ND,AU14)	=IF(OR(AW14="<","ISBLANK(AW14)"),ND,AW14)
56 32380	=IF(OR(AO15="<","ISBLANK(AO15)"),ND,AO15)	=IF(OR(AP15="<","ISBLANK(AP15)"),ND,AP15)	=IF(OR(AS15="<","ISBLANK(AS15)"),ND,AS15)	=IF(OR(AU15="<","ISBLANK(AU15)"),ND,AU15)	=IF(OR(AW15="<","ISBLANK(AW15)"),ND,AW15)
57 32456	=IF(OR(AO16="<","ISBLANK(AO16)"),ND,AO16)	=IF(OR(AP16="<","ISBLANK(AP16)"),ND,AP16)	=IF(OR(AS16="<","ISBLANK(AS16)"),ND,AS16)	=IF(OR(AU16="<","ISBLANK(AU16)"),ND,AU16)	=IF(OR(AW16="<","ISBLANK(AW16)"),ND,AW16)
58 32456	=IF(OR(AO17="<","ISBLANK(AO17)"),ND,AO17)	=IF(OR(AP17="<","ISBLANK(AP17)"),ND,AP17)	=IF(OR(AS17="<","ISBLANK(AS17)"),ND,AS17)	=IF(OR(AU17="<","ISBLANK(AU17)"),ND,AU17)	=IF(OR(AW17="<","ISBLANK(AW17)"),ND,AW17)
59 32555	=IF(OR(AO18="<","ISBLANK(AO18)"),ND,AO18)	=IF(OR(AP18="<","ISBLANK(AP18)"),ND,AP18)	=IF(OR(AS18="<","ISBLANK(AS18)"),ND,AS18)	=IF(OR(AU18="<","ISBLANK(AU18)"),ND,AU18)	=IF(OR(AW18="<","ISBLANK(AW18)"),ND,AW18)
60 32555	=IF(OR(AO19="<","ISBLANK(AO19)"),ND,AO19)	=IF(OR(AP19="<","ISBLANK(AP19)"),ND,AP19)	=IF(OR(AS19="<","ISBLANK(AS19)"),ND,AS19)	=IF(OR(AU19="<","ISBLANK(AU19)"),ND,AU19)	=IF(OR(AW19="<","ISBLANK(AW19)"),ND,AW19)
61 32560	=IF(OR(AO20="<","ISBLANK(AO20)"),ND,AO20)	=IF(OR(AP20="<","ISBLANK(AP20)"),ND,AP20)	=IF(OR(AS20="<","ISBLANK(AS20)"),ND,AS20)	=IF(OR(AU20="<","ISBLANK(AU20)"),ND,AU20)	=IF(OR(AW20="<","ISBLANK(AW20)"),ND,AW20)
62 32560	=IF(OR(AO21="<","ISBLANK(AO21)"),ND,AO21)	=IF(OR(AP21="<","ISBLANK(AP21)"),ND,AP21)	=IF(OR(AS21="<","ISBLANK(AS21)"),ND,AS21)	=IF(OR(AU21="<","ISBLANK(AU21)"),ND,AU21)	=IF(OR(AW21="<","ISBLANK(AW21)"),ND,AW21)
63 32653	=IF(OR(AO22="<","ISBLANK(AO22)"),ND,AO22)	=IF(OR(AP22="<","ISBLANK(AP22)"),ND,AP22)	=IF(OR(AS22="<","ISBLANK(AS22)"),ND,AS22)	=IF(OR(AU22="<","ISBLANK(AU22)"),ND,AU22)	=IF(OR(AW22="<","ISBLANK(AW22)"),ND,AW22)
64 32749	=IF(OR(AO23="<","ISBLANK(AO23)"),ND,AO23)	=IF(OR(AP23="<","ISBLANK(AP23)"),ND,AP23)	=IF(OR(AS23="<","ISBLANK(AS23)"),ND,AS23)	=IF(OR(AU23="<","ISBLANK(AU23)"),ND,AU23)	=IF(OR(AW23="<","ISBLANK(AW23)"),ND,AW23)
65 32842	=IF(OR(AO24="<","ISBLANK(AO24)"),ND,AO24)	=IF(OR(AP24="<","ISBLANK(AP24)"),ND,AP24)	=IF(OR(AS24="<","ISBLANK(AS24)"),ND,AS24)	=IF(OR(AU24="<","ISBLANK(AU24)"),ND,AU24)	=IF(OR(AW24="<","ISBLANK(AW24)"),ND,AW24)
66 32909	=IF(OR(AO25="<","ISBLANK(AO25)"),ND,AO25)	=IF(OR(AP25="<","ISBLANK(AP25)"),ND,AP25)	=IF(OR(AS25="<","ISBLANK(AS25)"),ND,AS25)	=IF(OR(AU25="<","ISBLANK(AU25)"),ND,AU25)	=IF(OR(AW25="<","ISBLANK(AW25)"),ND,AW25)
67 33010	=IF(OR(AO26="<","ISBLANK(AO26)"),ND,AO26)	=IF(OR(AP26="<","ISBLANK(AP26)"),ND,AP26)	=IF(OR(AS26="<","ISBLANK(AS26)"),ND,AS26)	=IF(OR(AU26="<","ISBLANK(AU26)"),ND,AU26)	=IF(OR(AW26="<","ISBLANK(AW26)"),ND,AW26)
68 33095	=IF(OR(AO27="<","ISBLANK(AO27)"),ND,AO27)	=IF(OR(AP27="<","ISBLANK(AP27)"),ND,AP27)	=IF(OR(AS27="<","ISBLANK(AS27)"),ND,AS27)	=IF(OR(AU27="<","ISBLANK(AU27)"),ND,AU27)	=IF(OR(AW27="<","ISBLANK(AW27)"),ND,AW27)
69 33192	=IF(OR(AO28="<","ISBLANK(AO28)"),ND,AO28)	=IF(OR(AP28="<","ISBLANK(AP28)"),ND,AP28)	=IF(OR(AS28="<","ISBLANK(AS28)"),ND,AS28)	=IF(OR(AU28="<","ISBLANK(AU28)"),ND,AU28)	=IF(OR(AW28="<","ISBLANK(AW28)"),ND,AW28)
70 33281	=IF(OR(AO29="<","ISBLANK(AO29)"),ND,AO29)	=IF(OR(AP29="<","ISBLANK(AP29)"),ND,AP29)	=IF(OR(AS29="<","ISBLANK(AS29)"),ND,AS29)	=IF(OR(AU29="<","ISBLANK(AU29)"),ND,AU29)	=IF(OR(AW29="<","ISBLANK(AW29)"),ND,AW29)
71 34018	=IF(OR(AO30="<","ISBLANK(AO30)"),ND,AO30)	=IF(OR(AP30="<","ISBLANK(AP30)"),ND,AP30)	=IF(OR(AS30="<","ISBLANK(AS30)"),ND,AS30)	=IF(OR(AU30="<","ISBLANK(AU30)"),ND,AU30)	=IF(OR(AW30="<","ISBLANK(AW30)"),ND,AW30)
72 34109	=IF(OR(AO31="<","ISBLANK(AO31)"),ND,AO31)	=IF(OR(AP31="<","ISBLANK(AP31)"),ND,AP31)	=IF(OR(AS31="<","ISBLANK(AS31)"),ND,AS31)	=IF(OR(AU31="<","ISBLANK(AU31)"),ND,AU31)	=IF(OR(AW31="<","ISBLANK(AW31)"),ND,AW31)
73 MIN OF DETECTS	=MIN(AO44:AO72)	=MIN(AP44:AP72)	=MIN(AS44:AS72)	=MIN(AU44:AU72)	=MIN(AW44:AW72)
74 MAX OF DETECTS	=MAX(AO44:AO72)	=MAX(AP44:AP72)	=MAX(AS44:AS72)	=MAX(AU44:AU72)	=MAX(AW44:AW72)
75 AVG OF DETECTS	=AVERAGE(AO44:AO72)	=AVERAGE(AP44:AP72)	=AVERAGE(AS44:AS72)	=AVERAGE(AU44:AU72)	=AVERAGE(AW44:AW72)
76					

SOUTHEAST LANDFILL - PICNIC SITE  
 CODISPOSAL LANDFILL  
 70% WTE ASH and 30% OTHER  
 LANDFILL LEACHATE DATA  
 HILLSBOROUGH COUNTY, FL

	AY	BA	BC	BD	BE	BF
44	=IF(OR(AX44="<"),ISBLANK(AY44),"ND",AY44)	=IF(OR(BA44="<"),ISBLANK(BA44),"ND",BA44)	=IF(OR(BC44="<"),ISBLANK(BC44),"ND",BC44)	=IF(OR(BD44="<"),ISBLANK(BD44),"ND",BD44)	=IF(OR(BE44="<"),ISBLANK(BE44),"ND",BE44)	=IF(OR(BF44="<"),ISBLANK(BF44),"ND",BF44)
45	=IF(OR(AX45="<"),ISBLANK(AY45),"ND",AY45)	=IF(OR(BA45="<"),ISBLANK(BA45),"ND",BA45)	=IF(OR(BC45="<"),ISBLANK(BC45),"ND",BC45)	=IF(OR(BD45="<"),ISBLANK(BD45),"ND",BD45)	=IF(OR(BE45="<"),ISBLANK(BE45),"ND",BE45)	=IF(OR(BF45="<"),ISBLANK(BF45),"ND",BF45)
46	=IF(OR(AX46="<"),ISBLANK(AY46),"ND",AY46)	=IF(OR(BA46="<"),ISBLANK(BA46),"ND",BA46)	=IF(OR(BC46="<"),ISBLANK(BC46),"ND",BC46)	=IF(OR(BD46="<"),ISBLANK(BD46),"ND",BD46)	=IF(OR(BE46="<"),ISBLANK(BE46),"ND",BE46)	=IF(OR(BF46="<"),ISBLANK(BF46),"ND",BF46)
47	=IF(OR(AX47="<"),ISBLANK(AY47),"ND",AY7)	=IF(OR(BA47="<"),ISBLANK(BA47),"ND",BA7)	=IF(OR(BC47="<"),ISBLANK(BC7),"ND",BC7)	=IF(OR(BD47="<"),ISBLANK(BD7),"ND",BD7)	=IF(OR(BE47="<"),ISBLANK(BE7),"ND",BE7)	=IF(OR(BF47="<"),ISBLANK(BF7),"ND",BF7)
48	=IF(OR(AX48="<"),ISBLANK(AY48),"ND",AY8)	=IF(OR(BA48="<"),ISBLANK(BA8),"ND",BA8)	=IF(OR(BC48="<"),ISBLANK(BC8),"ND",BC8)	=IF(OR(BD48="<"),ISBLANK(BD8),"ND",BD8)	=IF(OR(BE48="<"),ISBLANK(BE8),"ND",BE8)	=IF(OR(BF48="<"),ISBLANK(BF8),"ND",BF8)
49	=IF(OR(AX49="<"),ISBLANK(AY49),"ND",AY9)	=IF(OR(BA49="<"),ISBLANK(BA9),"ND",BA9)	=IF(OR(BC49="<"),ISBLANK(BC9),"ND",BC9)	=IF(OR(BD49="<"),ISBLANK(BD9),"ND",BD9)	=IF(OR(BE49="<"),ISBLANK(BE9),"ND",BE9)	=IF(OR(BF49="<"),ISBLANK(BF9),"ND",BF9)
50	=IF(OR(AX10="<"),ISBLANK(AY10),"ND",AY10)	=IF(OR(BA10="<"),ISBLANK(BA10),"ND",BA10)	=IF(OR(BC10="<"),ISBLANK(BC10),"ND",BC10)	=IF(OR(BD10="<"),ISBLANK(BD10),"ND",BD10)	=IF(OR(BE10="<"),ISBLANK(BE10),"ND",BE10)	=IF(OR(BF10="<"),ISBLANK(BF10),"ND",BF10)
51	=IF(OR(AX11="<"),ISBLANK(AY11),"ND",AY11)	=IF(OR(BA11="<"),ISBLANK(BA11),"ND",BA11)	=IF(OR(BC11="<"),ISBLANK(BC11),"ND",BC11)	=IF(OR(BD11="<"),ISBLANK(BD11),"ND",BD11)	=IF(OR(BE11="<"),ISBLANK(BE11),"ND",BE11)	=IF(OR(BF11="<"),ISBLANK(BF11),"ND",BF11)
52	=IF(OR(AX12="<"),ISBLANK(AY12),"ND",AY12)	=IF(OR(BA12="<"),ISBLANK(BA12),"ND",BA12)	=IF(OR(BC12="<"),ISBLANK(BC12),"ND",BC12)	=IF(OR(BD12="<"),ISBLANK(BD12),"ND",BD12)	=IF(OR(BE12="<"),ISBLANK(BE12),"ND",BE12)	=IF(OR(BF12="<"),ISBLANK(BF12),"ND",BF12)
53	=IF(OR(AX13="<"),ISBLANK(AY13),"ND",AY13)	=IF(OR(BA13="<"),ISBLANK(BA13),"ND",BA13)	=IF(OR(BC13="<"),ISBLANK(BC13),"ND",BC13)	=IF(OR(BD13="<"),ISBLANK(BD13),"ND",BD13)	=IF(OR(BE13="<"),ISBLANK(BE13),"ND",BE13)	=IF(OR(BF13="<"),ISBLANK(BF13),"ND",BF13)
54	=IF(OR(AX14="<"),ISBLANK(AY14),"ND",AY14)	=IF(OR(BA14="<"),ISBLANK(BA14),"ND",BA14)	=IF(OR(BC14="<"),ISBLANK(BC14),"ND",BC14)	=IF(OR(BD14="<"),ISBLANK(BD14),"ND",BD14)	=IF(OR(BE14="<"),ISBLANK(BE14),"ND",BE14)	=IF(OR(BF14="<"),ISBLANK(BF14),"ND",BF14)
55	=IF(OR(AX15="<"),ISBLANK(AY15),"ND",AY15)	=IF(OR(BA15="<"),ISBLANK(BA15),"ND",BA15)	=IF(OR(BC15="<"),ISBLANK(BC15),"ND",BC15)	=IF(OR(BD15="<"),ISBLANK(BD15),"ND",BD15)	=IF(OR(BE15="<"),ISBLANK(BE15),"ND",BE15)	=IF(OR(BF15="<"),ISBLANK(BF15),"ND",BF15)
56	=IF(OR(AX16="<"),ISBLANK(AY16),"ND",AY16)	=IF(OR(BA16="<"),ISBLANK(BA16),"ND",BA16)	=IF(OR(BC16="<"),ISBLANK(BC16),"ND",BC16)	=IF(OR(BD16="<"),ISBLANK(BD16),"ND",BD16)	=IF(OR(BE16="<"),ISBLANK(BE16),"ND",BE16)	=IF(OR(BF16="<"),ISBLANK(BF16),"ND",BF16)
57	=IF(OR(AX17="<"),ISBLANK(AY17),"ND",AY17)	=IF(OR(BA17="<"),ISBLANK(BA17),"ND",BA17)	=IF(OR(BC17="<"),ISBLANK(BC17),"ND",BC17)	=IF(OR(BD17="<"),ISBLANK(BD17),"ND",BD17)	=IF(OR(BE17="<"),ISBLANK(BE17),"ND",BE17)	=IF(OR(BF17="<"),ISBLANK(BF17),"ND",BF17)
58	=IF(OR(AX18="<"),ISBLANK(AY18),"ND",AY18)	=IF(OR(BA18="<"),ISBLANK(BA18),"ND",BA18)	=IF(OR(BC18="<"),ISBLANK(BC18),"ND",BC18)	=IF(OR(BD18="<"),ISBLANK(BD18),"ND",BD18)	=IF(OR(BE18="<"),ISBLANK(BE18),"ND",BE18)	=IF(OR(BF18="<"),ISBLANK(BF18),"ND",BF18)
59	=IF(OR(AX19="<"),ISBLANK(AY19),"ND",AY19)	=IF(OR(BA19="<"),ISBLANK(BA19),"ND",BA19)	=IF(OR(BC19="<"),ISBLANK(BC19),"ND",BC19)	=IF(OR(BD19="<"),ISBLANK(BD19),"ND",BD19)	=IF(OR(BE19="<"),ISBLANK(BE19),"ND",BE19)	=IF(OR(BF19="<"),ISBLANK(BF19),"ND",BF19)
60	=IF(OR(AX20="<"),ISBLANK(AY20),"ND",AY20)	=IF(OR(BA20="<"),ISBLANK(BA20),"ND",BA20)	=IF(OR(BC20="<"),ISBLANK(BC20),"ND",BC20)	=IF(OR(BD20="<"),ISBLANK(BD20),"ND",BD20)	=IF(OR(BE20="<"),ISBLANK(BE20),"ND",BE20)	=IF(OR(BF20="<"),ISBLANK(BF20),"ND",BF20)
61	=IF(OR(AX21="<"),ISBLANK(AY21),"ND",AY21)	=IF(OR(BA21="<"),ISBLANK(BA21),"ND",BA21)	=IF(OR(BC21="<"),ISBLANK(BC21),"ND",BC21)	=IF(OR(BD21="<"),ISBLANK(BD21),"ND",BD21)	=IF(OR(BE21="<"),ISBLANK(BE21),"ND",BE21)	=IF(OR(BF21="<"),ISBLANK(BF21),"ND",BF21)
62	=IF(OR(AX22="<"),ISBLANK(AY22),"ND",AY22)	=IF(OR(BA22="<"),ISBLANK(BA22),"ND",BA22)	=IF(OR(BC22="<"),ISBLANK(BC22),"ND",BC22)	=IF(OR(BD22="<"),ISBLANK(BD22),"ND",BD22)	=IF(OR(BE22="<"),ISBLANK(BE22),"ND",BE22)	=IF(OR(BF22="<"),ISBLANK(BF22),"ND",BF22)
63	=IF(OR(AX23="<"),ISBLANK(AY23),"ND",AY23)	=IF(OR(BA23="<"),ISBLANK(BA23),"ND",BA23)	=IF(OR(BC23="<"),ISBLANK(BC23),"ND",BC23)	=IF(OR(BD23="<"),ISBLANK(BD23),"ND",BD23)	=IF(OR(BE23="<"),ISBLANK(BE23),"ND",BE23)	=IF(OR(BF23="<"),ISBLANK(BF23),"ND",BF23)
64	=IF(OR(AX24="<"),ISBLANK(AY24),"ND",AY24)	=IF(OR(BA24="<"),ISBLANK(BA24),"ND",BA24)	=IF(OR(BC24="<"),ISBLANK(BC24),"ND",BC24)	=IF(OR(BD24="<"),ISBLANK(BD24),"ND",BD24)	=IF(OR(BE24="<"),ISBLANK(BE24),"ND",BE24)	=IF(OR(BF24="<"),ISBLANK(BF24),"ND",BF24)
65	=IF(OR(AX25="<"),ISBLANK(AY25),"ND",AY25)	=IF(OR(BA25="<"),ISBLANK(BA25),"ND",BA25)	=IF(OR(BC25="<"),ISBLANK(BC25),"ND",BC25)	=IF(OR(BD25="<"),ISBLANK(BD25),"ND",BD25)	=IF(OR(BE25="<"),ISBLANK(BE25),"ND",BE25)	=IF(OR(BF25="<"),ISBLANK(BF25),"ND",BF25)
66	=IF(OR(AX26="<"),ISBLANK(AY26),"ND",AY26)	=IF(OR(BA26="<"),ISBLANK(BA26),"ND",BA26)	=IF(OR(BC26="<"),ISBLANK(BC26),"ND",BC26)	=IF(OR(BD26="<"),ISBLANK(BD26),"ND",BD26)	=IF(OR(BE26="<"),ISBLANK(BE26),"ND",BE26)	=IF(OR(BF26="<"),ISBLANK(BF26),"ND",BF26)
67	=IF(OR(AX27="<"),ISBLANK(AY27),"ND",AY27)	=IF(OR(BA27="<"),ISBLANK(BA27),"ND",BA27)	=IF(OR(BC27="<"),ISBLANK(BC27),"ND",BC27)	=IF(OR(BD27="<"),ISBLANK(BD27),"ND",BD27)	=IF(OR(BE27="<"),ISBLANK(BE27),"ND",BE27)	=IF(OR(BF27="<"),ISBLANK(BF27),"ND",BF27)
68	=IF(OR(AX28="<"),ISBLANK(AY28),"ND",AY28)	=IF(OR(BA28="<"),ISBLANK(BA28),"ND",BA28)	=IF(OR(BC28="<"),ISBLANK(BC28),"ND",BC28)	=IF(OR(BD28="<"),ISBLANK(BD28),"ND",BD28)	=IF(OR(BE28="<"),ISBLANK(BE28),"ND",BE28)	=IF(OR(BF28="<"),ISBLANK(BF28),"ND",BF28)
69	=IF(OR(AX29="<"),ISBLANK(AY29),"ND",AY29)	=IF(OR(BA29="<"),ISBLANK(BA29),"ND",BA29)	=IF(OR(BC29="<"),ISBLANK(BC29),"ND",BC29)	=IF(OR(BD29="<"),ISBLANK(BD29),"ND",BD29)	=IF(OR(BE29="<"),ISBLANK(BE29),"ND",BE29)	=IF(OR(BF29="<"),ISBLANK(BF29),"ND",BF29)
70	=IF(OR(AX30="<"),ISBLANK(AY30),"ND",AY30)	=IF(OR(BA30="<"),ISBLANK(BA30),"ND",BA30)	=IF(OR(BC30="<"),ISBLANK(BC30),"ND",BC30)	=IF(OR(BD30="<"),ISBLANK(BD30),"ND",BD30)	=IF(OR(BE30="<"),ISBLANK(BE30),"ND",BE30)	=IF(OR(BF30="<"),ISBLANK(BF30),"ND",BF30)
71	=IF(OR(AX31="<"),ISBLANK(AY31),"ND",AY31)	=IF(OR(BA31="<"),ISBLANK(BA31),"ND",BA31)	=IF(OR(BC31="<"),ISBLANK(BC31),"ND",BC31)	=IF(OR(BD31="<"),ISBLANK(BD31),"ND",BD31)	=IF(OR(BE31="<"),ISBLANK(BE31),"ND",BE31)	=IF(OR(BF31="<"),ISBLANK(BF31),"ND",BF31)
72	=IF(OR(AX32="<"),ISBLANK(AY32),"ND",AY32)	=IF(OR(BA32="<"),ISBLANK(BA32),"ND",BA32)	=IF(OR(BC32="<"),ISBLANK(BC32),"ND",BC32)	=IF(OR(BD32="<"),ISBLANK(BD32),"ND",BD32)	=IF(OR(BE32="<"),ISBLANK(BE32),"ND",BE32)	=IF(OR(BF32="<"),ISBLANK(BF32),"ND",BF32)
73	=MIN(AY44:AY72)	=MIN(BA44:BA72)	=MIN(BC44:BC72)	=MIN(BD44:BD72)	=MIN(BE44:BE72)	=MIN(BF44:BF72)
74	=MAX(AY44:AY72)	=MAX(BA44:BA72)	=MAX(BC44:BC72)	=MAX(BD44:BD72)	=MAX(BE44:BE72)	=MAX(BF44:BF72)
75	=AVERAGE(AY44:AY72)	=AVERAGE(BA44:BA72)	=AVERAGE(BC44:BC72)	=AVERAGE(BD44:BD72)	=AVERAGE(BE44:BE72)	=AVERAGE(BF44:BF72)
76						