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*Traffic Volume Survey*

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	5	0	0	5
12:15 - 12:30 a.m.	1	0	0	1
12:30 - 12:45 a.m.	1	0	0	1
12:45 - 1:00 a.m.	2	0	1	3
1:00 - 1:15 a.m.	1	0	0	1
1:15 - 1:30 a.m.	3	0	0	3
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	2	0	0	2
2:30 - 2:45 a.m.	1	0	0	1
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	1	1	0	2
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	1	0	0	1
4:30 - 4:45 a.m.	8	1	0	9
4:45 - 5:00 a.m.	0	0	0	0
5:00 - 5:15 a.m.	1	1	0	2
5:15 - 5:30 a.m.	1	0	0	1
5:30 - 5:45 a.m.	0	0	0	0
5:45 - 6:00 a.m.	9	0	0	9
6:00 - 6:15 a.m.	3	0	0	3
6:15 - 6:30 a.m.	1	0	1	2
6:30 - 6:45 a.m.	6	0	0	6
6:45 - 7:00 a.m.	11	0	1	12
7:00 - 7:15 a.m.	23	0	0	23
7:15 - 7:30 a.m.	22	1	0	23
7:30 - 7:45 a.m.	18	4	1	23
7:45 - 8:00 a.m.	33	1	0	34
8:00 - 8:15 a.m.	31	3	0	34
8:15 - 8:30 a.m.	14	5	0	19
8:30 - 8:45 a.m.	19	3	2	24
8:45 - 9:00 a.m.	10	0	2	12
9:00 - 9:15 a.m.	17	0	0	17
9:15 - 9:30 a.m.	15	2	1	18
9:30 - 9:45 a.m.	12	5	3	20
9:45 - 10:00 a.m.	18	4	1	23
10:00 - 10:15 a.m.	12	8	3	23
10:15 - 10:30 a.m.	19	1	0	20
10:30 - 10:45 a.m.	15	2	1	18

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	18	2	9	29
11:00 - 11:15 a.m.	16	2	5	23
11:15 - 11:30 a.m.	24	4	0	28
11:30 - 11:45 a.m.	13	1	1	15
11:45 - 12:00 p.m.	14	3	0	17
12:00 - 12:15 p.m.	22	0	0	22
12:15 - 12:30 p.m.	56	2	1	59
12:30 - 12:45 p.m.	33	6	0	39
12:45 - 1:00 p.m.	23	0	0	23
1:00 - 1:15 p.m.	23	2	1	26
1:15 - 1:30 p.m.	21	3	0	24
1:30 - 1:45 p.m.	24	9	0	33
1:45 - 2:00 p.m.	20	4	0	24
2:00 - 2:15 p.m.	19	4	0	23
2:15 - 2:30 p.m.	27	5	7	39
2:30 - 2:45 p.m.	20	5	0	25
2:45 - 3:00 p.m.	28	7	2	37
3:00 - 3:15 p.m.	21	9	1	31
3:15 - 3:30 p.m.	39	5	4	48
3:30 - 3:45 p.m.	41	5	0	46
3:45 - 4:00 p.m.	50	10	2	62
4:00 - 4:15 p.m.	46	2	1	49
4:15 - 4:30 p.m.	57	1	1	59
4:30 - 4:45 p.m.	51	4	2	57
4:45 - 5:00 p.m.	70	2	1	73
5:00 - 5:15 p.m.	52	3	1	56
5:15 - 5:30 p.m.	57	2	0	59
5:30 - 5:45 p.m.	62	0	0	62
5:45 - 6:00 p.m.	56	2	0	58
6:00 - 6:15 p.m.	49	1	0	50
6:15 - 6:30 p.m.	47	3	1	51
6:30 - 6:45 p.m.	43	1	1	45
6:45 - 7:00 p.m.	25	4	2	31
7:00 - 7:15 p.m.	30	1	2	33
7:15 - 7:30 p.m.	25	6	0	31
7:30 - 7:45 p.m.	45	2	1	48
7:45 - 8:00 p.m.	17	1	0	18
8:00 - 8:15 p.m.	13	1	1	15
8:15 - 8:30 p.m.	23	1	1	25
8:30 - 8:45 p.m.	15	1	0	16
8:45 - 9:00 p.m.	25	1	1	27
9:00 - 9:15 p.m.	11	5	0	16
9:15 - 9:30 p.m.	7	2	2	11

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	16	0	1	17
9:45 - 10:00 p.m.	19	2	1	22
10:00 - 10:15 p.m.	4	0	1	5
10:15 - 10:30 p.m.	46	2	1	49
10:30 - 10:45 p.m.	86	8	1	95
10:45 - 11:00 p.m.	30	1	0	31
11:00 - 11:15 p.m.	5	0	0	5
11:15 - 11:30 p.m.	6	1	1	8
11:30 - 11:45 p.m.	4	0	0	4
11:45 - 12:00 a.m.	3	0	0	3
Total	1935	190	74	2199

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	3	1	1	5
12:15 - 12:30 a.m.	0	0	3	3
12:30 - 12:45 a.m.	0	0	1	1
12:45 - 1:00 a.m.	0	0	2	2
1:00 - 1:15 a.m.	2	0	1	3
1:15 - 1:30 a.m.	0	1	1	2
1:30 - 1:45 a.m.	0	0	1	1
1:45 - 2:00 a.m.	0	0	2	2
2:00 - 2:15 a.m.	0	0	1	1
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	1	0	0	1
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	1	1
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	1	0	0	1
4:30 - 4:45 a.m.	0	0	0	0
4:45 - 5:00 a.m.	2	0	0	2
5:00 - 5:15 a.m.	1	0	0	1
5:15 - 5:30 a.m.	0	1	0	1
5:30 - 5:45 a.m.	2	1	0	3
5:45 - 6:00 a.m.	3	1	1	5
6:00 - 6:15 a.m.	5	1	0	6
6:15 - 6:30 a.m.	10	1	0	11
6:30 - 6:45 a.m.	25	2	0	27
6:45 - 7:00 a.m.	22	2	0	24
7:00 - 7:15 a.m.	26	2	0	28
7:15 - 7:30 a.m.	31	3	1	35
7:30 - 7:45 a.m.	26	1	0	27
7:45 - 8:00 a.m.	32	0	0	32
8:00 - 8:15 a.m.	33	1	0	34
8:15 - 8:30 a.m.	37	1	0	38
8:30 - 8:45 a.m.	33	3	0	36
8:45 - 9:00 a.m.	40	1	1	42
9:00 - 9:15 a.m.	30	3	1	34
9:15 - 9:30 a.m.	46	1	0	47
9:30 - 9:45 a.m.	34	1	0	35
9:45 - 10:00 a.m.	38	0	0	38
10:00 - 10:15 a.m.	60	1	1	62
10:15 - 10:30 a.m.	35	1	0	36
10:30 - 10:45 a.m.	48	0	1	49

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	45	3	2	50
11:00 - 11:15 a.m.	52	0	0	52
11:15 - 11:30 a.m.	52	5	0	57
11:30 - 11:45 a.m.	72	0	0	72
11:45 - 12:00 p.m.	55	0	1	56
12:00 - 12:15 p.m.	35	9	2	46
12:15 - 12:30 p.m.	15	4	3	22
12:30 - 12:45 p.m.	15	5	5	25
12:45 - 1:00 p.m.	17	3	4	24
1:00 - 1:15 p.m.	21	3	6	30
1:15 - 1:30 p.m.	18	2	1	21
1:30 - 1:45 p.m.	15	4	1	20
1:45 - 2:00 p.m.	19	3	2	24
2:00 - 2:15 p.m.	16	6	3	25
2:15 - 2:30 p.m.	13	6	6	25
2:30 - 2:45 p.m.	18	3	2	23
2:45 - 3:00 p.m.	12	4	1	17
3:00 - 3:15 p.m.	12	2	5	19
3:15 - 3:30 p.m.	20	3	3	26
3:30 - 3:45 p.m.	16	2	2	20
3:45 - 4:00 p.m.	21	1	0	22
4:00 - 4:15 p.m.	31	3	3	37
4:15 - 4:30 p.m.	32	2	4	38
4:30 - 4:45 p.m.	28	4	3	35
4:45 - 5:00 p.m.	48	2	4	54
5:00 - 5:15 p.m.	32	1	2	35
5:15 - 5:30 p.m.	36	4	2	42
5:30 - 5:45 p.m.	52	0	5	57
5:45 - 6:00 p.m.	48	2	2	52
6:00 - 6:15 p.m.	49	4	3	56
6:15 - 6:30 p.m.	30	0	0	30
6:30 - 6:45 p.m.	22	1	0	23
6:45 - 7:00 p.m.	21	1	1	23
7:00 - 7:15 p.m.	17	2	1	20
7:15 - 7:30 p.m.	19	0	0	19
7:30 - 7:45 p.m.	18	2	0	20
7:45 - 8:00 p.m.	11	4	0	15
8:00 - 8:15 p.m.	13	1	0	14
8:15 - 8:30 p.m.	8	0	0	8
8:30 - 8:45 p.m.	14	0	0	14
8:45 - 9:00 p.m.	12	1	3	16
9:00 - 9:15 p.m.	11	0	1	12
9:15 - 9:30 p.m.	11	0	0	11

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	11	0	0	11
9:45 - 10:00 p.m.	10	0	2	12
10:00 - 10:15 p.m.	8	0	1	9
10:15 - 10:30 p.m.	18	0	0	18
10:30 - 10:45 p.m.	57	0	1	58
10:45 - 11:00 p.m.	10	3	0	13
11:00 - 11:15 p.m.	7	1	4	12
11:15 - 11:30 p.m.	6	0	1	7
11:30 - 11:45 p.m.	0	0	2	2
11:45 - 12:00 a.m.	7	0	0	7
Total	1883	136	114	2133

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	0	0	0
12:15 - 12:30 a.m.	0	0	0	0
12:30 - 12:45 a.m.	1	0	1	2
12:45 - 1:00 a.m.	1	0	4	5
1:00 - 1:15 a.m.	1	0	2	3
1:15 - 1:30 a.m.	3	0	0	3
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	1	0	0	1
2:30 - 2:45 a.m.	2	0	1	3
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	1	0	0	1
3:15 - 3:30 a.m.	1	0	0	1
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	1	0	0	1
4:30 - 4:45 a.m.	0	0	0	0
4:45 - 5:00 a.m.	1	0	0	1
5:00 - 5:15 a.m.	0	0	0	0
5:15 - 5:30 a.m.	2	0	0	2
5:30 - 5:45 a.m.	1	0	0	1
5:45 - 6:00 a.m.	8	1	0	9
6:00 - 6:15 a.m.	6	0	0	6
6:15 - 6:30 a.m.	5	0	0	5
6:30 - 6:45 a.m.	8	0	0	8
6:45 - 7:00 a.m.	4	0	0	4
7:00 - 7:15 a.m.	15	0	0	15
7:15 - 7:30 a.m.	12	0	0	12
7:30 - 7:45 a.m.	11	1	0	12
7:45 - 8:00 a.m.	14	3	0	17
8:00 - 8:15 a.m.	13	0	0	13
8:15 - 8:30 a.m.	10	0	0	10
8:30 - 8:45 a.m.	16	2	0	18
8:45 - 9:00 a.m.	10	1	0	11
9:00 - 9:15 a.m.	9	1	0	10
9:15 - 9:30 a.m.	5	0	0	5
9:30 - 9:45 a.m.	6	2	0	8
9:45 - 10:00 a.m.	8	1	1	10
10:00 - 10:15 a.m.	9	4	0	13
10:15 - 10:30 a.m.	7	7	0	14
10:30 - 10:45 a.m.	9	4	0	13



SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	6	2	1	9
11:00 - 11:15 a.m.	10	0	2	12
11:15 - 11:30 a.m.	13	2	1	16
11:30 - 11:45 a.m.	9	0	1	10
11:45 - 12:00 p.m.	11	2	0	13
12:00 - 12:15 p.m.	70	8	0	78
12:15 - 12:30 p.m.	35	4	4	43
12:30 - 12:45 p.m.	28	3	2	33
12:45 - 1:00 p.m.	19	1	2	22
1:00 - 1:15 p.m.	14	0	2	16
1:15 - 1:30 p.m.	16	5	1	22
1:30 - 1:45 p.m.	13	0	1	14
1:45 - 2:00 p.m.	14	3	0	17
2:00 - 2:15 p.m.	19	1	4	24
2:15 - 2:30 p.m.	22	2	1	25
2:30 - 2:45 p.m.	12	3	1	16
2:45 - 3:00 p.m.	18	2	0	20
3:00 - 3:15 p.m.	21	3	0	24
3:15 - 3:30 p.m.	14	0	0	14
3:30 - 3:45 p.m.	19	4	1	24
3:45 - 4:00 p.m.	17	3	0	20
4:00 - 4:15 p.m.	28	3	1	32
4:15 - 4:30 p.m.	24	3	0	27
4:30 - 4:45 p.m.	18	1	1	20
4:45 - 5:00 p.m.	27	0	0	27
5:00 - 5:15 p.m.	32	0	1	33
5:15 - 5:30 p.m.	17	1	0	18
5:30 - 5:45 p.m.	26	0	1	27
5:45 - 6:00 p.m.	16	0	0	16
6:00 - 6:15 p.m.	5	0	1	6
6:15 - 6:30 p.m.	9	0	0	9
6:30 - 6:45 p.m.	13	2	0	15
6:45 - 7:00 p.m.	16	0	0	16
7:00 - 7:15 p.m.	7	0	0	7
7:15 - 7:30 p.m.	10	1	0	11
7:30 - 7:45 p.m.	8	0	0	8
7:45 - 8:00 p.m.	12	0	0	12
8:00 - 8:15 p.m.	9	0	0	9
8:15 - 8:30 p.m.	2	0	0	2
8:30 - 8:45 p.m.	13	0	0	13
8:45 - 9:00 p.m.	10	1	1	12
9:00 - 9:15 p.m.	5	0	0	5
9:15 - 9:30 p.m.	7	1	0	8

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	3	0	0	3
9:45 - 10:00 p.m.	5	0	0	5
10:00 - 10:15 p.m.	8	0	0	8
10:15 - 10:30 p.m.	5	0	0	5
10:30 - 10:45 p.m.	4	0	0	4
10:45 - 11:00 p.m.	7	1	0	8
11:00 - 11:15 p.m.	1	0	0	1
11:15 - 11:30 p.m.	2	0	0	2
11:30 - 11:45 p.m.	1	0	0	1
11:45 - 12:00 a.m.	0	0	0	0
Total	952	89	39	1080

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	3	0	1	4
12:15 - 12:30 a.m.	0	0	1	1
12:30 - 12:45 a.m.	2	0	0	2
12:45 - 1:00 a.m.	4	0	0	4
1:00 - 1:15 a.m.	2	0	1	3
1:15 - 1:30 a.m.	0	1	1	2
1:30 - 1:45 a.m.	1	0	1	2
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	0	0	1	1
2:15 - 2:30 a.m.	1	0	0	1
2:30 - 2:45 a.m.	1	0	0	1
2:45 - 3:00 a.m.	1	0	0	1
3:00 - 3:15 a.m.	1	0	0	1
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	0	0	0	0
4:15 - 4:30 a.m.	2	0	0	2
4:30 - 4:45 a.m.	2	1	0	3
4:45 - 5:00 a.m.	1	0	0	1
5:00 - 5:15 a.m.	2	0	0	2
5:15 - 5:30 a.m.	4	0	0	4
5:30 - 5:45 a.m.	4	0	0	4
5:45 - 6:00 a.m.	1	0	0	1
6:00 - 6:15 a.m.	1	3	0	4
6:15 - 6:30 a.m.	2	0	0	2
6:30 - 6:45 a.m.	4	1	0	5
6:45 - 7:00 a.m.	11	1	2	14
7:00 - 7:15 a.m.	8	0	0	8
7:15 - 7:30 a.m.	5	1	0	6
7:30 - 7:45 a.m.	9	1	0	10
7:45 - 8:00 a.m.	10	0	1	11
8:00 - 8:15 a.m.	11	2	0	13
8:15 - 8:30 a.m.	6	1	0	7
8:30 - 8:45 a.m.	5	0	1	6
8:45 - 9:00 a.m.	12	2	1	15
9:00 - 9:15 a.m.	5	2	0	7
9:15 - 9:30 a.m.	9	2	1	12
9:30 - 9:45 a.m.	11	1	1	13
9:45 - 10:00 a.m.	13	8	0	21
10:00 - 10:15 a.m.	10	5	1	16
10:15 - 10:30 a.m.	13	0	1	14
10:30 - 10:45 a.m.	9	2	2	13

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	8	3	2	13
11:00 - 11:15 a.m.	5	5	2	12
11:15 - 11:30 a.m.	4	2	0	6
11:30 - 11:45 a.m.	7	1	1	9
11:45 - 12:00 p.m.	11	2	1	14
12:00 - 12:15 p.m.	33	2	0	35
12:15 - 12:30 p.m.	11	1	2	14
12:30 - 12:45 p.m.	20	1	0	21
12:45 - 1:00 p.m.	15	1	1	17
1:00 - 1:15 p.m.	6	1	1	8
1:15 - 1:30 p.m.	18	1	3	22
1:30 - 1:45 p.m.	11	6	1	18
1:45 - 2:00 p.m.	4	2	1	7
2:00 - 2:15 p.m.	6	7	2	15
2:15 - 2:30 p.m.	117	4	1	122
2:30 - 2:45 p.m.	6	6	2	14
2:45 - 3:00 p.m.	5	4	3	12
3:00 - 3:15 p.m.	9	3	1	13
3:15 - 3:30 p.m.	8	3	2	13
3:30 - 3:45 p.m.	7	2	0	9
3:45 - 4:00 p.m.	10	1	0	11
4:00 - 4:15 p.m.	10	0	0	10
4:15 - 4:30 p.m.	17	3	1	21
4:30 - 4:45 p.m.	15	1	1	17
4:45 - 5:00 p.m.	18	1	1	20
5:00 - 5:15 p.m.	20	0	0	20
5:15 - 5:30 p.m.	13	2	0	15
5:30 - 5:45 p.m.	6	0	1	7
5:45 - 6:00 p.m.	23	1	0	24
6:00 - 6:15 p.m.	40	1	1	42
6:15 - 6:30 p.m.	32	1	1	34
6:30 - 6:45 p.m.	25	1	0	26
6:45 - 7:00 p.m.	15	0	1	16
7:00 - 7:15 p.m.	22	0	0	22
7:15 - 7:30 p.m.	33	4	2	39
7:30 - 7:45 p.m.	13	0	1	14
7:45 - 8:00 p.m.	19	3	0	22
8:00 - 8:15 p.m.	18	2	1	21
8:15 - 8:30 p.m.	8	3	0	11
8:30 - 8:45 p.m.	12	0	0	12
8:45 - 9:00 p.m.	5	7	0	12
9:00 - 9:15 p.m.	12	3	0	15
9:15 - 9:30 p.m.	5	0	0	5

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	12	0	0	12
9:45 - 10:00 p.m.	6	0	0	6
10:00 - 10:15 p.m.	4	0	0	4
10:15 - 10:30 p.m.	3	7	0	10
10:30 - 10:45 p.m.	1	0	0	1
10:45 - 11:00 p.m.	2	0	0	2
11:00 - 11:15 p.m.	0	0	0	0
11:15 - 11:30 p.m.	2	0	0	2
11:30 - 11:45 p.m.	1	0	0	1
11:45 - 12:00 a.m.	0	0	0	0
Total	920	132	54	1106

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	169	1	0	170
12:15 - 12:30 a.m.	106	1	0	107
12:30 - 12:45 a.m.	110	3	0	113
12:45 - 1:00 a.m.	99	1	0	100
1:00 - 1:15 a.m.	75	5	0	80
1:15 - 1:30 a.m.	58	1	0	59
1:30 - 1:45 a.m.	72	1	0	73
1:45 - 2:00 a.m.	67	2	0	69
2:00 - 2:15 a.m.	67	0	1	68
2:15 - 2:30 a.m.	72	3	0	75
2:30 - 2:45 a.m.	42	0	0	42
2:45 - 3:00 a.m.	51	1	0	52
3:00 - 3:15 a.m.	45	2	0	47
3:15 - 3:30 a.m.	50	2	0	52
3:30 - 3:45 a.m.	39	0	0	39
3:45 - 4:00 a.m.	54	1	0	55
4:00 - 4:15 a.m.	36	4	0	40
4:15 - 4:30 a.m.	58	4	0	62
4:30 - 4:45 a.m.	50	5	0	55
4:45 - 5:00 a.m.	57	7	0	64
5:00 - 5:15 a.m.	52	4	0	56
5:15 - 5:30 a.m.	67	10	0	77
5:30 - 5:45 a.m.	71	12	0	83
5:45 - 6:00 a.m.	93	21	0	114
6:00 - 6:15 a.m.	88	19	0	107
6:15 - 6:30 a.m.	110	36	0	146
6:30 - 6:45 a.m.	136	31	0	167
6:45 - 7:00 a.m.	237	35	0	272
7:00 - 7:15 a.m.	204	44	0	248
7:15 - 7:30 a.m.	234	37	0	271
7:30 - 7:45 a.m.	244	37	0	281
7:45 - 8:00 a.m.	304	31	0	335
8:00 - 8:15 a.m.	233	23	0	256
8:15 - 8:30 a.m.	276	28	0	304
8:30 - 8:45 a.m.	294	34	0	328
8:45 - 9:00 a.m.	391	37	0	428
9:00 - 9:15 a.m.	305	43	0	348
9:15 - 9:30 a.m.	314	44	0	358
9:30 - 9:45 a.m.	323	37	0	360
9:45 - 10:00 a.m.	363	38	0	401
10:00 - 10:15 a.m.	307	47	0	354
10:15 - 10:30 a.m.	347	39	0	386
10:30 - 10:45 a.m.	335	36	0	371

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	277	42	0	319
11:00 - 11:15 a.m.	365	41	0	406
11:15 - 11:30 a.m.	324	44	0	368
11:30 - 11:45 a.m.	360	34	0	394
11:45 - 12:00 p.m.	264	37	0	301
12:00 - 12:15 p.m.	215	10	0	225
12:15 - 12:30 p.m.	167	11	1	179
12:30 - 12:45 p.m.	283	12	0	295
12:45 - 1:00 p.m.	302	8	0	310
1:00 - 1:15 p.m.	228	12	1	241
1:15 - 1:30 p.m.	330	14	0	344
1:30 - 1:45 p.m.	329	16	2	347
1:45 - 2:00 p.m.	379	18	0	397
2:00 - 2:15 p.m.	375	20	1	396
2:15 - 2:30 p.m.	298	18	3	319
2:30 - 2:45 p.m.	372	21	0	393
2:45 - 3:00 p.m.	409	16	0	425
3:00 - 3:15 p.m.	425	23	0	448
3:15 - 3:30 p.m.	403	17	0	420
3:30 - 3:45 p.m.	327	14	0	341
3:45 - 4:00 p.m.	453	13	1	467
4:00 - 4:15 p.m.	483	16	0	499
4:15 - 4:30 p.m.	468	19	2	489
4:30 - 4:45 p.m.	498	17	2	517
4:45 - 5:00 p.m.	503	19	1	523
5:00 - 5:15 p.m.	519	12	1	532
5:15 - 5:30 p.m.	487	12	0	499
5:30 - 5:45 p.m.	502	11	1	514
5:45 - 6:00 p.m.	497	14	0	511
6:00 - 6:15 p.m.	354	0	2	356
6:15 - 6:30 p.m.	370	21	0	391
6:30 - 6:45 p.m.	343	31	0	374
6:45 - 7:00 p.m.	271	24	0	295
7:00 - 7:15 p.m.	231	19	0	250
7:15 - 7:30 p.m.	314	18	0	332
7:30 - 7:45 p.m.	343	17	0	360
7:45 - 8:00 p.m.	307	16	0	323
8:00 - 8:15 p.m.	304	30	0	334
8:15 - 8:30 p.m.	332	12	0	344
8:30 - 8:45 p.m.	272	12	0	284
8:45 - 9:00 p.m.	298	17	0	315
9:00 - 9:15 p.m.	273	8	0	281
9:15 - 9:30 p.m.	300	10	0	310

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	305	6	0	311
9:45 - 10:00 p.m.	306	7	0	313
10:00 - 10:15 p.m.	258	11	0	269
10:15 - 10:30 p.m.	307	10	0	317
10:30 - 10:45 p.m.	281	17	0	298
10:45 - 11:00 p.m.	252	11	0	263
11:00 - 11:15 p.m.	237	4	0	241
11:15 - 11:30 p.m.	190	7	0	197
11:30 - 11:45 p.m.	203	4	0	207
11:45 - 12:00 a.m.	161	4	0	165
Total	24359	1644	19	26022



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	12	2	0	14
12:15 - 12:30 a.m.	6	0	0	6
12:30 - 12:45 a.m.	8	1	0	9
12:45 - 1:00 a.m.	7	0	0	7
1:00 - 1:15 a.m.	4	0	0	4
1:15 - 1:30 a.m.	7	0	0	7
1:30 - 1:45 a.m.	5	0	0	5
1:45 - 2:00 a.m.	6	0	0	6
2:00 - 2:15 a.m.	5	0	0	5
2:15 - 2:30 a.m.	12	0	0	12
2:30 - 2:45 a.m.	5	0	0	5
2:45 - 3:00 a.m.	3	0	0	3
3:00 - 3:15 a.m.	4	0	0	4
3:15 - 3:30 a.m.	3	0	0	3
3:30 - 3:45 a.m.	6	0	0	6
3:45 - 4:00 a.m.	3	0	0	3
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	3	0	0	3
4:45 - 5:00 a.m.	4	0	0	4
5:00 - 5:15 a.m.	4	0	0	4
5:15 - 5:30 a.m.	4	0	0	4
5:30 - 5:45 a.m.	3	0	0	3
5:45 - 6:00 a.m.	5	0	0	5
6:00 - 6:15 a.m.	10	0	0	10
6:15 - 6:30 a.m.	8	0	1	9
6:30 - 6:45 a.m.	17	0	0	17
6:45 - 7:00 a.m.	29	0	0	29
7:00 - 7:15 a.m.	22	0	0	22
7:15 - 7:30 a.m.	25	1	0	26
7:30 - 7:45 a.m.	20	0	0	20
7:45 - 8:00 a.m.	27	0	0	27
8:00 - 8:15 a.m.	15	0	0	15
8:15 - 8:30 a.m.	22	0	0	22
8:30 - 8:45 a.m.	41	1	0	42
8:45 - 9:00 a.m.	18	0	0	18
9:00 - 9:15 a.m.	12	1	0	13
9:15 - 9:30 a.m.	13	0	0	13
9:30 - 9:45 a.m.	16	1	0	17
9:45 - 10:00 a.m.	19	0	0	19
10:00 - 10:15 a.m.	30	0	0	30
10:15 - 10:30 a.m.	33	0	0	33
10:30 - 10:45 a.m.	26	0	0	26

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	24	1	0	25
11:00 - 11:15 a.m.	31	2	0	33
11:15 - 11:30 a.m.	27	1	0	28
11:30 - 11:45 a.m.	26	1	0	27
11:45 - 12:00 p.m.	24	1	0	25
12:00 - 12:15 p.m.	13	2	0	15
12:15 - 12:30 p.m.	39	0	0	39
12:30 - 12:45 p.m.	42	2	0	44
12:45 - 1:00 p.m.	41	3	0	44
1:00 - 1:15 p.m.	52	2	0	54
1:15 - 1:30 p.m.	46	0	0	46
1:30 - 1:45 p.m.	44	1	0	45
1:45 - 2:00 p.m.	51	1	0	52
2:00 - 2:15 p.m.	61	4	0	65
2:15 - 2:30 p.m.	36	1	0	37
2:30 - 2:45 p.m.	43	1	0	44
2:45 - 3:00 p.m.	39	1	0	40
3:00 - 3:15 p.m.	43	1	0	44
3:15 - 3:30 p.m.	47	2	0	49
3:30 - 3:45 p.m.	39	0	0	39
3:45 - 4:00 p.m.	38	0	0	38
4:00 - 4:15 p.m.	46	3	0	49
4:15 - 4:30 p.m.	36	0	0	36
4:30 - 4:45 p.m.	26	0	0	26
4:45 - 5:00 p.m.	26	2	0	28
5:00 - 5:15 p.m.	31	2	0	33
5:15 - 5:30 p.m.	27	1	0	28
5:30 - 5:45 p.m.	29	0	0	29
5:45 - 6:00 p.m.	29	0	0	29
6:00 - 6:15 p.m.	15	0	0	15
6:15 - 6:30 p.m.	14	1	0	15
6:30 - 6:45 p.m.	29	0	0	29
6:45 - 7:00 p.m.	35	1	0	36
7:00 - 7:15 p.m.	21	2	0	23
7:15 - 7:30 p.m.	37	0	0	37
7:30 - 7:45 p.m.	28	4	0	32
7:45 - 8:00 p.m.	31	0	0	31
8:00 - 8:15 p.m.	21	0	0	21
8:15 - 8:30 p.m.	22	0	0	22
8:30 - 8:45 p.m.	35	0	0	35
8:45 - 9:00 p.m.	13	0	0	13
9:00 - 9:15 p.m.	20	0	0	20
9:15 - 9:30 p.m.	20	0	0	20

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	21	0	0	21
9:45 - 10:00 p.m.	17	0	0	17
10:00 - 10:15 p.m.	26	0	0	26
10:15 - 10:30 p.m.	18	0	0	18
10:30 - 10:45 p.m.	16	0	0	16
10:45 - 11:00 p.m.	18	1	0	19
11:00 - 11:15 p.m.	12	0	0	12
11:15 - 11:30 p.m.	14	0	0	14
11:30 - 11:45 p.m.	18	0	0	18
11:45 - 12:00 a.m.	11	0	0	11
Total	2091	51	1	2143

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	13	0	0	13
12:15 - 12:30 a.m.	8	0	0	8
12:30 - 12:45 a.m.	7	0	0	7
12:45 - 1:00 a.m.	5	0	0	5
1:00 - 1:15 a.m.	2	0	0	2
1:15 - 1:30 a.m.	3	0	0	3
1:30 - 1:45 a.m.	6	0	0	6
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	5	0	0	5
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	3	0	0	3
3:00 - 3:15 a.m.	1	0	0	1
3:15 - 3:30 a.m.	1	0	0	1
3:30 - 3:45 a.m.	4	0	0	4
3:45 - 4:00 a.m.	3	0	0	3
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	2	0	0	2
4:30 - 4:45 a.m.	4	1	0	5
4:45 - 5:00 a.m.	1	0	0	1
5:00 - 5:15 a.m.	2	0	0	2
5:15 - 5:30 a.m.	4	0	0	4
5:30 - 5:45 a.m.	7	0	0	7
5:45 - 6:00 a.m.	6	0	0	6
6:00 - 6:15 a.m.	8	0	0	8
6:15 - 6:30 a.m.	7	0	0	7
6:30 - 6:45 a.m.	18	0	0	18
6:45 - 7:00 a.m.	21	0	0	21
7:00 - 7:15 a.m.	19	0	0	19
7:15 - 7:30 a.m.	26	0	0	26
7:30 - 7:45 a.m.	41	1	0	42
7:45 - 8:00 a.m.	45	0	0	45
8:00 - 8:15 a.m.	35	1	0	36
8:15 - 8:30 a.m.	37	0	0	37
8:30 - 8:45 a.m.	35	0	0	35
8:45 - 9:00 a.m.	39	0	0	39
9:00 - 9:15 a.m.	38	0	0	38
9:15 - 9:30 a.m.	43	0	0	43
9:30 - 9:45 a.m.	41	0	0	41
9:45 - 10:00 a.m.	36	0	0	36
10:00 - 10:15 a.m.	45	0	0	45
10:15 - 10:30 a.m.	41	2	0	43
10:30 - 10:45 a.m.	58	1	0	59

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	37	0	0	37
11:00 - 11:15 a.m.	43	1	0	44
11:15 - 11:30 a.m.	42	0	0	42
11:30 - 11:45 a.m.	38	0	0	38
11:45 - 12:00 p.m.	33	0	0	33
12:00 - 12:15 p.m.	33	0	0	33
12:15 - 12:30 p.m.	0	0	0	0
12:30 - 12:45 p.m.	23	0	0	23
12:45 - 1:00 p.m.	25	3	0	28
1:00 - 1:15 p.m.	31	1	0	32
1:15 - 1:30 p.m.	42	2	0	44
1:30 - 1:45 p.m.	35	2	0	37
1:45 - 2:00 p.m.	25	0	0	25
2:00 - 2:15 p.m.	23	1	0	24
2:15 - 2:30 p.m.	17	2	0	19
2:30 - 2:45 p.m.	35	2	0	37
2:45 - 3:00 p.m.	19	0	0	19
3:00 - 3:15 p.m.	15	1	0	16
3:15 - 3:30 p.m.	22	1	0	23
3:30 - 3:45 p.m.	24	0	0	24
3:45 - 4:00 p.m.	26	2	0	28
4:00 - 4:15 p.m.	28	0	0	28
4:15 - 4:30 p.m.	30	0	0	30
4:30 - 4:45 p.m.	23	0	0	23
4:45 - 5:00 p.m.	28	0	0	28
5:00 - 5:15 p.m.	20	0	0	20
5:15 - 5:30 p.m.	28	0	0	28
5:30 - 5:45 p.m.	36	0	0	36
5:45 - 6:00 p.m.	24	0	0	24
6:00 - 6:15 p.m.	23	1	0	24
6:15 - 6:30 p.m.	21	0	0	21
6:30 - 6:45 p.m.	22	0	0	22
6:45 - 7:00 p.m.	22	1	0	23
7:00 - 7:15 p.m.	23	1	0	24
7:15 - 7:30 p.m.	26	1	2	29
7:30 - 7:45 p.m.	18	1	0	19
7:45 - 8:00 p.m.	28	1	0	29
8:00 - 8:15 p.m.	14	0	0	14
8:15 - 8:30 p.m.	25	0	0	25
8:30 - 8:45 p.m.	12	1	1	14
8:45 - 9:00 p.m.	23	1	0	24
9:00 - 9:15 p.m.	12	2	0	14
9:15 - 9:30 p.m.	28	0	0	28

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	24	0	0	24
9:45 - 10:00 p.m.	16	1	0	17
10:00 - 10:15 p.m.	16	0	0	16
10:15 - 10:30 p.m.	19	0	0	19
10:30 - 10:45 p.m.	16	0	0	16
10:45 - 11:00 p.m.	7	0	0	7
11:00 - 11:15 p.m.	18	0	0	18
11:15 - 11:30 p.m.	4	1	0	5
11:30 - 11:45 p.m.	11	1	0	12
11:45 - 12:00 a.m.	6	0	0	6
Total	346	11	3	360

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	0	2	2
12:15 - 12:30 a.m.	0	0	5	5
12:30 - 12:45 a.m.	5	0	2	7
12:45 - 1:00 a.m.	0	0	1	1
1:00 - 1:15 a.m.	0	0	1	1
1:15 - 1:30 a.m.	0	0	0	0
1:30 - 1:45 a.m.	0	0	1	1
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	2	0	0	2
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	1	0	0	1
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	0	0	0	0
4:15 - 4:30 a.m.	1	0	0	1
4:30 - 4:45 a.m.	1	0	0	1
4:45 - 5:00 a.m.	1	0	0	1
5:00 - 5:15 a.m.	4	0	1	5
5:15 - 5:30 a.m.	3	0	0	3
5:30 - 5:45 a.m.	5	0	0	5
5:45 - 6:00 a.m.	2	0	0	2
6:00 - 6:15 a.m.	7	1	1	9
6:15 - 6:30 a.m.	10	2	0	12
6:30 - 6:45 a.m.	13	0	0	13
6:45 - 7:00 a.m.	28	1	0	29
7:00 - 7:15 a.m.	38	0	1	39
7:15 - 7:30 a.m.	45	0	0	45
7:30 - 7:45 a.m.	21	0	0	21
7:45 - 8:00 a.m.	37	0	0	37
8:00 - 8:15 a.m.	28	2	0	30
8:15 - 8:30 a.m.	17	1	1	19
8:30 - 8:45 a.m.	28	0	0	28
8:45 - 9:00 a.m.	32	1	0	33
9:00 - 9:15 a.m.	30	1	0	31
9:15 - 9:30 a.m.	9	0	0	9
9:30 - 9:45 a.m.	12	1	0	13
9:45 - 10:00 a.m.	27	4	0	31
10:00 - 10:15 a.m.	53	3	3	59
10:15 - 10:30 a.m.	12	6	1	19
10:30 - 10:45 a.m.	15	3	2	20

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	27	0	1	28
11:00 - 11:15 a.m.	24	1	1	26
11:15 - 11:30 a.m.	16	0	0	16
11:30 - 11:45 a.m.	22	1	1	24
11:45 - 12:00 p.m.	20	1	1	22
12:00 - 12:15 p.m.	15	2	0	17
12:15 - 12:30 p.m.	21	3	1	25
12:30 - 12:45 p.m.	32	3	2	37
12:45 - 1:00 p.m.	19	1	0	20
1:00 - 1:15 p.m.	16	5	0	21
1:15 - 1:30 p.m.	17	3	1	21
1:30 - 1:45 p.m.	27	2	0	29
1:45 - 2:00 p.m.	27	3	1	31
2:00 - 2:15 p.m.	25	3	1	29
2:15 - 2:30 p.m.	31	3	0	34
2:30 - 2:45 p.m.	34	2	0	36
2:45 - 3:00 p.m.	30	2	2	34
3:00 - 3:15 p.m.	27	2	1	30
3:15 - 3:30 p.m.	26	0	1	27
3:30 - 3:45 p.m.	33	2	3	38
3:45 - 4:00 p.m.	24	1	2	27
4:00 - 4:15 p.m.	34	0	0	34
4:15 - 4:30 p.m.	33	0	0	33
4:30 - 4:45 p.m.	29	0	1	30
4:45 - 5:00 p.m.	53	1	0	54
5:00 - 5:15 p.m.	41	2	3	46
5:15 - 5:30 p.m.	46	2	1	49
5:30 - 5:45 p.m.	51	1	2	54
5:45 - 6:00 p.m.	64	4	1	69
6:00 - 6:15 p.m.	49	0	1	50
6:15 - 6:30 p.m.	48	0	1	49
6:30 - 6:45 p.m.	62	2	0	64
6:45 - 7:00 p.m.	64	2	2	68
7:00 - 7:15 p.m.	52	0	1	53
7:15 - 7:30 p.m.	41	3	1	45
7:30 - 7:45 p.m.	53	1	1	55
7:45 - 8:00 p.m.	38	1	0	39
8:00 - 8:15 p.m.	35	2	0	37
8:15 - 8:30 p.m.	19	3	4	26
8:30 - 8:45 p.m.	14	1	1	16
8:45 - 9:00 p.m.	10	1	0	11
9:00 - 9:15 p.m.	19	1	1	21
9:15 - 9:30 p.m.	10	0	0	10



SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	8	0	1	9
9:45 - 10:00 p.m.	14	1	1	16
10:00 - 10:15 p.m.	8	0	0	8
10:15 - 10:30 p.m.	5	0	4	9
10:30 - 10:45 p.m.	4	0	1	5
10:45 - 11:00 p.m.	3	0	0	3
11:00 - 11:15 p.m.	4	1	0	5
11:15 - 11:30 p.m.	3	0	1	4
11:30 - 11:45 p.m.	3	0	2	5
11:45 - 12:00 a.m.	1	0	0	1
Total	1918	95	72	2085

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	19	0	0	19
12:15 - 12:30 a.m.	14	0	0	14
12:30 - 12:45 a.m.	13	0	0	13
12:45 - 1:00 a.m.	9	0	0	9
1:00 - 1:15 a.m.	10	0	0	10
1:15 - 1:30 a.m.	8	0	0	8
1:30 - 1:45 a.m.	5	0	0	5
1:45 - 2:00 a.m.	13	1	0	14
2:00 - 2:15 a.m.	6	0	0	6
2:15 - 2:30 a.m.	10	0	0	10
2:30 - 2:45 a.m.	5	0	0	5
2:45 - 3:00 a.m.	7	0	0	7
3:00 - 3:15 a.m.	6	0	0	6
3:15 - 3:30 a.m.	5	0	0	5
3:30 - 3:45 a.m.	6	0	0	6
3:45 - 4:00 a.m.	8	0	0	8
4:00 - 4:15 a.m.	6	0	0	6
4:15 - 4:30 a.m.	3	0	0	3
4:30 - 4:45 a.m.	11	0	0	11
4:45 - 5:00 a.m.	6	0	0	6
5:00 - 5:15 a.m.	6	1	0	7
5:15 - 5:30 a.m.	7	1	0	8
5:30 - 5:45 a.m.	11	1	0	12
5:45 - 6:00 a.m.	11	0	0	11
6:00 - 6:15 a.m.	10	0	0	10
6:15 - 6:30 a.m.	12	2	0	14
6:30 - 6:45 a.m.	12	1	0	13
6:45 - 7:00 a.m.	24	1	0	25
7:00 - 7:15 a.m.	28	0	0	28
7:15 - 7:30 a.m.	26	0	0	26
7:30 - 7:45 a.m.	21	2	0	23
7:45 - 8:00 a.m.	29	1	0	30
8:00 - 8:15 a.m.	30	2	0	32
8:15 - 8:30 a.m.	27	3	0	30
8:30 - 8:45 a.m.	25	2	0	27
8:45 - 9:00 a.m.	28	0	0	28
9:00 - 9:15 a.m.	32	1	0	33
9:15 - 9:30 a.m.	27	4	0	31
9:30 - 9:45 a.m.	34	4	0	38
9:45 - 10:00 a.m.	34	2	0	36
10:00 - 10:15 a.m.	34	4	0	38
10:15 - 10:30 a.m.	28	3	0	31
10:30 - 10:45 a.m.	36	3	0	39

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	23	1	0	24
11:00 - 11:15 a.m.	25	2	0	27
11:15 - 11:30 a.m.	36	3	0	39
11:30 - 11:45 a.m.	22	1	0	23
11:45 - 12:00 p.m.	43	4	0	47
12:00 - 12:15 p.m.	54	1	0	55
12:15 - 12:30 p.m.	68	1	0	69
12:30 - 12:45 p.m.	67	4	0	71
12:45 - 1:00 p.m.	54	1	0	55
1:00 - 1:15 p.m.	66	0	0	66
1:15 - 1:30 p.m.	71	2	0	73
1:30 - 1:45 p.m.	66	2	0	68
1:45 - 2:00 p.m.	52	5	0	57
2:00 - 2:15 p.m.	62	5	0	67
2:15 - 2:30 p.m.	66	3	0	69
2:30 - 2:45 p.m.	59	2	0	61
2:45 - 3:00 p.m.	55	2	0	57
3:00 - 3:15 p.m.	71	1	0	72
3:15 - 3:30 p.m.	59	1	0	60
3:30 - 3:45 p.m.	66	3	0	69
3:45 - 4:00 p.m.	57	1	0	58
4:00 - 4:15 p.m.	72	6	0	78
4:15 - 4:30 p.m.	58	0	0	58
4:30 - 4:45 p.m.	69	1	0	70
4:45 - 5:00 p.m.	56	1	0	57
5:00 - 5:15 p.m.	74	2	0	76
5:15 - 5:30 p.m.	71	1	0	72
5:30 - 5:45 p.m.	81	0	0	81
5:45 - 6:00 p.m.	93	1	0	94
6:00 - 6:15 p.m.	98	0	0	98
6:15 - 6:30 p.m.	103	2	0	105
6:30 - 6:45 p.m.	114	2	0	116
6:45 - 7:00 p.m.	69	1	0	70
7:00 - 7:15 p.m.	79	0	0	79
7:15 - 7:30 p.m.	59	3	0	62
7:30 - 7:45 p.m.	77	0	0	77
7:45 - 8:00 p.m.	75	1	0	76
8:00 - 8:15 p.m.	73	0	0	73
8:15 - 8:30 p.m.	54	1	0	55
8:30 - 8:45 p.m.	68	0	0	68
8:45 - 9:00 p.m.	69	0	0	69
9:00 - 9:15 p.m.	74	1	0	75
9:15 - 9:30 p.m.	65	1	1	67

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	43	0	0	43
9:45 - 10:00 p.m.	33	0	0	33
10:00 - 10:15 p.m.	61	1	0	62
10:15 - 10:30 p.m.	34	0	0	34
10:30 - 10:45 p.m.	49	0	0	49
10:45 - 11:00 p.m.	33	0	0	33
11:00 - 11:15 p.m.	24	0	0	24
11:15 - 11:30 p.m.	15	0	0	15
11:30 - 11:45 p.m.	42	0	0	42
11:45 - 12:00 a.m.	27	0	0	27
Total	3856	109	1	3966

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	136	5	0	141
12:15 - 12:30 a.m.	101	0	0	101
12:30 - 12:45 a.m.	88	1	0	89
12:45 - 1:00 a.m.	61	3	0	64
1:00 - 1:15 a.m.	66	3	0	69
1:15 - 1:30 a.m.	67	3	0	70
1:30 - 1:45 a.m.	68	4	0	72
1:45 - 2:00 a.m.	35	3	0	38
2:00 - 2:15 a.m.	61	1	0	62
2:15 - 2:30 a.m.	70	4	0	74
2:30 - 2:45 a.m.	38	2	0	40
2:45 - 3:00 a.m.	49	4	0	53
3:00 - 3:15 a.m.	51	1	0	52
3:15 - 3:30 a.m.	49	8	0	57
3:30 - 3:45 a.m.	39	3	0	42
3:45 - 4:00 a.m.	54	3	0	57
4:00 - 4:15 a.m.	62	6	0	68
4:15 - 4:30 a.m.	78	9	0	87
4:30 - 4:45 a.m.	72	12	0	84
4:45 - 5:00 a.m.	117	11	0	128
5:00 - 5:15 a.m.	143	23	0	166
5:15 - 5:30 a.m.	186	22	0	208
5:30 - 5:45 a.m.	244	39	0	283
5:45 - 6:00 a.m.	363	34	0	397
6:00 - 6:15 a.m.	351	26	0	377
6:15 - 6:30 a.m.	216	40	0	256
6:30 - 6:45 a.m.	373	49	0	422
6:45 - 7:00 a.m.	341	37	0	378
7:00 - 7:15 a.m.	490	26	0	516
7:15 - 7:30 a.m.	359	39	0	398
7:30 - 7:45 a.m.	558	35	0	593
7:45 - 8:00 a.m.	409	32	0	441
8:00 - 8:15 a.m.	539	29	0	568
8:15 - 8:30 a.m.	481	50	0	531
8:30 - 8:45 a.m.	387	45	0	432
8:45 - 9:00 a.m.	474	46	0	520
9:00 - 9:15 a.m.	179	35	0	214
9:15 - 9:30 a.m.	448	42	0	490
9:30 - 9:45 a.m.	361	30	0	391
9:45 - 10:00 a.m.	434	21	0	455
10:00 - 10:15 a.m.	722	44	0	766
10:15 - 10:30 a.m.	472	33	0	505
10:30 - 10:45 a.m.	356	45	1	402

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	429	26	0	455
11:00 - 11:15 a.m.	400	44	0	444
11:15 - 11:30 a.m.	330	40	1	371
11:30 - 11:45 a.m.	394	44	0	438
11:45 - 12:00 p.m.	387	28	0	415
12:00 - 12:15 p.m.	212	21	0	233
12:15 - 12:30 p.m.	288	77	0	365
12:30 - 12:45 p.m.	289	31	0	320
12:45 - 1:00 p.m.	337	33	0	370
1:00 - 1:15 p.m.	315	36	0	351
1:15 - 1:30 p.m.	285	37	0	322
1:30 - 1:45 p.m.	342	35	0	377
1:45 - 2:00 p.m.	373	29	0	402
2:00 - 2:15 p.m.	280	34	0	314
2:15 - 2:30 p.m.	348	32	0	380
2:30 - 2:45 p.m.	341	42	0	383
2:45 - 3:00 p.m.	368	31	0	399
3:00 - 3:15 p.m.	324	25	0	349
3:15 - 3:30 p.m.	344	27	0	371
3:30 - 3:45 p.m.	285	27	0	312
3:45 - 4:00 p.m.	310	27	0	337
4:00 - 4:15 p.m.	260	30	0	290
4:15 - 4:30 p.m.	296	25	0	321
4:30 - 4:45 p.m.	239	28	0	267
4:45 - 5:00 p.m.	324	27	0	351
5:00 - 5:15 p.m.	424	28	0	452
5:15 - 5:30 p.m.	374	24	0	398
5:30 - 5:45 p.m.	388	22	0	410
5:45 - 6:00 p.m.	322	0	0	322
6:00 - 6:15 p.m.	114	16	2	132
6:15 - 6:30 p.m.	125	33	0	158
6:30 - 6:45 p.m.	95	30	0	125
6:45 - 7:00 p.m.	170	20	0	190
7:00 - 7:15 p.m.	207	18	0	225
7:15 - 7:30 p.m.	145	17	0	162
7:30 - 7:45 p.m.	181	27	0	208
7:45 - 8:00 p.m.	123	18	0	141
8:00 - 8:15 p.m.	92	11	0	103
8:15 - 8:30 p.m.	74	17	0	91
8:30 - 8:45 p.m.	54	9	0	63
8:45 - 9:00 p.m.	62	18	0	80
9:00 - 9:15 p.m.	94	18	0	112
9:15 - 9:30 p.m.	81	15	0	96

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	65	11	0	76
9:45 - 10:00 p.m.	74	12	0	86
10:00 - 10:15 p.m.	82	10	0	92
10:15 - 10:30 p.m.	78	10	0	88
10:30 - 10:45 p.m.	54	9	0	63
10:45 - 11:00 p.m.	77	6	0	83
11:00 - 11:15 p.m.	75	6	0	81
11:15 - 11:30 p.m.	63	3	0	66
11:30 - 11:45 p.m.	73	3	0	76
11:45 - 12:00 a.m.	44	4	0	48
Total	22158	2159	4	24321

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	136	5	0	141
12:15 - 12:30 a.m.	101	0	0	101
12:30 - 12:45 a.m.	88	1	0	89
12:45 - 1:00 a.m.	61	3	0	64
1:00 - 1:15 a.m.	66	3	0	69
1:15 - 1:30 a.m.	67	3	0	70
1:30 - 1:45 a.m.	68	4	0	72
1:45 - 2:00 a.m.	35	3	0	38
2:00 - 2:15 a.m.	61	1	0	62
2:15 - 2:30 a.m.	70	4	0	74
2:30 - 2:45 a.m.	38	2	0	40
2:45 - 3:00 a.m.	49	4	0	53
3:00 - 3:15 a.m.	51	1	0	52
3:15 - 3:30 a.m.	49	8	0	57
3:30 - 3:45 a.m.	39	3	0	42
3:45 - 4:00 a.m.	54	3	0	57
4:00 - 4:15 a.m.	62	6	0	68
4:15 - 4:30 a.m.	78	9	0	87
4:30 - 4:45 a.m.	72	12	0	84
4:45 - 5:00 a.m.	117	11	0	128
5:00 - 5:15 a.m.	143	23	0	166
5:15 - 5:30 a.m.	186	22	0	208
5:30 - 5:45 a.m.	244	39	0	283
5:45 - 6:00 a.m.	363	34	0	397
6:00 - 6:15 a.m.	351	26	0	377
6:15 - 6:30 a.m.	216	40	0	256
6:30 - 6:45 a.m.	373	49	0	422
6:45 - 7:00 a.m.	341	37	0	378
7:00 - 7:15 a.m.	490	26	0	516
7:15 - 7:30 a.m.	359	39	0	398
7:30 - 7:45 a.m.	558	35	0	593
7:45 - 8:00 a.m.	409	32	0	441
8:00 - 8:15 a.m.	539	29	0	568
8:15 - 8:30 a.m.	481	50	0	531
8:30 - 8:45 a.m.	387	45	0	432
8:45 - 9:00 a.m.	474	46	0	520
9:00 - 9:15 a.m.	179	35	0	214
9:15 - 9:30 a.m.	448	42	0	490
9:30 - 9:45 a.m.	361	30	0	391
9:45 - 10:00 a.m.	434	21	0	455
10:00 - 10:15 a.m.	722	44	0	766
10:15 - 10:30 a.m.	472	33	0	505
10:30 - 10:45 a.m.	356	45	1	402



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	429	26	0	455
11:00 - 11:15 a.m.	400	44	0	444
11:15 - 11:30 a.m.	330	40	1	371
11:30 - 11:45 a.m.	394	44	0	438
11:45 - 12:00 p.m.	387	28	0	415
12:00 - 12:15 p.m.	212	21	0	233
12:15 - 12:30 p.m.	288	77	0	365
12:30 - 12:45 p.m.	289	31	0	320
12:45 - 1:00 p.m.	337	33	0	370
1:00 - 1:15 p.m.	315	36	0	351
1:15 - 1:30 p.m.	285	37	0	322
1:30 - 1:45 p.m.	342	35	0	377
1:45 - 2:00 p.m.	373	29	0	402
2:00 - 2:15 p.m.	280	34	0	314
2:15 - 2:30 p.m.	348	32	0	380
2:30 - 2:45 p.m.	341	42	0	383
2:45 - 3:00 p.m.	368	31	0	399
3:00 - 3:15 p.m.	324	25	0	349
3:15 - 3:30 p.m.	344	27	0	371
3:30 - 3:45 p.m.	285	27	0	312
3:45 - 4:00 p.m.	310	27	0	337
4:00 - 4:15 p.m.	260	30	0	290
4:15 - 4:30 p.m.	296	25	0	321
4:30 - 4:45 p.m.	239	28	0	267
4:45 - 5:00 p.m.	324	27	0	351
5:00 - 5:15 p.m.	424	28	0	452
5:15 - 5:30 p.m.	374	24	0	398
5:30 - 5:45 p.m.	388	22	0	410
5:45 - 6:00 p.m.	322	0	0	322
6:00 - 6:15 p.m.	114	16	2	132
6:15 - 6:30 p.m.	125	33	0	158
6:30 - 6:45 p.m.	95	30	0	125
6:45 - 7:00 p.m.	170	20	0	190
7:00 - 7:15 p.m.	207	18	0	225
7:15 - 7:30 p.m.	145	17	0	162
7:30 - 7:45 p.m.	181	27	0	208
7:45 - 8:00 p.m.	123	18	0	141
8:00 - 8:15 p.m.	92	11	0	103
8:15 - 8:30 p.m.	74	17	0	91
8:30 - 8:45 p.m.	54	9	0	63
8:45 - 9:00 p.m.	62	18	0	80
9:00 - 9:15 p.m.	94	18	0	112
9:15 - 9:30 p.m.	81	15	0	96

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	65	11	0	76
9:45 - 10:00 p.m.	74	12	0	86
10:00 - 10:15 p.m.	82	10	0	92
10:15 - 10:30 p.m.	78	10	0	88
10:30 - 10:45 p.m.	54	9	0	63
10:45 - 11:00 p.m.	77	6	0	83
11:00 - 11:15 p.m.	75	6	0	81
11:15 - 11:30 p.m.	63	3	0	66
11:30 - 11:45 p.m.	73	3	0	76
11:45 - 12:00 a.m.	44	4	0	48
Total	22158	2159	4	24321

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	0	1	1
12:15 - 12:30 a.m.	0	0	0	0
12:30 - 12:45 a.m.	4	0	2	6
12:45 - 1:00 a.m.	2	0	0	2
1:00 - 1:15 a.m.	1	0	2	3
1:15 - 1:30 a.m.	1	0	1	2
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	0	1	0	1
2:15 - 2:30 a.m.	4	0	1	5
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	2	0	0	2
4:00 - 4:15 a.m.	1	1	0	2
4:15 - 4:30 a.m.	3	0	0	3
4:30 - 4:45 a.m.	8	2	0	10
4:45 - 5:00 a.m.	6	0	0	6
5:00 - 5:15 a.m.	2	0	0	2
5:15 - 5:30 a.m.	5	0	0	5
5:30 - 5:45 a.m.	6	0	0	6
5:45 - 6:00 a.m.	11	1	0	12
6:00 - 6:15 a.m.	10	1	0	11
6:15 - 6:30 a.m.	11	1	0	12
6:30 - 6:45 a.m.	20	3	0	23
6:45 - 7:00 a.m.	49	0	0	49
7:00 - 7:15 a.m.	52	2	0	54
7:15 - 7:30 a.m.	28	1	1	30
7:30 - 7:45 a.m.	48	1	0	49
7:45 - 8:00 a.m.	54	3	1	58
8:00 - 8:15 a.m.	54	1	0	55
8:15 - 8:30 a.m.	53	2	2	57
8:30 - 8:45 a.m.	38	2	2	42
8:45 - 9:00 a.m.	29	5	3	37
9:00 - 9:15 a.m.	15	2	1	18
9:15 - 9:30 a.m.	17	5	2	24
9:30 - 9:45 a.m.	8	3	1	12
9:45 - 10:00 a.m.	13	1	1	15
10:00 - 10:15 a.m.	17	2	0	19
10:15 - 10:30 a.m.	15	1	5	21
10:30 - 10:45 a.m.	20	4	5	29

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	12	3	1	16
11:00 - 11:15 a.m.	16	5	3	24
11:15 - 11:30 a.m.	17	2	1	20
11:30 - 11:45 a.m.	9	0	2	11
11:45 - 12:00 p.m.	10	1	2	13
12:00 - 12:15 p.m.	20	2	0	22
12:15 - 12:30 p.m.	20	3	4	27
12:30 - 12:45 p.m.	27	2	3	32
12:45 - 1:00 p.m.	27	3	1	31
1:00 - 1:15 p.m.	22	2	1	25
1:15 - 1:30 p.m.	29	0	1	30
1:30 - 1:45 p.m.	19	4	1	24
1:45 - 2:00 p.m.	32	6	1	39
2:00 - 2:15 p.m.	28	5	1	34
2:15 - 2:30 p.m.	16	6	1	23
2:30 - 2:45 p.m.	21	7	2	30
2:45 - 3:00 p.m.	27	10	0	37
3:00 - 3:15 p.m.	28	5	1	34
3:15 - 3:30 p.m.	17	2	2	21
3:30 - 3:45 p.m.	23	7	0	30
3:45 - 4:00 p.m.	28	4	1	33
4:00 - 4:15 p.m.	20	8	1	29
4:15 - 4:30 p.m.	31	3	0	34
4:30 - 4:45 p.m.	27	2	1	30
4:45 - 5:00 p.m.	35	0	1	36
5:00 - 5:15 p.m.	52	1	0	53
5:15 - 5:30 p.m.	31	4	1	36
5:30 - 5:45 p.m.	30	1	0	31
5:45 - 6:00 p.m.	28	2	0	30
6:00 - 6:15 p.m.	37	2	1	40
6:15 - 6:30 p.m.	46	0	0	46
6:30 - 6:45 p.m.	46	4	1	51
6:45 - 7:00 p.m.	47	0	0	47
7:00 - 7:15 p.m.	34	1	1	36
7:15 - 7:30 p.m.	42	1	0	43
7:30 - 7:45 p.m.	44	0	2	46
7:45 - 8:00 p.m.	22	0	1	23
8:00 - 8:15 p.m.	25	1	0	26
8:15 - 8:30 p.m.	14	0	1	15
8:30 - 8:45 p.m.	27	0	1	28
8:45 - 9:00 p.m.	10	0	0	10
9:00 - 9:15 p.m.	8	0	1	9
9:15 - 9:30 p.m.	16	0	3	19

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)  
 Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	9	0	0	9
9:45 - 10:00 p.m.	6	0	0	6
10:00 - 10:15 p.m.	9	0	1	10
10:15 - 10:30 p.m.	3	0	1	4
10:30 - 10:45 p.m.	6	0	2	8
10:45 - 11:00 p.m.	2	0	0	2
11:00 - 11:15 p.m.	1	0	0	1
11:15 - 11:30 p.m.	0	0	1	1
11:30 - 11:45 p.m.	1	0	0	1
11:45 - 12:00 a.m.	3	0	0	3
Total	1767	154	81	2002

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 25, 2002 (Friday)

Hour	Movement												Total
	1	2	3	4	5	6	7	8	9	10	11	12	
12:00 - 1:00 a.m.	10	11	7	11	490	36	33	15	55	45	395	9	1117
1:00 - 2:00 a.m.	4	8	6	7	281	22	11	2	37	22	249	5	654
2:00 - 3:00 a.m.	3	2	4	4	237	25	8	3	28	14	229	6	563
3:00 - 4:00 a.m.	3	1	2	2	193	16	9	0	25	23	208	2	484
4:00 - 5:00 a.m.	11	4	3	6	221	8	9	3	26	63	367	21	742
5:00 - 6:00 a.m.	12	10	12	11	330	16	19	15	38	118	1054	25	1660
6:00 - 7:00 a.m.	23	68	23	25	692	65	54	63	62	123	1433	95	2726
7:00 - 8:00 a.m.	103	122	56	35	1135	95	132	142	107	234	1948	191	4300
8:00 - 9:00 a.m.	89	150	52	41	1316	97	147	110	117	249	2051	191	4610
9:00 - 10:00 a.m.	78	154	33	53	1467	62	158	84	138	229	1550	69	4075
10:00 - 11:00 a.m.	90	197	49	56	1430	114	184	126	132	217	2128	85	4808
11:00 - 12:00 p.m.	83	237	51	41	1469	113	157	88	136	231	1668	68	4342
12:00 - 1:00 p.m.	143	117	176	87	1009	142	84	99	250	136	1288	112	3643
1:00 - 2:00 p.m.	107	95	69	55	1329	197	138	102	264	148	1452	118	4074
2:00 - 3:00 p.m.	124	90	85	163	1533	186	99	133	254	116	1476	124	4383
3:00 - 4:00 p.m.	187	87	82	46	1676	170	91	122	259	106	1369	118	4313
4:00 - 5:00 p.m.	238	164	106	68	2028	139	109	151	263	134	1229	129	4758
5:00 - 6:00 p.m.	235	186	94	66	2056	119	108	218	323	128	1582	150	5265
6:00 - 7:00 p.m.	177	132	46	118	1416	95	90	231	389	195	605	184	3678
7:00 - 8:00 p.m.	130	74	38	97	1265	123	101	192	294	224	736	148	3422
8:00 - 9:00 p.m.	83	52	36	56	1277	91	77	90	265	202	337	79	2645
9:00 - 10:00 p.m.	66	46	21	38	1215	78	83	56	218	181	370	43	2415
10:00 - 11:00 p.m.	180	98	25	17	1147	79	58	25	178	129	326	24	2286
11:00 - 12:00 a.m.	20	28	4	3	810	55	41	15	108	94	271	6	1455
<b>Total</b>	<b>2199</b>	<b>2133</b>	<b>1080</b>	<b>1106</b>	<b>26022</b>	<b>2143</b>	<b>2000</b>	<b>2085</b>	<b>3966</b>	<b>3361</b>	<b>24321</b>	<b>2002</b>	<b>72418</b>

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	5	0	0	5
12:15 - 12:30 a.m.	1	0	0	1
12:30 - 12:45 a.m.	1	0	0	1
12:45 - 1:00 a.m.	2	0	0	2
1:00 - 1:15 a.m.	0	0	0	0
1:15 - 1:30 a.m.	1	0	0	1
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	1	0	0	1
2:00 - 2:15 a.m.	2	0	0	2
2:15 - 2:30 a.m.	1	0	0	1
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	2	0	0	2
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	2	0	0	2
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	0	0	0	0
4:15 - 4:30 a.m.	1	1	0	2
4:30 - 4:45 a.m.	1	0	0	1
4:45 - 5:00 a.m.	2	0	0	2
5:00 - 5:15 a.m.	1	2	0	3
5:15 - 5:30 a.m.	2	0	0	2
5:30 - 5:45 a.m.	2	0	0	2
5:45 - 6:00 a.m.	1	0	0	1
6:00 - 6:15 a.m.	2	11	0	13
6:15 - 6:30 a.m.	3	0	0	3
6:30 - 6:45 a.m.	5	1	0	6
6:45 - 7:00 a.m.	8	0	1	9
7:00 - 7:15 a.m.	3	0	0	3
7:15 - 7:30 a.m.	10	0	0	10
7:30 - 7:45 a.m.	7	1	0	8
7:45 - 8:00 a.m.	17	0	0	17
8:00 - 8:15 a.m.	15	0	0	15
8:15 - 8:30 a.m.	11	0	0	11
8:30 - 8:45 a.m.	14	3	0	17
8:45 - 9:00 a.m.	14	4	0	18
9:00 - 9:15 a.m.	18	3	3	24
9:15 - 9:30 a.m.	16	3	0	19
9:30 - 9:45 a.m.	7	0	0	7
9:45 - 10:00 a.m.	15	0	2	17
10:00 - 10:15 a.m.	11	2	1	14
10:15 - 10:30 a.m.	16	3	2	21
10:30 - 10:45 a.m.	10	0	3	13

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	12	2	0	14
11:00 - 11:15 a.m.	14	1	0	15
11:15 - 11:30 a.m.	17	2	1	20
11:30 - 11:45 a.m.	16	1	1	18
11:45 - 12:00 p.m.	18	3	0	21
12:00 - 12:15 p.m.	21	4	2	27
12:15 - 12:30 p.m.	25	5	3	33
12:30 - 12:45 p.m.	18	1	0	19
12:45 - 1:00 p.m.	19	5	3	27
1:00 - 1:15 p.m.	11	3	0	14
1:15 - 1:30 p.m.	17	6	1	24
1:30 - 1:45 p.m.	21	2	1	24
1:45 - 2:00 p.m.	15	1	1	17
2:00 - 2:15 p.m.	15	0	2	17
2:15 - 2:30 p.m.	17	2	2	21
2:30 - 2:45 p.m.	25	3	3	31
2:45 - 3:00 p.m.	22	1	1	24
3:00 - 3:15 p.m.	12	4	4	20
3:15 - 3:30 p.m.	16	3	1	20
3:30 - 3:45 p.m.	14	1	3	18
3:45 - 4:00 p.m.	13	1	0	14
4:00 - 4:15 p.m.	10	1	3	14
4:15 - 4:30 p.m.	17	1	4	22
4:30 - 4:45 p.m.	27	0	0	27
4:45 - 5:00 p.m.	24	0	0	24
5:00 - 5:15 p.m.	21	1	1	23
5:15 - 5:30 p.m.	24	1	0	25
5:30 - 5:45 p.m.	14	2	0	16
5:45 - 6:00 p.m.	26	0	1	27
6:00 - 6:15 p.m.	18	0	1	19
6:15 - 6:30 p.m.	20	1	0	21
6:30 - 6:45 p.m.	12	1	0	13
6:45 - 7:00 p.m.	19	0	0	19
7:00 - 7:15 p.m.	21	1	0	22
7:15 - 7:30 p.m.	12	1	0	13
7:30 - 7:45 p.m.	14	0	1	15
7:45 - 8:00 p.m.	15	1	0	16
8:00 - 8:15 p.m.	10	0	0	10
8:15 - 8:30 p.m.	4	0	1	5
8:30 - 8:45 p.m.	9	2	0	11
8:45 - 9:00 p.m.	3	0	0	3
9:00 - 9:15 p.m.	4	0	1	5
9:15 - 9:30 p.m.	2	1	0	3



SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	10	0	0	10
9:45 - 10:00 p.m.	21	0	0	21
10:00 - 10:15 p.m.	87	0	1	88
10:15 - 10:30 p.m.	80	0	1	81
10:30 - 10:45 p.m.	17	0	1	18
10:45 - 11:00 p.m.	12	0	0	12
11:00 - 11:15 p.m.	8	0	0	8
11:15 - 11:30 p.m.	9	0	0	9
11:30 - 11:45 p.m.	7	0	0	7
11:45 - 12:00 a.m.	4	0	0	4
Total	1169	99	57	1325

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	5	0	1	6
12:15 - 12:30 a.m.	3	0	1	4
12:30 - 12:45 a.m.	2	0	0	2
12:45 - 1:00 a.m.	0	0	0	0
1:00 - 1:15 a.m.	0	0	0	0
1:15 - 1:30 a.m.	0	0	0	0
1:30 - 1:45 a.m.	2	0	1	3
1:45 - 2:00 a.m.	0	0	1	1
2:00 - 2:15 a.m.	2	0	1	3
2:15 - 2:30 a.m.	0	0	1	1
2:30 - 2:45 a.m.	1	0	0	1
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	0	0	0	0
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	1	0	0	1
4:45 - 5:00 a.m.	0	0	0	0
5:00 - 5:15 a.m.	2	0	0	2
5:15 - 5:30 a.m.	1	2	0	3
5:30 - 5:45 a.m.	2	1	0	3
5:45 - 6:00 a.m.	0	0	0	0
6:00 - 6:15 a.m.	2	4	0	6
6:15 - 6:30 a.m.	1	0	0	1
6:30 - 6:45 a.m.	4	1	0	5
6:45 - 7:00 a.m.	4	2	0	6
7:00 - 7:15 a.m.	10	1	0	11
7:15 - 7:30 a.m.	10	3	0	13
7:30 - 7:45 a.m.	19	1	1	21
7:45 - 8:00 a.m.	23	3	0	26
8:00 - 8:15 a.m.	21	1	0	22
8:15 - 8:30 a.m.	20	1	2	23
8:30 - 8:45 a.m.	16	2	0	18
8:45 - 9:00 a.m.	18	2	0	20
9:00 - 9:15 a.m.	31	1	0	32
9:15 - 9:30 a.m.	19	1	1	21
9:30 - 9:45 a.m.	27	1	0	28
9:45 - 10:00 a.m.	15	0	0	15
10:00 - 10:15 a.m.	24	2	0	26
10:15 - 10:30 a.m.	21	3	1	25
10:30 - 10:45 a.m.	16	3	2	21

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	11	1	1	13
11:00 - 11:15 a.m.	12	3	2	17
11:15 - 11:30 a.m.	26	3	0	29
11:30 - 11:45 a.m.	16	0	3	19
11:45 - 12:00 p.m.	15	2	0	17
12:00 - 12:15 p.m.	11	1	0	12
12:15 - 12:30 p.m.	12	2	0	14
12:30 - 12:45 p.m.	16	4	1	21
12:45 - 1:00 p.m.	18	3	1	22
1:00 - 1:15 p.m.	15	3	2	20
1:15 - 1:30 p.m.	18	1	1	20
1:30 - 1:45 p.m.	16	0	1	17
1:45 - 2:00 p.m.	19	1	1	21
2:00 - 2:15 p.m.	10	2	2	14
2:15 - 2:30 p.m.	17	1	3	21
2:30 - 2:45 p.m.	17	4	1	22
2:45 - 3:00 p.m.	11	3	0	14
3:00 - 3:15 p.m.	14	2	2	18
3:15 - 3:30 p.m.	13	3	1	17
3:30 - 3:45 p.m.	10	3	1	14
3:45 - 4:00 p.m.	11	0	1	12
4:00 - 4:15 p.m.	13	3	1	17
4:15 - 4:30 p.m.	10	3	0	13
4:30 - 4:45 p.m.	18	2	0	20
4:45 - 5:00 p.m.	21	1	0	22
5:00 - 5:15 p.m.	8	2	2	12
5:15 - 5:30 p.m.	10	1	2	13
5:30 - 5:45 p.m.	16	10	1	27
5:45 - 6:00 p.m.	12	1	1	14
6:00 - 6:15 p.m.	11	2	1	14
6:15 - 6:30 p.m.	13	1	0	14
6:30 - 6:45 p.m.	3	1	1	5
6:45 - 7:00 p.m.	11	3	0	14
7:00 - 7:15 p.m.	4	1	1	6
7:15 - 7:30 p.m.	11	0	1	12
7:30 - 7:45 p.m.	12	1	0	13
7:45 - 8:00 p.m.	9	0	1	10
8:00 - 8:15 p.m.	4	0	3	7
8:15 - 8:30 p.m.	4	0	0	4
8:30 - 8:45 p.m.	5	0	3	8
8:45 - 9:00 p.m.	2	0	2	4
9:00 - 9:15 p.m.	6	1	0	7
9:15 - 9:30 p.m.	4	0	0	4

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	2	0	1	3
9:45 - 10:00 p.m.	5	1	1	7
10:00 - 10:15 p.m.	28	2	1	31
10:15 - 10:30 p.m.	42	1	0	43
10:30 - 10:45 p.m.	18	0	0	18
10:45 - 11:00 p.m.	3	1	0	4
11:00 - 11:15 p.m.	6	0	0	6
11:15 - 11:30 p.m.	1	0	0	1
11:30 - 11:45 p.m.	2	0	0	2
11:45 - 12:00 a.m.	4	0	1	5
Total	948	115	61	1124

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	4	0	1	5
12:15 - 12:30 a.m.	7	0	0	7
12:30 - 12:45 a.m.	6	0	0	6
12:45 - 1:00 a.m.	2	0	0	2
1:00 - 1:15 a.m.	1	0	0	1
1:15 - 1:30 a.m.	1	0	0	1
1:30 - 1:45 a.m.	0	0	1	1
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	0	0	1	1
2:30 - 2:45 a.m.	0	0	1	1
2:45 - 3:00 a.m.	3	0	3	6
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	2	2
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	0	0	0	0
4:15 - 4:30 a.m.	1	0	0	1
4:30 - 4:45 a.m.	0	0	1	1
4:45 - 5:00 a.m.	1	0	0	1
5:00 - 5:15 a.m.	0	0	0	0
5:15 - 5:30 a.m.	1	0	0	1
5:30 - 5:45 a.m.	1	0	0	1
5:45 - 6:00 a.m.	0	1	0	1
6:00 - 6:15 a.m.	4	0	0	4
6:15 - 6:30 a.m.	5	0	0	5
6:30 - 6:45 a.m.	2	0	0	2
6:45 - 7:00 a.m.	7	0	0	7
7:00 - 7:15 a.m.	2	1	0	3
7:15 - 7:30 a.m.	2	0	0	2
7:30 - 7:45 a.m.	4	2	0	6
7:45 - 8:00 a.m.	4	1	0	5
8:00 - 8:15 a.m.	1	1	0	2
8:15 - 8:30 a.m.	15	2	0	17
8:30 - 8:45 a.m.	10	1	1	12
8:45 - 9:00 a.m.	4	0	2	6
9:00 - 9:15 a.m.	4	2	0	6
9:15 - 9:30 a.m.	3	0	1	4
9:30 - 9:45 a.m.	6	1	2	9
9:45 - 10:00 a.m.	6	1	1	8
10:00 - 10:15 a.m.	15	2	3	20
10:15 - 10:30 a.m.	19	1	2	22
10:30 - 10:45 a.m.	16	2	2	20

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	22	2	3	27
11:00 - 11:15 a.m.	13	4	2	19
11:15 - 11:30 a.m.	4	0	0	4
11:30 - 11:45 a.m.	6	3	4	13
11:45 - 12:00 p.m.	7	1	2	10
12:00 - 12:15 p.m.	7	2	2	11
12:15 - 12:30 p.m.	3	1	0	4
12:30 - 12:45 p.m.	4	0	0	4
12:45 - 1:00 p.m.	12	1	0	13
1:00 - 1:15 p.m.	28	1	0	29
1:15 - 1:30 p.m.	6	0	0	6
1:30 - 1:45 p.m.	3	1	0	4
1:45 - 2:00 p.m.	4	1	0	5
2:00 - 2:15 p.m.	8	0	0	8
2:15 - 2:30 p.m.	6	0	0	6
2:30 - 2:45 p.m.	11	0	0	11
2:45 - 3:00 p.m.	0	0	0	0
3:00 - 3:15 p.m.	0	0	0	0
3:15 - 3:30 p.m.	6	1	0	7
3:30 - 3:45 p.m.	1	5	0	6
3:45 - 4:00 p.m.	1	0	0	1
4:00 - 4:15 p.m.	10	0	0	10
4:15 - 4:30 p.m.	18	0	0	18
4:30 - 4:45 p.m.	17	0	0	17
4:45 - 5:00 p.m.	3	1	0	4
5:00 - 5:15 p.m.	16	2	1	19
5:15 - 5:30 p.m.	19	0	0	19
5:30 - 5:45 p.m.	10	0	0	10
5:45 - 6:00 p.m.	17	0	0	17
6:00 - 6:15 p.m.	12	1	0	13
6:15 - 6:30 p.m.	4	0	0	4
6:30 - 6:45 p.m.	6	1	0	7
6:45 - 7:00 p.m.	15	0	0	15
7:00 - 7:15 p.m.	6	1	2	9
7:15 - 7:30 p.m.	8	0	0	8
7:30 - 7:45 p.m.	5	0	0	5
7:45 - 8:00 p.m.	4	0	0	4
8:00 - 8:15 p.m.	5	0	0	5
8:15 - 8:30 p.m.	2	0	0	2
8:30 - 8:45 p.m.	5	0	0	5
8:45 - 9:00 p.m.	2	0	1	3
9:00 - 9:15 p.m.	2	0	1	3
9:15 - 9:30 p.m.	1	1	0	2

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	3	0	1	4
9:45 - 10:00 p.m.	3	0	0	3
10:00 - 10:15 p.m.	50	1	1	52
10:15 - 10:30 p.m.	30	0	0	30
10:30 - 10:45 p.m.	12	1	1	14
10:45 - 11:00 p.m.	11	0	0	11
11:00 - 11:15 p.m.	8	0	0	8
11:15 - 11:30 p.m.	1	0	1	2
11:30 - 11:45 p.m.	2	0	3	5
11:45 - 12:00 a.m.	0	0	0	0
Total	617	50	49	716

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	1	0	0	1
12:15 - 12:30 a.m.	0	0	0	0
12:30 - 12:45 a.m.	0	0	0	0
12:45 - 1:00 a.m.	0	0	0	0
1:00 - 1:15 a.m.	1	0	0	1
1:15 - 1:30 a.m.	2	0	0	2
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	0	0	1	1
2:00 - 2:15 a.m.	0	0	1	1
2:15 - 2:30 a.m.	0	0	1	1
2:30 - 2:45 a.m.	2	0	0	2
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	1	1
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	0	0	0	0
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	2	0	0	2
4:45 - 5:00 a.m.	3	0	0	3
5:00 - 5:15 a.m.	0	0	1	1
5:15 - 5:30 a.m.	0	1	0	1
5:30 - 5:45 a.m.	1	0	0	1
5:45 - 6:00 a.m.	3	0	1	4
6:00 - 6:15 a.m.	1	2	0	3
6:15 - 6:30 a.m.	3	0	0	3
6:30 - 6:45 a.m.	4	0	0	4
6:45 - 7:00 a.m.	3	2	0	5
7:00 - 7:15 a.m.	6	0	0	6
7:15 - 7:30 a.m.	2	0	2	4
7:30 - 7:45 a.m.	7	0	0	7
7:45 - 8:00 a.m.	5	3	3	11
8:00 - 8:15 a.m.	2	3	0	5
8:15 - 8:30 a.m.	6	2	0	8
8:30 - 8:45 a.m.	10	5	0	15
8:45 - 9:00 a.m.	5	7	0	12
9:00 - 9:15 a.m.	11	2	0	13
9:15 - 9:30 a.m.	10	5	2	17
9:30 - 9:45 a.m.	8	2	0	10
9:45 - 10:00 a.m.	20	2	0	22
10:00 - 10:15 a.m.	6	4	1	11
10:15 - 10:30 a.m.	9	7	0	16
10:30 - 10:45 a.m.	16	3	4	23



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	10	7	0	17
11:00 - 11:15 a.m.	11	7	3	21
11:15 - 11:30 a.m.	13	2	7	22
11:30 - 11:45 a.m.	12	1	2	15
11:45 - 12:00 p.m.	9	4	0	13
12:00 - 12:15 p.m.	4	2	1	7
12:15 - 12:30 p.m.	6	0	2	8
12:30 - 12:45 p.m.	2	1	1	4
12:45 - 1:00 p.m.	15	2	2	19
1:00 - 1:15 p.m.	12	2	0	14
1:15 - 1:30 p.m.	7	2	1	10
1:30 - 1:45 p.m.	19	1	1	21
1:45 - 2:00 p.m.	9	2	0	11
2:00 - 2:15 p.m.	10	3	1	14
2:15 - 2:30 p.m.	4	1	1	6
2:30 - 2:45 p.m.	8	1	0	9
2:45 - 3:00 p.m.	8	2	2	12
3:00 - 3:15 p.m.	7	1	2	10
3:15 - 3:30 p.m.	9	1	1	11
3:30 - 3:45 p.m.	8	0	0	8
3:45 - 4:00 p.m.	8	2	0	10
4:00 - 4:15 p.m.	8	0	0	8
4:15 - 4:30 p.m.	3	0	0	3
4:30 - 4:45 p.m.	16	0	0	16
4:45 - 5:00 p.m.	4	2	1	7
5:00 - 5:15 p.m.	14	0	0	14
5:15 - 5:30 p.m.	9	0	0	9
5:30 - 5:45 p.m.	7	1	1	9
5:45 - 6:00 p.m.	10	1	0	11
6:00 - 6:15 p.m.	16	0	0	16
6:15 - 6:30 p.m.	15	0	1	16
6:30 - 6:45 p.m.	7	1	0	8
6:45 - 7:00 p.m.	15	0	0	15
7:00 - 7:15 p.m.	15	0	0	15
7:15 - 7:30 p.m.	20	0	0	20
7:30 - 7:45 p.m.	19	0	0	19
7:45 - 8:00 p.m.	9	2	0	11
8:00 - 8:15 p.m.	10	1	0	11
8:15 - 8:30 p.m.	7	0	0	7
8:30 - 8:45 p.m.	9	1	0	10
8:45 - 9:00 p.m.	7	0	0	7
9:00 - 9:15 p.m.	2	0	0	2
9:15 - 9:30 p.m.	0	0	0	0

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	1	0	0	1
9:45 - 10:00 p.m.	4	0	0	4
10:00 - 10:15 p.m.	2	0	0	2
10:15 - 10:30 p.m.	4	0	0	4
10:30 - 10:45 p.m.	1	0	0	1
10:45 - 11:00 p.m.	1	0	0	1
11:00 - 11:15 p.m.	1	0	1	2
11:15 - 11:30 p.m.	1	0	0	1
11:30 - 11:45 p.m.	1	0	0	1
11:45 - 12:00 a.m.	2	0	0	2
Total	580	103	49	732

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	141	3	0	144
12:15 - 12:30 a.m.	159	3	0	162
12:30 - 12:45 a.m.	179	10	1	190
12:45 - 1:00 a.m.	150	4	1	155
1:00 - 1:15 a.m.	140	2	1	143
1:15 - 1:30 a.m.	117	5	0	122
1:30 - 1:45 a.m.	110	3	0	113
1:45 - 2:00 a.m.	115	3	0	118
2:00 - 2:15 a.m.	100	3	0	103
2:15 - 2:30 a.m.	111	1	0	112
2:30 - 2:45 a.m.	104	0	0	104
2:45 - 3:00 a.m.	93	2	0	95
3:00 - 3:15 a.m.	117	4	0	121
3:15 - 3:30 a.m.	95	3	0	98
3:30 - 3:45 a.m.	89	2	0	91
3:45 - 4:00 a.m.	79	0	0	79
4:00 - 4:15 a.m.	104	1	0	105
4:15 - 4:30 a.m.	75	2	0	77
4:30 - 4:45 a.m.	75	6	0	81
4:45 - 5:00 a.m.	96	4	0	100
5:00 - 5:15 a.m.	67	5	0	72
5:15 - 5:30 a.m.	56	5	0	61
5:30 - 5:45 a.m.	68	3	0	71
5:45 - 6:00 a.m.	93	14	0	107
6:00 - 6:15 a.m.	34	7	0	41
6:15 - 6:30 a.m.	40	13	0	53
6:30 - 6:45 a.m.	46	28	0	74
6:45 - 7:00 a.m.	61	31	0	92
7:00 - 7:15 a.m.	56	26	0	82
7:15 - 7:30 a.m.	59	33	0	92
7:30 - 7:45 a.m.	65	33	0	98
7:45 - 8:00 a.m.	120	32	0	152
8:00 - 8:15 a.m.	103	26	0	129
8:15 - 8:30 a.m.	116	27	0	143
8:30 - 8:45 a.m.	102	42	0	144
8:45 - 9:00 a.m.	112	28	0	140
9:00 - 9:15 a.m.	97	29	0	126
9:15 - 9:30 a.m.	166	28	0	194
9:30 - 9:45 a.m.	103	43	0	146
9:45 - 10:00 a.m.	203	24	0	227
10:00 - 10:15 a.m.	171	29	0	200
10:15 - 10:30 a.m.	155	36	0	191
10:30 - 10:45 a.m.	165	38	0	203

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	183	38	0	221
11:00 - 11:15 a.m.	181	36	0	217
11:15 - 11:30 a.m.	196	32	0	228
11:30 - 11:45 a.m.	183	27	0	210
11:45 - 12:00 p.m.	156	29	0	185
12:00 - 12:15 p.m.	162	23	0	185
12:15 - 12:30 p.m.	168	18	0	186
12:30 - 12:45 p.m.	374	36	0	410
12:45 - 1:00 p.m.	438	36	0	474
1:00 - 1:15 p.m.	369	28	0	397
1:15 - 1:30 p.m.	435	39	0	474
1:30 - 1:45 p.m.	433	26	0	459
1:45 - 2:00 p.m.	418	31	0	449
2:00 - 2:15 p.m.	490	25	0	515
2:15 - 2:30 p.m.	417	22	0	439
2:30 - 2:45 p.m.	465	19	0	484
2:45 - 3:00 p.m.	361	21	0	382
3:00 - 3:15 p.m.	426	28	0	454
3:15 - 3:30 p.m.	385	23	0	408
3:30 - 3:45 p.m.	385	28	0	413
3:45 - 4:00 p.m.	404	26	0	430
4:00 - 4:15 p.m.	3559	26	0	3585
4:15 - 4:30 p.m.	505	19	0	524
4:30 - 4:45 p.m.	488	28	0	516
4:45 - 5:00 p.m.	447	30	0	477
5:00 - 5:15 p.m.	362	30	0	392
5:15 - 5:30 p.m.	313	20	0	333
5:30 - 5:45 p.m.	467	27	0	494
5:45 - 6:00 p.m.	363	24	0	387
6:00 - 6:15 p.m.	264	13	0	277
6:15 - 6:30 p.m.	329	20	0	349
6:30 - 6:45 p.m.	396	16	0	412
6:45 - 7:00 p.m.	321	23	0	344
7:00 - 7:15 p.m.	366	18	0	384
7:15 - 7:30 p.m.	296	29	0	325
7:30 - 7:45 p.m.	394	14	0	408
7:45 - 8:00 p.m.	353	29	0	382
8:00 - 8:15 p.m.	275	17	0	292
8:15 - 8:30 p.m.	309	13	0	322
8:30 - 8:45 p.m.	223	16	0	239
8:45 - 9:00 p.m.	308	11	0	319
9:00 - 9:15 p.m.	302	9	0	311
9:15 - 9:30 p.m.	291	15	0	306

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	270	8	0	278
9:45 - 10:00 p.m.	220	12	0	232
10:00 - 10:15 p.m.	243	8	0	251
10:15 - 10:30 p.m.	247	5	0	252
10:30 - 10:45 p.m.	212	12	1	225
10:45 - 11:00 p.m.	222	6	0	228
11:00 - 11:15 p.m.	228	12	0	240
11:15 - 11:30 p.m.	240	10	0	250
11:30 - 11:45 p.m.	211	7	0	218
11:45 - 12:00 a.m.	198	8	0	206
Total	24758	1767	4	26529

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	7	0	0	7
12:15 - 12:30 a.m.	12	0	0	12
12:30 - 12:45 a.m.	14	0	0	14
12:45 - 1:00 a.m.	7	0	0	7
1:00 - 1:15 a.m.	15	0	0	15
1:15 - 1:30 a.m.	14	0	0	14
1:30 - 1:45 a.m.	8	0	0	8
1:45 - 2:00 a.m.	9	0	0	9
2:00 - 2:15 a.m.	11	0	0	11
2:15 - 2:30 a.m.	8	0	0	8
2:30 - 2:45 a.m.	9	0	0	9
2:45 - 3:00 a.m.	6	0	0	6
3:00 - 3:15 a.m.	11	0	0	11
3:15 - 3:30 a.m.	8	0	0	8
3:30 - 3:45 a.m.	3	0	0	3
3:45 - 4:00 a.m.	5	0	0	5
4:00 - 4:15 a.m.	9	0	0	9
4:15 - 4:30 a.m.	6	0	0	6
4:30 - 4:45 a.m.	3	0	0	3
4:45 - 5:00 a.m.	7	0	0	7
5:00 - 5:15 a.m.	4	0	0	4
5:15 - 5:30 a.m.	4	0	0	4
5:30 - 5:45 a.m.	7	2	0	9
5:45 - 6:00 a.m.	13	0	0	13
6:00 - 6:15 a.m.	5	0	0	5
6:15 - 6:30 a.m.	4	0	0	4
6:30 - 6:45 a.m.	8	1	0	9
6:45 - 7:00 a.m.	9	0	0	9
7:00 - 7:15 a.m.	6	0	0	6
7:15 - 7:30 a.m.	8	1	0	9
7:30 - 7:45 a.m.	19	0	0	19
7:45 - 8:00 a.m.	9	0	0	9
8:00 - 8:15 a.m.	17	2	0	19
8:15 - 8:30 a.m.	19	1	0	20
8:30 - 8:45 a.m.	20	2	0	22
8:45 - 9:00 a.m.	28	4	0	32
9:00 - 9:15 a.m.	25	4	0	29
9:15 - 9:30 a.m.	30	3	0	33
9:30 - 9:45 a.m.	25	3	0	28
9:45 - 10:00 a.m.	15	4	0	19
10:00 - 10:15 a.m.	45	3	0	48
10:15 - 10:30 a.m.	35	2	0	37
10:30 - 10:45 a.m.	37	4	0	41

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	49	5	0	54
11:00 - 11:15 a.m.	45	3	0	48
11:15 - 11:30 a.m.	35	1	0	36
11:30 - 11:45 a.m.	26	2	0	28
11:45 - 12:00 p.m.	28	2	0	30
12:00 - 12:15 p.m.	37	0	0	37
12:15 - 12:30 p.m.	22	0	0	22
12:30 - 12:45 p.m.	20	0	0	20
12:45 - 1:00 p.m.	35	0	0	35
1:00 - 1:15 p.m.	50	1	0	51
1:15 - 1:30 p.m.	27	0	0	27
1:30 - 1:45 p.m.	20	0	0	20
1:45 - 2:00 p.m.	21	1	0	22
2:00 - 2:15 p.m.	33	0	0	33
2:15 - 2:30 p.m.	68	0	0	68
2:30 - 2:45 p.m.	28	0	0	28
2:45 - 3:00 p.m.	28	0	0	28
3:00 - 3:15 p.m.	10	1	0	11
3:15 - 3:30 p.m.	22	2	0	24
3:30 - 3:45 p.m.	36	3	0	39
3:45 - 4:00 p.m.	12	0	0	12
4:00 - 4:15 p.m.	36	0	0	36
4:15 - 4:30 p.m.	36	0	0	36
4:30 - 4:45 p.m.	43	0	0	43
4:45 - 5:00 p.m.	40	0	0	40
5:00 - 5:15 p.m.	33	0	0	33
5:15 - 5:30 p.m.	37	0	0	37
5:30 - 5:45 p.m.	24	0	0	24
5:45 - 6:00 p.m.	37	0	0	37
6:00 - 6:15 p.m.	22	0	0	22
6:15 - 6:30 p.m.	21	0	0	21
6:30 - 6:45 p.m.	31	0	0	31
6:45 - 7:00 p.m.	24	0	0	24
7:00 - 7:15 p.m.	41	0	0	41
7:15 - 7:30 p.m.	15	0	0	15
7:30 - 7:45 p.m.	20	0	0	20
7:45 - 8:00 p.m.	20	0	0	20
8:00 - 8:15 p.m.	31	1	0	32
8:15 - 8:30 p.m.	11	0	0	11
8:30 - 8:45 p.m.	22	0	0	22
8:45 - 9:00 p.m.	12	0	0	12
9:00 - 9:15 p.m.	16	0	0	16
9:15 - 9:30 p.m.	30	0	0	30

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	18	0	0	18
9:45 - 10:00 p.m.	5	0	0	5
10:00 - 10:15 p.m.	18	0	0	18
10:15 - 10:30 p.m.	7	0	0	7
10:30 - 10:45 p.m.	9	0	0	9
10:45 - 11:00 p.m.	12	0	0	12
11:00 - 11:15 p.m.	12	0	0	12
11:15 - 11:30 p.m.	22	0	0	22
11:30 - 11:45 p.m.	11	0	0	11
11:45 - 12:00 a.m.	18	0	0	18
Total	1950	58	0	2008



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	10	0	0	10
12:15 - 12:30 a.m.	13	0	0	13
12:30 - 12:45 a.m.	11	0	0	11
12:45 - 1:00 a.m.	10	0	0	10
1:00 - 1:15 a.m.	6	0	0	6
1:15 - 1:30 a.m.	9	0	0	9
1:30 - 1:45 a.m.	2	0	0	2
1:45 - 2:00 a.m.	7	0	0	7
2:00 - 2:15 a.m.	3	0	0	3
2:15 - 2:30 a.m.	3	0	0	3
2:30 - 2:45 a.m.	5	0	0	5
2:45 - 3:00 a.m.	3	0	0	3
3:00 - 3:15 a.m.	4	0	0	4
3:15 - 3:30 a.m.	8	0	0	8
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	3	0	0	3
4:00 - 4:15 a.m.	5	0	0	5
4:15 - 4:30 a.m.	3	0	0	3
4:30 - 4:45 a.m.	1	0	0	1
4:45 - 5:00 a.m.	7	0	0	7
5:00 - 5:15 a.m.	3	0	0	3
5:15 - 5:30 a.m.	3	1	0	4
5:30 - 5:45 a.m.	2	0	0	2
5:45 - 6:00 a.m.	2	0	0	2
6:00 - 6:15 a.m.	4	0	0	4
6:15 - 6:30 a.m.	8	0	0	8
6:30 - 6:45 a.m.	13	0	0	13
6:45 - 7:00 a.m.	11	0	0	11
7:00 - 7:15 a.m.	13	1	0	14
7:15 - 7:30 a.m.	15	1	0	16
7:30 - 7:45 a.m.	28	0	0	28
7:45 - 8:00 a.m.	34	0	0	34
8:00 - 8:15 a.m.	36	0	0	36
8:15 - 8:30 a.m.	42	0	0	42
8:30 - 8:45 a.m.	39	0	0	39
8:45 - 9:00 a.m.	31	1	0	32
9:00 - 9:15 a.m.	32	1	0	33
9:15 - 9:30 a.m.	41	3	0	44
9:30 - 9:45 a.m.	38	1	0	39
9:45 - 10:00 a.m.	48	1	0	49
10:00 - 10:15 a.m.	54	3	0	57
10:15 - 10:30 a.m.	39	1	0	40
10:30 - 10:45 a.m.	51	3	0	54

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	33	2	0	35
11:00 - 11:15 a.m.	31	1	0	32
11:15 - 11:30 a.m.	43	3	0	46
11:30 - 11:45 a.m.	39	4	0	43
11:45 - 12:00 p.m.	40	1	0	41
12:00 - 12:15 p.m.	4	1	1	6
12:15 - 12:30 p.m.	9	2	1	12
12:30 - 12:45 p.m.	9	2	1	12
12:45 - 1:00 p.m.	8	3	1	12
1:00 - 1:15 p.m.	4	1	1	6
1:15 - 1:30 p.m.	5	1	0	6
1:30 - 1:45 p.m.	6	2	1	9
1:45 - 2:00 p.m.	8	0	0	8
2:00 - 2:15 p.m.	8	2	0	10
2:15 - 2:30 p.m.	6	2	0	8
2:30 - 2:45 p.m.	8	1	1	10
2:45 - 3:00 p.m.	6	2	3	11
3:00 - 3:15 p.m.	7	2	1	10
3:15 - 3:30 p.m.	8	2	2	12
3:30 - 3:45 p.m.	5	0	2	7
3:45 - 4:00 p.m.	7	2	0	9
4:00 - 4:15 p.m.	5	3	0	8
4:15 - 4:30 p.m.	9	0	1	10
4:30 - 4:45 p.m.	8	0	1	9
4:45 - 5:00 p.m.	7	0	0	7
5:00 - 5:15 p.m.	8	0	0	8
5:15 - 5:30 p.m.	7	0	1	8
5:30 - 5:45 p.m.	6	0	0	6
5:45 - 6:00 p.m.	7	1	0	8
6:00 - 6:15 p.m.	42	0	0	42
6:15 - 6:30 p.m.	30	0	0	30
6:30 - 6:45 p.m.	23	0	0	23
6:45 - 7:00 p.m.	23	0	0	23
7:00 - 7:15 p.m.	24	0	0	24
7:15 - 7:30 p.m.	25	0	0	25
7:30 - 7:45 p.m.	28	0	0	28
7:45 - 8:00 p.m.	20	0	0	20
8:00 - 8:15 p.m.	16	0	0	16
8:15 - 8:30 p.m.	23	0	0	23
8:30 - 8:45 p.m.	21	0	0	21
8:45 - 9:00 p.m.	16	0	0	16
9:00 - 9:15 p.m.	20	0	0	20
9:15 - 9:30 p.m.	16	0	0	16

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	18	0	0	18
9:45 - 10:00 p.m.	17	0	0	17
10:00 - 10:15 p.m.	21	0	0	21
10:15 - 10:30 p.m.	17	0	0	17
10:30 - 10:45 p.m.	9	0	0	9
10:45 - 11:00 p.m.	19	0	0	19
11:00 - 11:15 p.m.	10	0	0	10
11:15 - 11:30 p.m.	12	0	0	12
11:30 - 11:45 p.m.	6	0	0	6
11:45 - 12:00 a.m.	9	0	0	9
Total	1517	57	18	1592

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	3	0	0	3
12:15 - 12:30 a.m.	0	0	0	0
12:30 - 12:45 a.m.	0	0	1	1
12:45 - 1:00 a.m.	2	0	1	3
1:00 - 1:15 a.m.	2	0	1	3
1:15 - 1:30 a.m.	0	0	0	0
1:30 - 1:45 a.m.	2	0	1	3
1:45 - 2:00 a.m.	2	0	0	2
2:00 - 2:15 a.m.	1	0	0	1
2:15 - 2:30 a.m.	0	0	2	2
2:30 - 2:45 a.m.	1	0	0	1
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	1	0	0	1
4:00 - 4:15 a.m.	0	0	1	1
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	0	0	0	0
4:45 - 5:00 a.m.	1	0	0	1
5:00 - 5:15 a.m.	1	0	0	1
5:15 - 5:30 a.m.	0	1	0	1
5:30 - 5:45 a.m.	0	0	0	0
5:45 - 6:00 a.m.	2	2	0	4
6:00 - 6:15 a.m.	6	2	0	8
6:15 - 6:30 a.m.	3	2	1	6
6:30 - 6:45 a.m.	5	3	0	8
6:45 - 7:00 a.m.	18	1	0	19
7:00 - 7:15 a.m.	5	3	0	8
7:15 - 7:30 a.m.	6	0	1	7
7:30 - 7:45 a.m.	7	2	0	9
7:45 - 8:00 a.m.	9	2	1	12
8:00 - 8:15 a.m.	10	4	0	14
8:15 - 8:30 a.m.	13	3	0	16
8:30 - 8:45 a.m.	12	1	1	14
8:45 - 9:00 a.m.	13	1	0	14
9:00 - 9:15 a.m.	12	2	1	15
9:15 - 9:30 a.m.	9	3	1	13
9:30 - 9:45 a.m.	12	2	1	15
9:45 - 10:00 a.m.	18	3	1	22
10:00 - 10:15 a.m.	19	2	0	21
10:15 - 10:30 a.m.	19	2	0	21
10:30 - 10:45 a.m.	12	1	0	13

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	18	0	0	18
11:00 - 11:15 a.m.	17	3	1	21
11:15 - 11:30 a.m.	15	2	1	18
11:30 - 11:45 a.m.	16	5	1	22
11:45 - 12:00 p.m.	16	4	0	20
12:00 - 12:15 p.m.	67	3	4	74
12:15 - 12:30 p.m.	38	4	1	43
12:30 - 12:45 p.m.	24	2	2	28
12:45 - 1:00 p.m.	25	3	5	33
1:00 - 1:15 p.m.	19	1	2	22
1:15 - 1:30 p.m.	23	2	2	27
1:30 - 1:45 p.m.	23	3	3	29
1:45 - 2:00 p.m.	31	4	5	40
2:00 - 2:15 p.m.	35	2	1	38
2:15 - 2:30 p.m.	26	1	0	27
2:30 - 2:45 p.m.	24	2	3	29
2:45 - 3:00 p.m.	25	1	4	30
3:00 - 3:15 p.m.	16	1	2	19
3:15 - 3:30 p.m.	18	0	3	21
3:30 - 3:45 p.m.	24	2	5	31
3:45 - 4:00 p.m.	19	0	1	20
4:00 - 4:15 p.m.	16	0	0	16
4:15 - 4:30 p.m.	19	0	2	21
4:30 - 4:45 p.m.	15	0	1	16
4:45 - 5:00 p.m.	28	2	3	33
5:00 - 5:15 p.m.	26	0	2	28
5:15 - 5:30 p.m.	25	0	1	26
5:30 - 5:45 p.m.	18	0	0	18
5:45 - 6:00 p.m.	27	0	0	27
6:00 - 6:15 p.m.	26	1	1	28
6:15 - 6:30 p.m.	16	1	0	17
6:30 - 6:45 p.m.	26	0	1	27
6:45 - 7:00 p.m.	28	0	0	28
7:00 - 7:15 p.m.	32	0	0	32
7:15 - 7:30 p.m.	36	0	0	36
7:30 - 7:45 p.m.	35	0	0	35
7:45 - 8:00 p.m.	26	0	0	26
8:00 - 8:15 p.m.	11	1	1	13
8:15 - 8:30 p.m.	19	0	2	21
8:30 - 8:45 p.m.	25	0	2	27
8:45 - 9:00 p.m.	14	0	1	15
9:00 - 9:15 p.m.	3	0	0	3
9:15 - 9:30 p.m.	6	0	2	8

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	5	0	2	7
9:45 - 10:00 p.m.	4	0	1	5
10:00 - 10:15 p.m.	4	0	1	5
10:15 - 10:30 p.m.	10	0	0	10
10:30 - 10:45 p.m.	3	0	0	3
10:45 - 11:00 p.m.	5	0	0	5
11:00 - 11:15 p.m.	3	0	2	5
11:15 - 11:30 p.m.	4	0	1	5
11:30 - 11:45 p.m.	1	0	1	2
11:45 - 12:00 a.m.	3	0	1	4
Total	1265	92	89	1446

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	17	0	0	17
12:15 - 12:30 a.m.	25	0	0	25
12:30 - 12:45 a.m.	21	0	0	21
12:45 - 1:00 a.m.	20	0	0	20
1:00 - 1:15 a.m.	20	0	0	20
1:15 - 1:30 a.m.	16	0	0	16
1:30 - 1:45 a.m.	20	0	0	20
1:45 - 2:00 a.m.	19	0	0	19
2:00 - 2:15 a.m.	14	0	0	14
2:15 - 2:30 a.m.	13	0	0	13
2:30 - 2:45 a.m.	12	0	0	12
2:45 - 3:00 a.m.	7	0	0	7
3:00 - 3:15 a.m.	15	0	0	15
3:15 - 3:30 a.m.	10	0	0	10
3:30 - 3:45 a.m.	9	0	0	9
3:45 - 4:00 a.m.	12	0	0	12
4:00 - 4:15 a.m.	8	0	0	8
4:15 - 4:30 a.m.	8	0	0	8
4:30 - 4:45 a.m.	6	0	0	6
4:45 - 5:00 a.m.	10	0	0	10
5:00 - 5:15 a.m.	17	0	0	17
5:15 - 5:30 a.m.	8	0	0	8
5:30 - 5:45 a.m.	11	0	0	11
5:45 - 6:00 a.m.	15	1	0	16
6:00 - 6:15 a.m.	6	0	0	6
6:15 - 6:30 a.m.	12	2	0	14
6:30 - 6:45 a.m.	17	0	0	17
6:45 - 7:00 a.m.	25	1	0	26
7:00 - 7:15 a.m.	15	0	0	15
7:15 - 7:30 a.m.	30	1	0	31
7:30 - 7:45 a.m.	31	1	0	32
7:45 - 8:00 a.m.	25	1	0	26
8:00 - 8:15 a.m.	30	3	0	33
8:15 - 8:30 a.m.	39	3	0	42
8:30 - 8:45 a.m.	37	2	0	39
8:45 - 9:00 a.m.	51	5	0	56
9:00 - 9:15 a.m.	55	3	0	58
9:15 - 9:30 a.m.	56	3	0	59
9:30 - 9:45 a.m.	34	1	0	35
9:45 - 10:00 a.m.	31	1	0	32
10:00 - 10:15 a.m.	64	3	0	67
10:15 - 10:30 a.m.	47	2	0	49
10:30 - 10:45 a.m.	44	3	0	47

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	46	5	0	51
11:00 - 11:15 a.m.	58	0	0	58
11:15 - 11:30 a.m.	50	0	0	50
11:30 - 11:45 a.m.	44	1	0	45
11:45 - 12:00 p.m.	41	2	0	43
12:00 - 12:15 p.m.	6	1	3	10
12:15 - 12:30 p.m.	9	1	0	10
12:30 - 12:45 p.m.	9	0	0	9
12:45 - 1:00 p.m.	7	1	2	10
1:00 - 1:15 p.m.	11	2	1	14
1:15 - 1:30 p.m.	12	0	2	14
1:30 - 1:45 p.m.	7	0	1	8
1:45 - 2:00 p.m.	9	1	0	10
2:00 - 2:15 p.m.	12	1	0	13
2:15 - 2:30 p.m.	6	2	0	8
2:30 - 2:45 p.m.	9	4	1	14
2:45 - 3:00 p.m.	7	0	2	9
3:00 - 3:15 p.m.	11	2	1	14
3:15 - 3:30 p.m.	17	1	4	22
3:30 - 3:45 p.m.	7	2	2	11
3:45 - 4:00 p.m.	9	2	3	14
4:00 - 4:15 p.m.	13	4	0	17
4:15 - 4:30 p.m.	6	0	1	7
4:30 - 4:45 p.m.	10	0	2	12
4:45 - 5:00 p.m.	6	0	0	6
5:00 - 5:15 p.m.	10	0	1	11
5:15 - 5:30 p.m.	16	0	0	16
5:30 - 5:45 p.m.	6	0	0	6
5:45 - 6:00 p.m.	15	1	1	17
6:00 - 6:15 p.m.	51	1	0	52
6:15 - 6:30 p.m.	51	1	0	52
6:30 - 6:45 p.m.	21	1	0	22
6:45 - 7:00 p.m.	68	0	0	68
7:00 - 7:15 p.m.	40	0	0	40
7:15 - 7:30 p.m.	36	0	0	36
7:30 - 7:45 p.m.	45	0	0	45
7:45 - 8:00 p.m.	38	0	0	38
8:00 - 8:15 p.m.	49	0	0	49
8:15 - 8:30 p.m.	31	0	0	31
8:30 - 8:45 p.m.	37	0	0	37
8:45 - 9:00 p.m.	46	0	0	46
9:00 - 9:15 p.m.	30	0	0	30
9:15 - 9:30 p.m.	46	0	0	46



SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	32	0	0	32
9:45 - 10:00 p.m.	52	0	0	52
10:00 - 10:15 p.m.	43	0	0	43
10:15 - 10:30 p.m.	48	0	0	48
10:30 - 10:45 p.m.	32	0	0	32
10:45 - 11:00 p.m.	22	0	0	22
11:00 - 11:15 p.m.	32	0	0	32
11:15 - 11:30 p.m.	24	0	0	24
11:30 - 11:45 p.m.	35	0	0	35
11:45 - 12:00 a.m.	37	0	0	37
Total	2397	72	27	2496

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From San Miguelito

Hour	Mov 10: Left turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	22	0	0	22
12:15 - 12:30 a.m.	18	0	0	18
12:30 - 12:45 a.m.	14	0	0	14
12:45 - 1:00 a.m.	12	0	0	12
1:00 - 1:15 a.m.	14	0	0	14
1:15 - 1:30 a.m.	12	0	0	12
1:30 - 1:45 a.m.	16	0	0	16
1:45 - 2:00 a.m.	10	0	0	10
2:00 - 2:15 a.m.	10	0	0	10
2:15 - 2:30 a.m.	8	0	0	8
2:30 - 2:45 a.m.	7	0	0	7
2:45 - 3:00 a.m.	10	0	0	10
3:00 - 3:15 a.m.	8	0	0	8
3:15 - 3:30 a.m.	8	0	0	8
3:30 - 3:45 a.m.	6	0	0	6
3:45 - 4:00 a.m.	11	0	0	11
4:00 - 4:15 a.m.	7	0	0	7
4:15 - 4:30 a.m.	11	0	0	11
4:30 - 4:45 a.m.	8	0	0	8
4:45 - 5:00 a.m.	11	0	0	11
5:00 - 5:15 a.m.	16	0	0	16
5:15 - 5:30 a.m.	16	0	0	16
5:30 - 5:45 a.m.	27	0	0	27
5:45 - 6:00 a.m.	16	0	0	16
6:00 - 6:15 a.m.	24	1	0	25
6:15 - 6:30 a.m.	25	1	0	26
6:30 - 6:45 a.m.	32	0	0	32
6:45 - 7:00 a.m.	39	0	0	39
7:00 - 7:15 a.m.	40	0	0	40
7:15 - 7:30 a.m.	40	1	0	41
7:30 - 7:45 a.m.	60	0	0	60
7:45 - 8:00 a.m.	48	0	0	48
8:00 - 8:15 a.m.	55	1	0	56
8:15 - 8:30 a.m.	61	0	0	61
8:30 - 8:45 a.m.	66	3	0	69
8:45 - 9:00 a.m.	59	0	0	59
9:00 - 9:15 a.m.	56	4	0	60
9:15 - 9:30 a.m.	72	1	0	73
9:30 - 9:45 a.m.	61	1	0	62
9:45 - 10:00 a.m.	81	1	0	82
10:00 - 10:15 a.m.	79	4	0	83
10:15 - 10:30 a.m.	60	1	0	61
10:30 - 10:45 a.m.	67	4	0	71

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From San Miguelito

Hour	Mov 10: Left turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	70	1	0	71
11:00 - 11:15 a.m.	66	2	0	68
11:15 - 11:30 a.m.	72	4	0	76
11:30 - 11:45 a.m.	64	1	0	65
11:45 - 12:00 p.m.	46	4	0	50
12:00 - 12:15 p.m.	32	0	0	32
12:15 - 12:30 p.m.	41	1	0	42
12:30 - 12:45 p.m.	35	1	0	36
12:45 - 1:00 p.m.	32	2	0	34
1:00 - 1:15 p.m.	35	1	0	36
1:15 - 1:30 p.m.	42	1	0	43
1:30 - 1:45 p.m.	51	2	0	53
1:45 - 2:00 p.m.	43	2	0	45
2:00 - 2:15 p.m.	29	3	0	32
2:15 - 2:30 p.m.	35	3	0	38
2:30 - 2:45 p.m.	51	2	0	53
2:45 - 3:00 p.m.	56	1	0	57
3:00 - 3:15 p.m.	32	3	0	35
3:15 - 3:30 p.m.	34	1	0	35
3:30 - 3:45 p.m.	42	1	0	43
3:45 - 4:00 p.m.	53	2	0	55
4:00 - 4:15 p.m.	27	2	0	29
4:15 - 4:30 p.m.	37	1	0	38
4:30 - 4:45 p.m.	23	2	0	25
4:45 - 5:00 p.m.	28	1	0	29
5:00 - 5:15 p.m.	52	3	0	55
5:15 - 5:30 p.m.	30	2	0	32
5:30 - 5:45 p.m.	29	3	0	32
5:45 - 6:00 p.m.	21	2	0	23
6:00 - 6:15 p.m.	20	1	0	21
6:15 - 6:30 p.m.	47	0	0	47
6:30 - 6:45 p.m.	58	0	0	58
6:45 - 7:00 p.m.	43	0	0	43
7:00 - 7:15 p.m.	53	0	0	53
7:15 - 7:30 p.m.	33	0	0	33
7:30 - 7:45 p.m.	51	2	0	53
7:45 - 8:00 p.m.	30	0	0	30
8:00 - 8:15 p.m.	54	0	0	54
8:15 - 8:30 p.m.	42	0	0	42
8:30 - 8:45 p.m.	64	0	0	64
8:45 - 9:00 p.m.	49	0	0	49
9:00 - 9:15 p.m.	57	0	0	57
9:15 - 9:30 p.m.	50	0	0	50

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From San Miguelito

Hour	Mov 10: Left turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	41	0	0	41
9:45 - 10:00 p.m.	36	0	0	36
10:00 - 10:15 p.m.	44	0	0	44
10:15 - 10:30 p.m.	38	0	0	38
10:30 - 10:45 p.m.	34	1	0	35
10:45 - 11:00 p.m.	31	0	0	31
11:00 - 11:15 p.m.	27	0	0	27
11:15 - 11:30 p.m.	21	0	0	21
11:30 - 11:45 p.m.	29	0	0	29
11:45 - 12:00 a.m.	25	0	0	25
Total	3508	81	0	3589

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	88	2	0	90
12:15 - 12:30 a.m.	141	0	0	141
12:30 - 12:45 a.m.	157	5	0	162
12:45 - 1:00 a.m.	125	0	0	125
1:00 - 1:15 a.m.	136	5	0	141
1:15 - 1:30 a.m.	81	1	0	82
1:30 - 1:45 a.m.	115	4	0	119
1:45 - 2:00 a.m.	89	1	0	90
2:00 - 2:15 a.m.	75	4	0	79
2:15 - 2:30 a.m.	85	2	0	87
2:30 - 2:45 a.m.	84	1	0	85
2:45 - 3:00 a.m.	81	4	0	85
3:00 - 3:15 a.m.	71	4	0	75
3:15 - 3:30 a.m.	86	6	0	92
3:30 - 3:45 a.m.	60	4	0	64
3:45 - 4:00 a.m.	76	4	0	80
4:00 - 4:15 a.m.	99	5	0	104
4:15 - 4:30 a.m.	85	5	0	90
4:30 - 4:45 a.m.	90	8	0	98
4:45 - 5:00 a.m.	115	13	0	128
5:00 - 5:15 a.m.	128	15	0	143
5:15 - 5:30 a.m.	150	10	0	160
5:30 - 5:45 a.m.	174	27	0	201
5:45 - 6:00 a.m.	215	25	0	240
6:00 - 6:15 a.m.	163	24	0	187
6:15 - 6:30 a.m.	291	25	0	316
6:30 - 6:45 a.m.	234	47	0	281
6:45 - 7:00 a.m.	312	28	0	340
7:00 - 7:15 a.m.	422	37	0	459
7:15 - 7:30 a.m.	367	30	0	397
7:30 - 7:45 a.m.	391	34	0	425
7:45 - 8:00 a.m.	415	46	0	461
8:00 - 8:15 a.m.	428	30	0	458
8:15 - 8:30 a.m.	421	36	0	457
8:30 - 8:45 a.m.	388	39	0	427
8:45 - 9:00 a.m.	405	34	0	439
9:00 - 9:15 a.m.	407	34	0	441
9:15 - 9:30 a.m.	388	44	0	432
9:30 - 9:45 a.m.	328	36	0	364
9:45 - 10:00 a.m.	333	43	0	376
10:00 - 10:15 a.m.	355	23	0	378
10:15 - 10:30 a.m.	429	29	0	458
10:30 - 10:45 a.m.	355	36	0	391

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	372	35	0	407
11:00 - 11:15 a.m.	397	38	0	435
11:15 - 11:30 a.m.	369	43	0	412
11:30 - 11:45 a.m.	352	32	0	384
11:45 - 12:00 p.m.	373	38	0	411
12:00 - 12:15 p.m.	180	8	0	188
12:15 - 12:30 p.m.	246	17	0	263
12:30 - 12:45 p.m.	238	10	0	248
12:45 - 1:00 p.m.	242	17	0	259
1:00 - 1:15 p.m.	295	19	0	314
1:15 - 1:30 p.m.	242	20	0	262
1:30 - 1:45 p.m.	261	26	0	287
1:45 - 2:00 p.m.	251	15	0	266
2:00 - 2:15 p.m.	289	23	0	312
2:15 - 2:30 p.m.	275	20	0	295
2:30 - 2:45 p.m.	282	23	0	305
2:45 - 3:00 p.m.	410	18	0	428
3:00 - 3:15 p.m.	446	17	0	463
3:15 - 3:30 p.m.	396	20	0	416
3:30 - 3:45 p.m.	346	18	0	364
3:45 - 4:00 p.m.	415	15	0	430
4:00 - 4:15 p.m.	364	13	0	377
4:15 - 4:30 p.m.	405	17	0	422
4:30 - 4:45 p.m.	390	18	0	408
4:45 - 5:00 p.m.	318	17	0	335
5:00 - 5:15 p.m.	365	19	0	384
5:15 - 5:30 p.m.	390	18	0	408
5:30 - 5:45 p.m.	377	17	0	394
5:45 - 6:00 p.m.	370	17	0	387
6:00 - 6:15 p.m.	374	24	0	398
6:15 - 6:30 p.m.	375	25	0	400
6:30 - 6:45 p.m.	328	19	0	347
6:45 - 7:00 p.m.	334	18	0	352
7:00 - 7:15 p.m.	443	21	0	464
7:15 - 7:30 p.m.	328	16	0	344
7:30 - 7:45 p.m.	421	12	0	433
7:45 - 8:00 p.m.	352	17	0	369
8:00 - 8:15 p.m.	287	14	0	301
8:15 - 8:30 p.m.	331	12	0	343
8:30 - 8:45 p.m.	296	15	0	311
8:45 - 9:00 p.m.	383	9	0	392
9:00 - 9:15 p.m.	336	9	0	345
9:15 - 9:30 p.m.	274	14	0	288

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	348	12	0	360
9:45 - 10:00 p.m.	208	10	0	218
10:00 - 10:15 p.m.	249	20	1	270
10:15 - 10:30 p.m.	258	9	0	267
10:30 - 10:45 p.m.	265	11	1	277
10:45 - 11:00 p.m.	255	8	0	263
11:00 - 11:15 p.m.	249	12	0	261
11:15 - 11:30 p.m.	264	12	1	277
11:30 - 11:45 p.m.	179	12	0	191
11:45 - 12:00 a.m.	193	8	0	201
Total	26424	1757	3	28184

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	3	0	1	4
12:15 - 12:30 a.m.	2	0	0	2
12:30 - 12:45 a.m.	0	0	2	2
12:45 - 1:00 a.m.	1	0	0	1
1:00 - 1:15 a.m.	1	0	1	2
1:15 - 1:30 a.m.	1	0	1	2
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	2	0	0	2
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	0	1	1
2:45 - 3:00 a.m.	1	0	0	1
3:00 - 3:15 a.m.	1	0	0	1
3:15 - 3:30 a.m.	2	0	0	2
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	1	0	0	1
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	2	0	0	2
4:30 - 4:45 a.m.	1	1	0	2
4:45 - 5:00 a.m.	4	1	0	5
5:00 - 5:15 a.m.	6	0	0	6
5:15 - 5:30 a.m.	1	0	0	1
5:30 - 5:45 a.m.	6	0	0	6
5:45 - 6:00 a.m.	5	2	0	7
6:00 - 6:15 a.m.	3	0	0	3
6:15 - 6:30 a.m.	5	1	0	6
6:30 - 6:45 a.m.	9	3	0	12
6:45 - 7:00 a.m.	19	1	0	20
7:00 - 7:15 a.m.	9	2	0	11
7:15 - 7:30 a.m.	14	1	0	15
7:30 - 7:45 a.m.	14	4	0	18
7:45 - 8:00 a.m.	27	2	0	29
8:00 - 8:15 a.m.	29	1	0	30
8:15 - 8:30 a.m.	25	2	0	27
8:30 - 8:45 a.m.	35	4	1	40
8:45 - 9:00 a.m.	15	9	2	26
9:00 - 9:15 a.m.	15	7	1	23
9:15 - 9:30 a.m.	8	3	0	11
9:30 - 9:45 a.m.	25	5	2	32
9:45 - 10:00 a.m.	12	2	2	16
10:00 - 10:15 a.m.	22	2	7	31
10:15 - 10:30 a.m.	30	4	8	42
10:30 - 10:45 a.m.	23	5	3	31



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	21	4	4	29
11:00 - 11:15 a.m.	34	4	7	45
11:15 - 11:30 a.m.	25	2	4	31
11:30 - 11:45 a.m.	35	4	5	44
11:45 - 12:00 p.m.	36	6	7	49
12:00 - 12:15 p.m.	9	7	0	16
12:15 - 12:30 p.m.	8	5	0	13
12:30 - 12:45 p.m.	5	4	1	10
12:45 - 1:00 p.m.	16	9	0	25
1:00 - 1:15 p.m.	35	24	2	61
1:15 - 1:30 p.m.	36	36	1	73
1:30 - 1:45 p.m.	2	1	1	4
1:45 - 2:00 p.m.	30	4	0	34
2:00 - 2:15 p.m.	25	3	1	29
2:15 - 2:30 p.m.	25	1	1	27
2:30 - 2:45 p.m.	0	3	2	5
2:45 - 3:00 p.m.	16	2	0	18
3:00 - 3:15 p.m.	8	0	2	10
3:15 - 3:30 p.m.	13	0	9	22
3:30 - 3:45 p.m.	9	3	2	14
3:45 - 4:00 p.m.	10	3	0	13
4:00 - 4:15 p.m.	10	5	4	19
4:15 - 4:30 p.m.	9	0	1	10
4:30 - 4:45 p.m.	44	1	0	45
4:45 - 5:00 p.m.	12	1	0	13
5:00 - 5:15 p.m.	30	2	1	33
5:15 - 5:30 p.m.	10	9	1	20
5:30 - 5:45 p.m.	28	3	1	32
5:45 - 6:00 p.m.	25	2	2	29
6:00 - 6:15 p.m.	15	0	0	15
6:15 - 6:30 p.m.	22	0	0	22
6:30 - 6:45 p.m.	31	0	1	32
6:45 - 7:00 p.m.	40	0	1	41
7:00 - 7:15 p.m.	41	0	3	44
7:15 - 7:30 p.m.	17	0	0	17
7:30 - 7:45 p.m.	24	1	3	28
7:45 - 8:00 p.m.	10	2	1	13
8:00 - 8:15 p.m.	20	0	0	20
8:15 - 8:30 p.m.	9	0	1	10
8:30 - 8:45 p.m.	11	0	0	11
8:45 - 9:00 p.m.	7	0	2	9
9:00 - 9:15 p.m.	7	0	0	7
9:15 - 9:30 p.m.	10	1	0	11

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)  
 Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	8	0	0	8
9:45 - 10:00 p.m.	5	0	0	5
10:00 - 10:15 p.m.	7	0	0	7
10:15 - 10:30 p.m.	4	0	0	4
10:30 - 10:45 p.m.	1	0	0	1
10:45 - 11:00 p.m.	4	0	1	5
11:00 - 11:15 p.m.	3	0	0	3
11:15 - 11:30 p.m.	1	0	0	1
11:30 - 11:45 p.m.	1	0	1	2
11:45 - 12:00 a.m.	5	0	1	6
Total	1249	214	106	1569

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 26, 2002 (Saturday)

Hour	Movement												Total
	1	2	3	4	5	6	7	8	9	10	11	12	
12:00 - 1:00 a.m.	9	12	20	1	651	40	44	7	83	66	518	9	1460
1:00 - 2:00 a.m.	2	4	3	4	496	46	24	8	75	52	432	4	1150
2:00 - 3:00 a.m.	5	5	8	4	414	34	14	4	46	35	336	4	909
3:00 - 4:00 a.m.	2	0	3	1	389	27	16	2	46	33	311	4	834
4:00 - 5:00 a.m.	5	1	3	5	363	25	16	2	32	37	420	10	919
5:00 - 6:00 a.m.	8	8	3	7	311	30	11	6	52	75	744	20	1275
6:00 - 7:00 a.m.	31	18	18	15	260	27	36	41	63	122	1124	41	1796
7:00 - 8:00 a.m.	38	71	16	28	424	43	92	36	104	189	1742	73	2856
8:00 - 9:00 a.m.	61	83	37	40	556	93	149	58	170	245	1781	123	3396
9:00 - 10:00 a.m.	67	96	27	62	693	109	165	65	184	277	1613	82	3440
10:00 - 11:00 a.m.	62	85	89	67	815	180	186	73	214	286	1634	133	3824
11:00 - 12:00 p.m.	74	82	46	71	840	142	162	81	196	259	1642	169	3764
12:00 - 1:00 p.m.	106	69	32	38	1255	114	42	178	39	144	958	64	3039
1:00 - 2:00 p.m.	79	78	44	56	1779	120	29	118	46	177	1129	172	3827
2:00 - 3:00 p.m.	93	71	25	41	1820	157	39	124	44	180	1340	79	4013
3:00 - 4:00 p.m.	72	61	14	39	1705	86	38	91	61	168	1673	59	4067
4:00 - 5:00 p.m.	87	72	49	34	5102	155	34	86	42	121	1542	87	7411
5:00 - 6:00 p.m.	91	66	65	43	1606	131	30	99	50	142	1573	114	4010
6:00 - 7:00 p.m.	72	47	39	55	1382	98	118	100	194	169	1497	110	3881
7:00 - 8:00 p.m.	66	41	26	65	1499	96	97	129	159	169	1610	102	4059
8:00 - 9:00 p.m.	29	23	15	35	1172	77	76	76	163	209	1347	50	3272
9:00 - 10:00 p.m.	39	21	12	7	1127	69	71	23	160	184	1211	31	2955
10:00 - 11:00 p.m.	199	96	107	8	956	46	66	23	145	148	1077	17	2888
11:00 - 12:00 a.m.	28	14	15	6	914	63	37	16	128	102	930	12	2265
Total	1325	1124	716	732	26529	2008	1592	1446	2496	3589	28184	1569	71310

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	1	0	1
12:15 - 12:30 a.m.	1	1	0	2
12:30 - 12:45 a.m.	4	0	0	4
12:45 - 1:00 a.m.	0	0	0	0
1:00 - 1:15 a.m.	1	1	0	2
1:15 - 1:30 a.m.	1	0	0	1
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	1	0	0	1
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	1	0	0	1
2:30 - 2:45 a.m.	1	0	0	1
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	2	0	0	2
4:00 - 4:15 a.m.	2	0	0	2
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	2	0	0	2
4:45 - 5:00 a.m.	3	0	0	3
5:00 - 5:15 a.m.	3	0	0	3
5:15 - 5:30 a.m.	1	0	0	1
5:30 - 5:45 a.m.	1	0	0	1
5:45 - 6:00 a.m.	2	0	0	2
6:00 - 6:15 a.m.	0	1	1	2
6:15 - 6:30 a.m.	1	0	1	2
6:30 - 6:45 a.m.	0	0	0	0
6:45 - 7:00 a.m.	2	0	0	2
7:00 - 7:15 a.m.	1	1	1	3
7:15 - 7:30 a.m.	2	0	0	2
7:30 - 7:45 a.m.	3	0	1	4
7:45 - 8:00 a.m.	3	0	0	3
8:00 - 8:15 a.m.	10	1	2	13
8:15 - 8:30 a.m.	0	0	0	0
8:30 - 8:45 a.m.	1	0	0	1
8:45 - 9:00 a.m.	1	1	0	2
9:00 - 9:15 a.m.	4	0	2	6
9:15 - 9:30 a.m.	2	0	2	4
9:30 - 9:45 a.m.	3	2	2	7
9:45 - 10:00 a.m.	4	1	2	7
10:00 - 10:15 a.m.	0	0	0	0
10:15 - 10:30 a.m.	2	4	0	6
10:30 - 10:45 a.m.	12	1	1	14

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	6	0	0	6
11:00 - 11:15 a.m.	7	0	0	7
11:15 - 11:30 a.m.	0	0	0	0
11:30 - 11:45 a.m.	8	0	0	8
11:45 - 12:00 p.m.	8	1	0	9
12:00 - 12:15 p.m.	4	2	1	7
12:15 - 12:30 p.m.	7	0	0	7
12:30 - 12:45 p.m.	12	0	1	13
12:45 - 1:00 p.m.	5	2	0	7
1:00 - 1:15 p.m.	12	0	0	12
1:15 - 1:30 p.m.	2	0	0	2
1:30 - 1:45 p.m.	5	1	1	7
1:45 - 2:00 p.m.	1	0	0	1
2:00 - 2:15 p.m.	5	1	0	6
2:15 - 2:30 p.m.	6	1	0	7
2:30 - 2:45 p.m.	4	0	0	4
2:45 - 3:00 p.m.	6	2	0	8
3:00 - 3:15 p.m.	0	0	0	0
3:15 - 3:30 p.m.	5	0	0	5
3:30 - 3:45 p.m.	4	1	1	6
3:45 - 4:00 p.m.	11	0	0	11
4:00 - 4:15 p.m.	10	0	0	10
4:15 - 4:30 p.m.	8	0	0	8
4:30 - 4:45 p.m.	7	0	1	8
4:45 - 5:00 p.m.	20	0	1	21
5:00 - 5:15 p.m.	6	1	0	7
5:15 - 5:30 p.m.	13	2	0	15
5:30 - 5:45 p.m.	6	0	1	7
5:45 - 6:00 p.m.	12	0	0	12
6:00 - 6:15 p.m.	0	0	0	0
6:15 - 6:30 p.m.	22	0	0	22
6:30 - 6:45 p.m.	17	0	2	19
6:45 - 7:00 p.m.	11	0	1	12
7:00 - 7:15 p.m.	12	0	0	12
7:15 - 7:30 p.m.	20	1	0	21
7:30 - 7:45 p.m.	18	0	0	18
7:45 - 8:00 p.m.	20	0	0	20
8:00 - 8:15 p.m.	17	0	1	18
8:15 - 8:30 p.m.	12	0	0	12
8:30 - 8:45 p.m.	12	0	0	12
8:45 - 9:00 p.m.	14	0	2	16
9:00 - 9:15 p.m.	7	0	0	7
9:15 - 9:30 p.m.	6	0	0	6

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From Patacon

Hour	Mov 1: Left turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	28	0	1	29
9:45 - 10:00 p.m.	85	0	2	87
10:00 - 10:15 p.m.	45	0	1	46
10:15 - 10:30 p.m.	30	0	0	30
10:30 - 10:45 p.m.	12	0	0	12
10:45 - 11:00 p.m.	4	0	0	4
11:00 - 11:15 p.m.	4	0	0	4
11:15 - 11:30 p.m.	1	0	1	2
11:30 - 11:45 p.m.	0	0	0	0
11:45 - 12:00 a.m.	1	0	0	1
Total	675	30	33	738

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	0	0	0
12:15 - 12:30 a.m.	3	0	0	3
12:30 - 12:45 a.m.	1	0	0	1
12:45 - 1:00 a.m.	1	0	1	2
1:00 - 1:15 a.m.	0	0	5	5
1:15 - 1:30 a.m.	0	0	1	1
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	0	0	1	1
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	2	0	2
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	1	1
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	1	1	0	2
4:15 - 4:30 a.m.	3	0	0	3
4:30 - 4:45 a.m.	0	0	0	0
4:45 - 5:00 a.m.	0	0	0	0
5:00 - 5:15 a.m.	0	0	0	0
5:15 - 5:30 a.m.	1	0	0	1
5:30 - 5:45 a.m.	0	0	0	0
5:45 - 6:00 a.m.	0	0	1	1
6:00 - 6:15 a.m.	0	0	0	0
6:15 - 6:30 a.m.	2	0	0	2
6:30 - 6:45 a.m.	1	0	0	1
6:45 - 7:00 a.m.	3	1	0	4
7:00 - 7:15 a.m.	2	0	0	2
7:15 - 7:30 a.m.	0	0	1	1
7:30 - 7:45 a.m.	4	0	1	5
7:45 - 8:00 a.m.	1	0	0	1
8:00 - 8:15 a.m.	1	0	0	1
8:15 - 8:30 a.m.	4	0	1	5
8:30 - 8:45 a.m.	4	0	0	4
8:45 - 9:00 a.m.	0	0	0	0
9:00 - 9:15 a.m.	2	0	0	2
9:15 - 9:30 a.m.	1	0	0	1
9:30 - 9:45 a.m.	1	0	0	1
9:45 - 10:00 a.m.	2	1	0	3
10:00 - 10:15 a.m.	1	0	0	1
10:15 - 10:30 a.m.	2	0	1	3
10:30 - 10:45 a.m.	5	1	0	6

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	2	0	2	4
11:00 - 11:15 a.m.	2	0	1	3
11:15 - 11:30 a.m.	4	0	0	4
11:30 - 11:45 a.m.	3	1	0	4
11:45 - 12:00 p.m.	5	0	0	5
12:00 - 12:15 p.m.	8	0	0	8
12:15 - 12:30 p.m.	3	0	0	3
12:30 - 12:45 p.m.	5	1	2	8
12:45 - 1:00 p.m.	5	0	3	8
1:00 - 1:15 p.m.	5	0	1	6
1:15 - 1:30 p.m.	9	1	2	12
1:30 - 1:45 p.m.	7	0	0	7
1:45 - 2:00 p.m.	4	0	3	7
2:00 - 2:15 p.m.	2	0	2	4
2:15 - 2:30 p.m.	2	0	1	3
2:30 - 2:45 p.m.	5	0	1	6
2:45 - 3:00 p.m.	4	1	2	7
3:00 - 3:15 p.m.	2	0	0	2
3:15 - 3:30 p.m.	4	0	3	7
3:30 - 3:45 p.m.	2	0	3	5
3:45 - 4:00 p.m.	2	1	2	5
4:00 - 4:15 p.m.	3	0	1	4
4:15 - 4:30 p.m.	3	0	0	3
4:30 - 4:45 p.m.	3	3	1	7
4:45 - 5:00 p.m.	8	0	0	8
5:00 - 5:15 p.m.	4	0	1	5
5:15 - 5:30 p.m.	8	0	1	9
5:30 - 5:45 p.m.	13	0	2	15
5:45 - 6:00 p.m.	7	0	0	7
6:00 - 6:15 p.m.	5	0	0	5
6:15 - 6:30 p.m.	16	0	0	16
6:30 - 6:45 p.m.	17	1	1	19
6:45 - 7:00 p.m.	19	2	1	22
7:00 - 7:15 p.m.	17	1	1	19
7:15 - 7:30 p.m.	17	2	1	20
7:30 - 7:45 p.m.	11	1	0	12
7:45 - 8:00 p.m.	12	0	1	13
8:00 - 8:15 p.m.	11	2	0	13
8:15 - 8:30 p.m.	17	1	0	18
8:30 - 8:45 p.m.	16	0	0	16
8:45 - 9:00 p.m.	14	2	0	16
9:00 - 9:15 p.m.	7	0	1	8
9:15 - 9:30 p.m.	8	0	0	8



SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From Patacon

Hour	Mov 2: Thru to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	10	1	0	11
9:45 - 10:00 p.m.	35	2	0	37
10:00 - 10:15 p.m.	30	1	1	32
10:15 - 10:30 p.m.	26	0	0	26
10:30 - 10:45 p.m.	21	0	0	21
10:45 - 11:00 p.m.	3	0	0	3
11:00 - 11:15 p.m.	4	0	2	6
11:15 - 11:30 p.m.	2	2	1	5
11:30 - 11:45 p.m.	3	1	0	4
11:45 - 12:00 a.m.	1	0	0	1
Total	502	33	58	593

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	0	0	0
12:15 - 12:30 a.m.	3	0	1	4
12:30 - 12:45 a.m.	1	0	0	1
12:45 - 1:00 a.m.	4	0	1	5
1:00 - 1:15 a.m.	0	0	1	1
1:15 - 1:30 a.m.	2	0	0	2
1:30 - 1:45 a.m.	2	0	0	2
1:45 - 2:00 a.m.	0	0	0	0
2:00 - 2:15 a.m.	1	0	0	1
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	0	1	1
2:45 - 3:00 a.m.	1	0	0	1
3:00 - 3:15 a.m.	0	0	1	1
3:15 - 3:30 a.m.	1	0	0	1
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	0	0	1	1
4:00 - 4:15 a.m.	2	0	1	3
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	3	0	1	4
4:45 - 5:00 a.m.	2	0	0	2
5:00 - 5:15 a.m.	4	0	0	4
5:15 - 5:30 a.m.	1	0	0	1
5:30 - 5:45 a.m.	0	0	0	0
5:45 - 6:00 a.m.	0	0	0	0
6:00 - 6:15 a.m.	0	0	0	0
6:15 - 6:30 a.m.	1	0	0	1
6:30 - 6:45 a.m.	2	0	0	2
6:45 - 7:00 a.m.	0	0	0	0
7:00 - 7:15 a.m.	0	0	0	0
7:15 - 7:30 a.m.	3	0	0	3
7:30 - 7:45 a.m.	3	1	1	5
7:45 - 8:00 a.m.	1	0	0	1
8:00 - 8:15 a.m.	1	0	0	1
8:15 - 8:30 a.m.	1	0	0	1
8:30 - 8:45 a.m.	1	0	1	2
8:45 - 9:00 a.m.	0	0	1	1
9:00 - 9:15 a.m.	0	1	0	1
9:15 - 9:30 a.m.	1	0	0	1
9:30 - 9:45 a.m.	2	1	0	3
9:45 - 10:00 a.m.	3	0	1	4
10:00 - 10:15 a.m.	2	1	0	3
10:15 - 10:30 a.m.	4	1	0	5
10:30 - 10:45 a.m.	4	3	2	9

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	2	1	0	3
11:00 - 11:15 a.m.	2	1	1	4
11:15 - 11:30 a.m.	5	0	2	7
11:30 - 11:45 a.m.	3	0	2	5
11:45 - 12:00 p.m.	3	2	1	6
12:00 - 12:15 p.m.	1	0	1	2
12:15 - 12:30 p.m.	6	0	1	7
12:30 - 12:45 p.m.	7	1	1	9
12:45 - 1:00 p.m.	6	2	0	8
1:00 - 1:15 p.m.	5	0	0	5
1:15 - 1:30 p.m.	5	0	1	6
1:30 - 1:45 p.m.	5	0	1	6
1:45 - 2:00 p.m.	0	0	1	1
2:00 - 2:15 p.m.	0	0	1	1
2:15 - 2:30 p.m.	0	0	0	0
2:30 - 2:45 p.m.	2	1	0	3
2:45 - 3:00 p.m.	2	0	1	3
3:00 - 3:15 p.m.	2	0	0	2
3:15 - 3:30 p.m.	8	0	0	8
3:30 - 3:45 p.m.	4	0	3	7
3:45 - 4:00 p.m.	5	0	0	5
4:00 - 4:15 p.m.	5	0	0	5
4:15 - 4:30 p.m.	0	0	0	0
4:30 - 4:45 p.m.	2	0	0	2
4:45 - 5:00 p.m.	5	0	1	6
5:00 - 5:15 p.m.	2	0	1	3
5:15 - 5:30 p.m.	1	1	0	2
5:30 - 5:45 p.m.	8	0	0	8
5:45 - 6:00 p.m.	0	1	0	1
6:00 - 6:15 p.m.	12	0	0	12
6:15 - 6:30 p.m.	3	1	0	4
6:30 - 6:45 p.m.	9	0	0	9
6:45 - 7:00 p.m.	21	0	0	21
7:00 - 7:15 p.m.	3	0	0	3
7:15 - 7:30 p.m.	5	2	0	7
7:30 - 7:45 p.m.	5	0	0	5
7:45 - 8:00 p.m.	9	0	0	9
8:00 - 8:15 p.m.	2	0	0	2
8:15 - 8:30 p.m.	1	0	0	1
8:30 - 8:45 p.m.	2	0	0	2
8:45 - 9:00 p.m.	2	0	1	3
9:00 - 9:15 p.m.	3	0	0	3
9:15 - 9:30 p.m.	1	0	1	2

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From Patacon

Hour	Mov 3: Right turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	2	0	0	2
9:45 - 10:00 p.m.	48	1	2	51
10:00 - 10:15 p.m.	66	2	1	69
10:15 - 10:30 p.m.	19	0	1	20
10:30 - 10:45 p.m.	3	0	0	3
10:45 - 11:00 p.m.	3	0	0	3
11:00 - 11:15 p.m.	0	0	1	1
11:15 - 11:30 p.m.	0	0	0	0
11:30 - 11:45 p.m.	0	0	1	1
11:45 - 12:00 a.m.	1	1	0	2
Total	373	25	41	439

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	0	0	0	0
12:15 - 12:30 a.m.	0	0	0	0
12:30 - 12:45 a.m.	3	0	0	3
12:45 - 1:00 a.m.	1	0	0	1
1:00 - 1:15 a.m.	2	0	0	2
1:15 - 1:30 a.m.	1	0	0	1
1:30 - 1:45 a.m.	0	0	1	1
1:45 - 2:00 a.m.	2	0	0	2
2:00 - 2:15 a.m.	0	0	1	1
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	1	0	0	1
3:00 - 3:15 a.m.	1	0	0	1
3:15 - 3:30 a.m.	3	0	0	3
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	1	0	0	1
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	1	0	0	1
4:45 - 5:00 a.m.	2	0	0	2
5:00 - 5:15 a.m.	0	0	0	0
5:15 - 5:30 a.m.	0	0	0	0
5:30 - 5:45 a.m.	2	0	0	2
5:45 - 6:00 a.m.	3	0	0	3
6:00 - 6:15 a.m.	0	0	0	0
6:15 - 6:30 a.m.	2	1	0	3
6:30 - 6:45 a.m.	1	0	0	1
6:45 - 7:00 a.m.	3	1	0	4
7:00 - 7:15 a.m.	1	0	1	2
7:15 - 7:30 a.m.	1	0	1	2
7:30 - 7:45 a.m.	1	0	0	1
7:45 - 8:00 a.m.	1	0	0	1
8:00 - 8:15 a.m.	1	0	0	1
8:15 - 8:30 a.m.	0	0	0	0
8:30 - 8:45 a.m.	3	0	1	4
8:45 - 9:00 a.m.	1	1	0	2
9:00 - 9:15 a.m.	1	0	0	1
9:15 - 9:30 a.m.	1	2	1	4
9:30 - 9:45 a.m.	3	0	1	4
9:45 - 10:00 a.m.	3	4	2	9
10:00 - 10:15 a.m.	3	0	1	4
10:15 - 10:30 a.m.	11	1	0	12
10:30 - 10:45 a.m.	6	1	2	9

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	2	1	0	3
11:00 - 11:15 a.m.	4	1	0	5
11:15 - 11:30 a.m.	1	1	0	2
11:30 - 11:45 a.m.	6	1	0	7
11:45 - 12:00 p.m.	2	0	2	4
12:00 - 12:15 p.m.	7	0	0	7
12:15 - 12:30 p.m.	6	1	1	8
12:30 - 12:45 p.m.	4	1	0	5
12:45 - 1:00 p.m.	7	1	0	8
1:00 - 1:15 p.m.	1	0	1	2
1:15 - 1:30 p.m.	0	0	1	1
1:30 - 1:45 p.m.	14	0	1	15
1:45 - 2:00 p.m.	9	1	0	10
2:00 - 2:15 p.m.	5	0	0	5
2:15 - 2:30 p.m.	8	0	0	8
2:30 - 2:45 p.m.	10	0	0	10
2:45 - 3:00 p.m.	5	1	0	6
3:00 - 3:15 p.m.	5	0	2	7
3:15 - 3:30 p.m.	5	0	0	5
3:30 - 3:45 p.m.	2	0	1	3
3:45 - 4:00 p.m.	1	0	1	2
4:00 - 4:15 p.m.	11	0	0	11
4:15 - 4:30 p.m.	2	0	0	2
4:30 - 4:45 p.m.	5	1	1	7
4:45 - 5:00 p.m.	2	2	1	5
5:00 - 5:15 p.m.	6	1	1	8
5:15 - 5:30 p.m.	9	2	0	11
5:30 - 5:45 p.m.	3	0	0	3
5:45 - 6:00 p.m.	6	0	0	6
6:00 - 6:15 p.m.	8	0	0	8
6:15 - 6:30 p.m.	16	0	1	17
6:30 - 6:45 p.m.	18	1	0	19
6:45 - 7:00 p.m.	22	1	0	23
7:00 - 7:15 p.m.	21	1	1	23
7:15 - 7:30 p.m.	12	0	0	12
7:30 - 7:45 p.m.	20	1	0	21
7:45 - 8:00 p.m.	13	0	0	13
8:00 - 8:15 p.m.	3	1	0	4
8:15 - 8:30 p.m.	1	0	0	1
8:30 - 8:45 p.m.	2	0	0	2
8:45 - 9:00 p.m.	1	0	1	2
9:00 - 9:15 p.m.	3	0	1	4
9:15 - 9:30 p.m.	2	0	1	3

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From El Dorado

Hour	Mov 4: Left turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	4	0	0	4
9:45 - 10:00 p.m.	2	0	0	2
10:00 - 10:15 p.m.	1	0	0	1
10:15 - 10:30 p.m.	1	0	0	1
10:30 - 10:45 p.m.	0	0	0	0
10:45 - 11:00 p.m.	1	0	0	1
11:00 - 11:15 p.m.	0	0	1	1
11:15 - 11:30 p.m.	0	0	0	0
11:30 - 11:45 p.m.	0	0	0	0
11:45 - 12:00 a.m.	2	0	1	3
Total	367	31	32	430

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	40	2	0	42
12:15 - 12:30 a.m.	189	2	0	191
12:30 - 12:45 a.m.	225	2	0	227
12:45 - 1:00 a.m.	139	1	0	140
1:00 - 1:15 a.m.	181	5	0	186
1:15 - 1:30 a.m.	155	3	0	158
1:30 - 1:45 a.m.	118	5	0	123
1:45 - 2:00 a.m.	141	0	0	141
2:00 - 2:15 a.m.	129	3	0	132
2:15 - 2:30 a.m.	99	2	0	101
2:30 - 2:45 a.m.	118	1	0	119
2:45 - 3:00 a.m.	94	0	0	94
3:00 - 3:15 a.m.	166	0	0	166
3:15 - 3:30 a.m.	65	0	0	65
3:30 - 3:45 a.m.	82	1	0	83
3:45 - 4:00 a.m.	80	0	0	80
4:00 - 4:15 a.m.	77	3	0	80
4:15 - 4:30 a.m.	98	2	0	100
4:30 - 4:45 a.m.	67	6	0	73
4:45 - 5:00 a.m.	45	4	0	49
5:00 - 5:15 a.m.	65	2	0	67
5:15 - 5:30 a.m.	62	1	0	63
5:30 - 5:45 a.m.	64	5	0	69
5:45 - 6:00 a.m.	83	10	0	93
6:00 - 6:15 a.m.	49	4	0	53
6:15 - 6:30 a.m.	83	5	0	88
6:30 - 6:45 a.m.	97	4	0	101
6:45 - 7:00 a.m.	85	14	0	99
7:00 - 7:15 a.m.	94	5	0	99
7:15 - 7:30 a.m.	134	8	0	142
7:30 - 7:45 a.m.	97	1	0	98
7:45 - 8:00 a.m.	113	14	0	127
8:00 - 8:15 a.m.	157	11	1	169
8:15 - 8:30 a.m.	127	14	0	141
8:30 - 8:45 a.m.	191	12	0	203
8:45 - 9:00 a.m.	130	10	1	141
9:00 - 9:15 a.m.	160	10	0	170
9:15 - 9:30 a.m.	179	11	0	190
9:30 - 9:45 a.m.	156	6	1	163
9:45 - 10:00 a.m.	202	13	1	216
10:00 - 10:15 a.m.	259	13	2	274
10:15 - 10:30 a.m.	195	8	0	203
10:30 - 10:45 a.m.	255	13	1	269



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	249	12	0	261
11:00 - 11:15 a.m.	254	8	0	262
11:15 - 11:30 a.m.	200	3	0	203
11:30 - 11:45 a.m.	0	12	0	12
11:45 - 12:00 p.m.	219	13	0	232
12:00 - 12:15 p.m.	45	0	0	45
12:15 - 12:30 p.m.	228	4	0	232
12:30 - 12:45 p.m.	154	13	0	167
12:45 - 1:00 p.m.	166	0	14	180
1:00 - 1:15 p.m.	192	0	13	205
1:15 - 1:30 p.m.	159	0	13	172
1:30 - 1:45 p.m.	144	0	12	156
1:45 - 2:00 p.m.	109	0	12	121
2:00 - 2:15 p.m.	207	16	0	223
2:15 - 2:30 p.m.	142	13	0	155
2:30 - 2:45 p.m.	123	13	0	136
2:45 - 3:00 p.m.	198	19	0	217
3:00 - 3:15 p.m.	159	9	0	168
3:15 - 3:30 p.m.	143	13	0	156
3:30 - 3:45 p.m.	153	9	0	162
3:45 - 4:00 p.m.	166	4	0	170
4:00 - 4:15 p.m.	147	3	0	150
4:15 - 4:30 p.m.	164	15	0	179
4:30 - 4:45 p.m.	201	16	0	217
4:45 - 5:00 p.m.	165	14	0	179
5:00 - 5:15 p.m.	284	18	0	302
5:15 - 5:30 p.m.	240	13	0	253
5:30 - 5:45 p.m.	243	15	0	258
5:45 - 6:00 p.m.	266	16	0	282
6:00 - 6:15 p.m.	126	0	1	127
6:15 - 6:30 p.m.	226	0	0	226
6:30 - 6:45 p.m.	270	11	1	282
6:45 - 7:00 p.m.	315	13	0	328
7:00 - 7:15 p.m.	320	15	1	336
7:15 - 7:30 p.m.	348	22	0	370
7:30 - 7:45 p.m.	315	14	0	329
7:45 - 8:00 p.m.	306	16	0	322
8:00 - 8:15 p.m.	363	21	0	384
8:15 - 8:30 p.m.	226	21	0	247
8:30 - 8:45 p.m.	260	17	0	277
8:45 - 9:00 p.m.	222	18	0	240
9:00 - 9:15 p.m.	271	20	0	291
9:15 - 9:30 p.m.	258	16	0	274

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From El Dorado

Hour	Mov 5: Thru to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	256	19	0	275
9:45 - 10:00 p.m.	216	22	1	239
10:00 - 10:15 p.m.	304	17	0	321
10:15 - 10:30 p.m.	249	17	0	266
10:30 - 10:45 p.m.	160	8	1	169
10:45 - 11:00 p.m.	148	10	0	158
11:00 - 11:15 p.m.	173	11	0	184
11:15 - 11:30 p.m.	134	9	0	143
11:30 - 11:45 p.m.	136	8	1	145
11:45 - 12:00 a.m.	131	9	0	140
Total	16198	841	77	17116

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	13	0	0	13
12:15 - 12:30 a.m.	20	0	0	20
12:30 - 12:45 a.m.	15	0	0	15
12:45 - 1:00 a.m.	12	0	0	12
1:00 - 1:15 a.m.	12	0	0	12
1:15 - 1:30 a.m.	10	0	0	10
1:30 - 1:45 a.m.	14	0	0	14
1:45 - 2:00 a.m.	14	0	0	14
2:00 - 2:15 a.m.	12	0	0	12
2:15 - 2:30 a.m.	8	0	0	8
2:30 - 2:45 a.m.	12	0	0	12
2:45 - 3:00 a.m.	3	0	0	3
3:00 - 3:15 a.m.	12	0	0	12
3:15 - 3:30 a.m.	4	0	0	4
3:30 - 3:45 a.m.	4	0	0	4
3:45 - 4:00 a.m.	6	0	0	6
4:00 - 4:15 a.m.	14	0	0	14
4:15 - 4:30 a.m.	5	0	0	5
4:30 - 4:45 a.m.	5	0	0	5
4:45 - 5:00 a.m.	14	0	0	14
5:00 - 5:15 a.m.	4	0	0	4
5:15 - 5:30 a.m.	8	0	0	8
5:30 - 5:45 a.m.	7	0	0	7
5:45 - 6:00 a.m.	6	0	0	6
6:00 - 6:15 a.m.	5	0	0	5
6:15 - 6:30 a.m.	5	0	0	5
6:30 - 6:45 a.m.	6	0	0	6
6:45 - 7:00 a.m.	9	0	0	9
7:00 - 7:15 a.m.	10	1	0	11
7:15 - 7:30 a.m.	9	0	0	9
7:30 - 7:45 a.m.	1	0	0	1
7:45 - 8:00 a.m.	17	0	0	17
8:00 - 8:15 a.m.	19	0	0	19
8:15 - 8:30 a.m.	16	0	0	16
8:30 - 8:45 a.m.	10	0	0	10
8:45 - 9:00 a.m.	13	0	0	13
9:00 - 9:15 a.m.	9	0	0	9
9:15 - 9:30 a.m.	16	2	0	18
9:30 - 9:45 a.m.	10	0	0	10
9:45 - 10:00 a.m.	24	0	0	24
10:00 - 10:15 a.m.	30	0	0	30
10:15 - 10:30 a.m.	25	0	0	25
10:30 - 10:45 a.m.	34	0	0	34

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	14	0	0	14
11:00 - 11:15 a.m.	15	0	0	15
11:15 - 11:30 a.m.	7	0	0	7
11:30 - 11:45 a.m.	28	2	0	30
11:45 - 12:00 p.m.	31	0	0	31
12:00 - 12:15 p.m.	20	0	0	20
12:15 - 12:30 p.m.	21	0	0	21
12:30 - 12:45 p.m.	33	0	0	33
12:45 - 1:00 p.m.	31	0	0	31
1:00 - 1:15 p.m.	21	0	0	21
1:15 - 1:30 p.m.	21	0	0	21
1:30 - 1:45 p.m.	14	0	0	14
1:45 - 2:00 p.m.	22	0	0	22
2:00 - 2:15 p.m.	16	0	0	16
2:15 - 2:30 p.m.	18	0	0	18
2:30 - 2:45 p.m.	27	0	0	27
2:45 - 3:00 p.m.	19	0	0	19
3:00 - 3:15 p.m.	27	0	0	27
3:15 - 3:30 p.m.	26	0	0	26
3:30 - 3:45 p.m.	21	0	0	21
3:45 - 4:00 p.m.	20	0	0	20
4:00 - 4:15 p.m.	33	0	0	33
4:15 - 4:30 p.m.	27	0	0	27
4:30 - 4:45 p.m.	18	0	0	18
4:45 - 5:00 p.m.	37	0	0	37
5:00 - 5:15 p.m.	29	0	0	29
5:15 - 5:30 p.m.	23	0	0	23
5:30 - 5:45 p.m.	36	0	0	36
5:45 - 6:00 p.m.	31	0	0	31
6:00 - 6:15 p.m.	18	0	0	18
6:15 - 6:30 p.m.	24	0	0	24
6:30 - 6:45 p.m.	13	0	0	13
6:45 - 7:00 p.m.	20	0	0	20
7:00 - 7:15 p.m.	14	0	0	14
7:15 - 7:30 p.m.	17	0	0	17
7:30 - 7:45 p.m.	14	0	0	14
7:45 - 8:00 p.m.	17	0	0	17
8:00 - 8:15 p.m.	24	0	0	24
8:15 - 8:30 p.m.	13	0	0	13
8:30 - 8:45 p.m.	28	0	0	28
8:45 - 9:00 p.m.	77	0	0	77
9:00 - 9:15 p.m.	14	0	0	14
9:15 - 9:30 p.m.	13	0	0	13

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From El Dorado

Hour	Mov 6: Right turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	17	0	0	17
9:45 - 10:00 p.m.	16	0	0	16
10:00 - 10:15 p.m.	18	0	0	18
10:15 - 10:30 p.m.	8	0	0	8
10:30 - 10:45 p.m.	8	0	0	8
10:45 - 11:00 p.m.	9	0	0	9
11:00 - 11:15 p.m.	3	0	0	3
11:15 - 11:30 p.m.	3	0	0	3
11:30 - 11:45 p.m.	7	0	0	7
11:45 - 12:00 a.m.	5	0	0	5
Total	1588	5	0	1593

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	9	0	0	9
12:15 - 12:30 a.m.	10	0	0	10
12:30 - 12:45 a.m.	8	0	0	8
12:45 - 1:00 a.m.	4	0	0	4
1:00 - 1:15 a.m.	12	0	0	12
1:15 - 1:30 a.m.	3	0	0	3
1:30 - 1:45 a.m.	3	0	0	3
1:45 - 2:00 a.m.	1	0	0	1
2:00 - 2:15 a.m.	1	0	0	1
2:15 - 2:30 a.m.	3	0	0	3
2:30 - 2:45 a.m.	10	0	0	10
2:45 - 3:00 a.m.	2	0	0	2
3:00 - 3:15 a.m.	2	0	0	2
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	2	0	0	2
3:45 - 4:00 a.m.	1	0	0	1
4:00 - 4:15 a.m.	2	0	0	2
4:15 - 4:30 a.m.	3	0	0	3
4:30 - 4:45 a.m.	5	0	0	5
4:45 - 5:00 a.m.	5	0	0	5
5:00 - 5:15 a.m.	2	0	0	2
5:15 - 5:30 a.m.	5	0	0	5
5:30 - 5:45 a.m.	3	0	0	3
5:45 - 6:00 a.m.	2	0	0	2
6:00 - 6:15 a.m.	3	0	0	3
6:15 - 6:30 a.m.	1	0	0	1
6:30 - 6:45 a.m.	1	0	0	1
6:45 - 7:00 a.m.	4	0	0	4
7:00 - 7:15 a.m.	7	0	0	7
7:15 - 7:30 a.m.	9	0	0	9
7:30 - 7:45 a.m.	11	0	0	11
7:45 - 8:00 a.m.	14	0	0	14
8:00 - 8:15 a.m.	14	0	0	14
8:15 - 8:30 a.m.	0	0	0	0
8:30 - 8:45 a.m.	8	0	0	8
8:45 - 9:00 a.m.	15	0	0	15
9:00 - 9:15 a.m.	0	0	0	0
9:15 - 9:30 a.m.	12	0	0	12
9:30 - 9:45 a.m.	15	0	0	15
9:45 - 10:00 a.m.	23	0	1	24
10:00 - 10:15 a.m.	28	0	0	28
10:15 - 10:30 a.m.	13	0	0	13
10:30 - 10:45 a.m.	18	0	0	18

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	25	0	0	25
11:00 - 11:15 a.m.	20	0	0	20
11:15 - 11:30 a.m.	14	0	0	14
11:30 - 11:45 a.m.	15	0	0	15
11:45 - 12:00 p.m.	20	0	0	20
12:00 - 12:15 p.m.	22	0	0	22
12:15 - 12:30 p.m.	24	0	0	24
12:30 - 12:45 p.m.	20	0	0	20
12:45 - 1:00 p.m.	26	0	0	26
1:00 - 1:15 p.m.	16	0	0	16
1:15 - 1:30 p.m.	16	0	0	16
1:30 - 1:45 p.m.	25	0	0	25
1:45 - 2:00 p.m.	15	0	0	15
2:00 - 2:15 p.m.	19	0	0	19
2:15 - 2:30 p.m.	17	0	0	17
2:30 - 2:45 p.m.	25	0	0	25
2:45 - 3:00 p.m.	25	0	0	25
3:00 - 3:15 p.m.	29	0	0	29
3:15 - 3:30 p.m.	24	0	0	24
3:30 - 3:45 p.m.	17	0	0	17
3:45 - 4:00 p.m.	10	0	0	10
4:00 - 4:15 p.m.	19	0	0	19
4:15 - 4:30 p.m.	28	1	1	30
4:30 - 4:45 p.m.	18	0	0	18
4:45 - 5:00 p.m.	24	0	0	24
5:00 - 5:15 p.m.	21	0	0	21
5:15 - 5:30 p.m.	20	0	0	20
5:30 - 5:45 p.m.	27	0	0	27
5:45 - 6:00 p.m.	21	0	0	21
6:00 - 6:15 p.m.	31	0	0	31
6:15 - 6:30 p.m.	27	0	0	27
6:30 - 6:45 p.m.	34	0	0	34
6:45 - 7:00 p.m.	31	0	0	31
7:00 - 7:15 p.m.	28	0	0	28
7:15 - 7:30 p.m.	25	0	0	25
7:30 - 7:45 p.m.	32	0	0	32
7:45 - 8:00 p.m.	26	0	0	26
8:00 - 8:15 p.m.	24	0	0	24
8:15 - 8:30 p.m.	16	0	0	16
8:30 - 8:45 p.m.	18	0	0	18
8:45 - 9:00 p.m.	13	0	0	13
9:00 - 9:15 p.m.	16	0	0	16
9:15 - 9:30 p.m.	14	0	0	14

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From Villa Caceres

Hour	Mov 7: Left turn to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	14	0	0	14
9:45 - 10:00 p.m.	16	0	0	16
10:00 - 10:15 p.m.	12	0	0	12
10:15 - 10:30 p.m.	10	0	0	10
10:30 - 10:45 p.m.	7	0	0	7
10:45 - 11:00 p.m.	8	0	0	8
11:00 - 11:15 p.m.	6	0	0	6
11:15 - 11:30 p.m.	8	0	0	8
11:30 - 11:45 p.m.	5	0	0	5
11:45 - 12:00 a.m.	7	0	0	7
Total	1324	1	2	1327



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	2	0	0	2
12:15 - 12:30 a.m.	1	0	2	3
12:30 - 12:45 a.m.	2	0	3	5
12:45 - 1:00 a.m.	1	0	1	2
1:00 - 1:15 a.m.	1	0	0	1
1:15 - 1:30 a.m.	1	0	0	1
1:30 - 1:45 a.m.	1	0	0	1
1:45 - 2:00 a.m.	0	1	0	1
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	1	0	0	1
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	0	0	0	0
3:15 - 3:30 a.m.	0	0	0	0
3:30 - 3:45 a.m.	0	0	0	0
3:45 - 4:00 a.m.	1	0	0	1
4:00 - 4:15 a.m.	3	0	1	4
4:15 - 4:30 a.m.	1	0	0	1
4:30 - 4:45 a.m.	1	0	0	1
4:45 - 5:00 a.m.	3	0	0	3
5:00 - 5:15 a.m.	2	0	0	2
5:15 - 5:30 a.m.	1	0	1	2
5:30 - 5:45 a.m.	1	0	1	2
5:45 - 6:00 a.m.	0	0	0	0
6:00 - 6:15 a.m.	7	0	0	7
6:15 - 6:30 a.m.	0	1	0	1
6:30 - 6:45 a.m.	0	0	1	1
6:45 - 7:00 a.m.	1	0	0	1
7:00 - 7:15 a.m.	0	0	2	2
7:15 - 7:30 a.m.	0	1	0	1
7:30 - 7:45 a.m.	3	0	0	3
7:45 - 8:00 a.m.	4	0	1	5
8:00 - 8:15 a.m.	0	0	1	1
8:15 - 8:30 a.m.	0	1	0	1
8:30 - 8:45 a.m.	0	2	0	2
8:45 - 9:00 a.m.	6	0	0	6
9:00 - 9:15 a.m.	0	1	0	1
9:15 - 9:30 a.m.	8	0	0	8
9:30 - 9:45 a.m.	0	0	1	1
9:45 - 10:00 a.m.	9	1	1	11
10:00 - 10:15 a.m.	14	0	0	14
10:15 - 10:30 a.m.	11	0	0	11
10:30 - 10:45 a.m.	10	2	1	13

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	0	0	1	1
11:00 - 11:15 a.m.	11	0	0	11
11:15 - 11:30 a.m.	9	0	0	9
11:30 - 11:45 a.m.	0	1	0	1
11:45 - 12:00 p.m.	0	0	2	2
12:00 - 12:15 p.m.	11	2	1	14
12:15 - 12:30 p.m.	6	0	0	6
12:30 - 12:45 p.m.	10	0	1	11
12:45 - 1:00 p.m.	7	3	1	11
1:00 - 1:15 p.m.	3	0	0	3
1:15 - 1:30 p.m.	8	2	2	12
1:30 - 1:45 p.m.	6	0	0	6
1:45 - 2:00 p.m.	6	0	1	7
2:00 - 2:15 p.m.	11	2	0	13
2:15 - 2:30 p.m.	10	1	0	11
2:30 - 2:45 p.m.	6	0	0	6
2:45 - 3:00 p.m.	9	0	0	9
3:00 - 3:15 p.m.	12	1	2	15
3:15 - 3:30 p.m.	7	1	1	9
3:30 - 3:45 p.m.	8	0	0	8
3:45 - 4:00 p.m.	8	0	0	8
4:00 - 4:15 p.m.	3	0	1	4
4:15 - 4:30 p.m.	4	1	1	6
4:30 - 4:45 p.m.	17	0	1	18
4:45 - 5:00 p.m.	4	0	1	5
5:00 - 5:15 p.m.	12	0	0	12
5:15 - 5:30 p.m.	5	1	0	6
5:30 - 5:45 p.m.	15	1	0	16
5:45 - 6:00 p.m.	9	1	0	10
6:00 - 6:15 p.m.	9	0	0	9
6:15 - 6:30 p.m.	23	0	0	23
6:30 - 6:45 p.m.	22	0	0	22
6:45 - 7:00 p.m.	29	0	1	30
7:00 - 7:15 p.m.	277	0	0	277
7:15 - 7:30 p.m.	21	0	1	22
7:30 - 7:45 p.m.	26	0	0	26
7:45 - 8:00 p.m.	13	0	0	13
8:00 - 8:15 p.m.	18	0	0	18
8:15 - 8:30 p.m.	9	0	2	11
8:30 - 8:45 p.m.	3	0	0	3
8:45 - 9:00 p.m.	3	0	0	3
9:00 - 9:15 p.m.	7	0	2	9
9:15 - 9:30 p.m.	2	0	1	3

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From Villa Caceres

Hour	Mov 8: Thru to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	5	0	2	7
9:45 - 10:00 p.m.	2	0	1	3
10:00 - 10:15 p.m.	1	0	0	1
10:15 - 10:30 p.m.	2	0	0	2
10:30 - 10:45 p.m.	3	0	2	5
10:45 - 11:00 p.m.	1	0	0	1
11:00 - 11:15 p.m.	0	0	0	0
11:15 - 11:30 p.m.	1	0	0	1
11:30 - 11:45 p.m.	1	0	1	2
11:45 - 12:00 a.m.	0	0	0	0
Total	791	27	46	864

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	19	0	0	19
12:15 - 12:30 a.m.	32	0	0	32
12:30 - 12:45 a.m.	27	0	0	27
12:45 - 1:00 a.m.	22	0	0	22
1:00 - 1:15 a.m.	22	0	0	22
1:15 - 1:30 a.m.	15	0	0	15
1:30 - 1:45 a.m.	15	0	0	15
1:45 - 2:00 a.m.	20	0	0	20
2:00 - 2:15 a.m.	18	0	0	18
2:15 - 2:30 a.m.	12	0	0	12
2:30 - 2:45 a.m.	14	0	0	14
2:45 - 3:00 a.m.	4	0	0	4
3:00 - 3:15 a.m.	11	0	0	11
3:15 - 3:30 a.m.	23	0	0	23
3:30 - 3:45 a.m.	10	0	0	10
3:45 - 4:00 a.m.	13	0	0	13
4:00 - 4:15 a.m.	11	0	0	11
4:15 - 4:30 a.m.	13	0	0	13
4:30 - 4:45 a.m.	10	0	0	10
4:45 - 5:00 a.m.	7	0	0	7
5:00 - 5:15 a.m.	9	0	0	9
5:15 - 5:30 a.m.	12	0	0	12
5:30 - 5:45 a.m.	3	0	0	3
5:45 - 6:00 a.m.	5	0	0	5
6:00 - 6:15 a.m.	1	0	0	1
6:15 - 6:30 a.m.	4	0	0	4
6:30 - 6:45 a.m.	7	0	0	7
6:45 - 7:00 a.m.	10	0	0	10
7:00 - 7:15 a.m.	9	0	0	9
7:15 - 7:30 a.m.	13	1	0	14
7:30 - 7:45 a.m.	22	0	0	22
7:45 - 8:00 a.m.	17	0	0	17
8:00 - 8:15 a.m.	13	0	0	13
8:15 - 8:30 a.m.	6	0	0	6
8:30 - 8:45 a.m.	14	0	0	14
8:45 - 9:00 a.m.	15	1	0	16
9:00 - 9:15 a.m.	16	0	0	16
9:15 - 9:30 a.m.	21	0	0	21
9:30 - 9:45 a.m.	23	0	0	23
9:45 - 10:00 a.m.	25	1	0	26
10:00 - 10:15 a.m.	32	0	0	32
10:15 - 10:30 a.m.	28	0	0	28
10:30 - 10:45 a.m.	46	2	0	48

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	31	0	0	31
11:00 - 11:15 a.m.	25	0	0	25
11:15 - 11:30 a.m.	14	1	0	15
11:30 - 11:45 a.m.	50	1	0	51
11:45 - 12:00 p.m.	25	1	0	26
12:00 - 12:15 p.m.	7	0	0	7
12:15 - 12:30 p.m.	19	0	0	19
12:30 - 12:45 p.m.	25	2	0	27
12:45 - 1:00 p.m.	23	0	0	23
1:00 - 1:15 p.m.	32	0	0	32
1:15 - 1:30 p.m.	28	1	0	29
1:30 - 1:45 p.m.	15	0	0	15
1:45 - 2:00 p.m.	20	0	0	20
2:00 - 2:15 p.m.	22	0	0	22
2:15 - 2:30 p.m.	21	0	0	21
2:30 - 2:45 p.m.	28	1	0	29
2:45 - 3:00 p.m.	41	2	0	43
3:00 - 3:15 p.m.	30	0	0	30
3:15 - 3:30 p.m.	38	0	0	38
3:30 - 3:45 p.m.	18	0	0	18
3:45 - 4:00 p.m.	16	0	0	16
4:00 - 4:15 p.m.	23	0	0	23
4:15 - 4:30 p.m.	32	0	0	32
4:30 - 4:45 p.m.	27	0	0	27
4:45 - 5:00 p.m.	36	0	0	36
5:00 - 5:15 p.m.	56	0	0	56
5:15 - 5:30 p.m.	30	0	0	30
5:30 - 5:45 p.m.	36	0	0	36
5:45 - 6:00 p.m.	28	0	0	28
6:00 - 6:15 p.m.	33	0	0	33
6:15 - 6:30 p.m.	56	0	0	56
6:30 - 6:45 p.m.	40	0	0	40
6:45 - 7:00 p.m.	41	0	0	41
7:00 - 7:15 p.m.	56	0	0	56
7:15 - 7:30 p.m.	75	0	0	75
7:30 - 7:45 p.m.	54	0	0	54
7:45 - 8:00 p.m.	49	0	0	49
8:00 - 8:15 p.m.	70	1	0	71
8:15 - 8:30 p.m.	29	1	0	30
8:30 - 8:45 p.m.	53	0	0	53
8:45 - 9:00 p.m.	75	0	0	75
9:00 - 9:15 p.m.	44	0	0	44
9:15 - 9:30 p.m.	43	0	0	43

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From Villa Caceres

Hour	Mov 9: Right turn to San Miguelito			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	43	0	0	43
9:45 - 10:00 p.m.	44	0	0	44
10:00 - 10:15 p.m.	31	0	0	31
10:15 - 10:30 p.m.	28	0	0	28
10:30 - 10:45 p.m.	31	0	0	31
10:45 - 11:00 p.m.	20	0	0	20
11:00 - 11:15 p.m.	29	0	0	29
11:15 - 11:30 p.m.	21	0	0	21
11:30 - 11:45 p.m.	22	0	0	22
11:45 - 12:00 a.m.	15	0	0	15
Total	2467	16	0	2483

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From San Miguelito

Hour	Mov 10: Left turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	40	1	0	41
12:15 - 12:30 a.m.	28	1	0	29
12:30 - 12:45 a.m.	18	0	0	18
12:45 - 1:00 a.m.	24	0	0	24
1:00 - 1:15 a.m.	23	0	0	23
1:15 - 1:30 a.m.	11	0	0	11
1:30 - 1:45 a.m.	15	0	0	15
1:45 - 2:00 a.m.	23	0	0	23
2:00 - 2:15 a.m.	20	0	0	20
2:15 - 2:30 a.m.	22	0	0	22
2:30 - 2:45 a.m.	18	0	0	18
2:45 - 3:00 a.m.	9	0	0	9
3:00 - 3:15 a.m.	10	0	0	10
3:15 - 3:30 a.m.	13	0	0	13
3:30 - 3:45 a.m.	12	0	0	12
3:45 - 4:00 a.m.	9	0	0	9
4:00 - 4:15 a.m.	9	0	0	9
4:15 - 4:30 a.m.	11	0	0	11
4:30 - 4:45 a.m.	6	0	0	6
4:45 - 5:00 a.m.	6	0	0	6
5:00 - 5:15 a.m.	7	0	0	7
5:15 - 5:30 a.m.	7	0	0	7
5:30 - 5:45 a.m.	6	0	0	6
5:45 - 6:00 a.m.	16	0	0	16
6:00 - 6:15 a.m.	2	0	0	2
6:15 - 6:30 a.m.	5	0	0	5
6:30 - 6:45 a.m.	12	0	0	12
6:45 - 7:00 a.m.	9	1	0	10
7:00 - 7:15 a.m.	12	0	0	12
7:15 - 7:30 a.m.	20	0	0	20
7:30 - 7:45 a.m.	39	0	0	39
7:45 - 8:00 a.m.	45	0	0	45
8:00 - 8:15 a.m.	19	0	0	19
8:15 - 8:30 a.m.	12	0	0	12
8:30 - 8:45 a.m.	21	0	0	21
8:45 - 9:00 a.m.	13	0	0	13
9:00 - 9:15 a.m.	23	1	0	24
9:15 - 9:30 a.m.	23	0	0	23
9:30 - 9:45 a.m.	31	0	0	31
9:45 - 10:00 a.m.	43	0	0	43
10:00 - 10:15 a.m.	25	0	0	25
10:15 - 10:30 a.m.	41	0	0	41
10:30 - 10:45 a.m.	43	0	0	43

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From San Miguelito

Hour	Mov 10: Left turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	32	0	0	32
11:00 - 11:15 a.m.	33	0	0	33
11:15 - 11:30 a.m.	14	0	0	14
11:30 - 11:45 a.m.	28	0	0	28
11:45 - 12:00 p.m.	28	0	0	28
12:00 - 12:15 p.m.	30	2	0	32
12:15 - 12:30 p.m.	41	0	0	41
12:30 - 12:45 p.m.	22	0	0	22
12:45 - 1:00 p.m.	31	0	0	31
1:00 - 1:15 p.m.	34	0	0	34
1:15 - 1:30 p.m.	36	0	0	36
1:30 - 1:45 p.m.	24	0	0	24
1:45 - 2:00 p.m.	37	0	0	37
2:00 - 2:15 p.m.	33	0	0	33
2:15 - 2:30 p.m.	35	0	0	35
2:30 - 2:45 p.m.	15	0	0	15
2:45 - 3:00 p.m.	32	0	0	32
3:00 - 3:15 p.m.	41	0	0	41
3:15 - 3:30 p.m.	32	0	0	32
3:30 - 3:45 p.m.	18	0	0	18
3:45 - 4:00 p.m.	13	0	0	13
4:00 - 4:15 p.m.	30	0	0	30
4:15 - 4:30 p.m.	32	0	0	32
4:30 - 4:45 p.m.	24	0	0	24
4:45 - 5:00 p.m.	22	0	0	22
5:00 - 5:15 p.m.	24	0	0	24
5:15 - 5:30 p.m.	43	0	0	43
5:30 - 5:45 p.m.	43	2	0	45
5:45 - 6:00 p.m.	66	0	0	66
6:00 - 6:15 p.m.	43	0	0	43
6:15 - 6:30 p.m.	37	0	0	37
6:30 - 6:45 p.m.	53	0	0	53
6:45 - 7:00 p.m.	45	0	0	45
7:00 - 7:15 p.m.	53	0	0	53
7:15 - 7:30 p.m.	40	0	0	40
7:30 - 7:45 p.m.	57	0	0	57
7:45 - 8:00 p.m.	44	0	0	44
8:00 - 8:15 p.m.	38	2	0	40
8:15 - 8:30 p.m.	32	1	0	33
8:30 - 8:45 p.m.	37	2	0	39
8:45 - 9:00 p.m.	38	0	0	38
9:00 - 9:15 p.m.	53	0	0	53
9:15 - 9:30 p.m.	38	0	0	38



SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From San Miguelito

Hour	Mov 10: Left turn to Villa Caceres			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	24	0	0	24
9:45 - 10:00 p.m.	26	0	0	26
10:00 - 10:15 p.m.	25	0	0	25
10:15 - 10:30 p.m.	28	0	0	28
10:30 - 10:45 p.m.	12	0	0	12
10:45 - 11:00 p.m.	11	0	0	11
11:00 - 11:15 p.m.	13	0	0	13
11:15 - 11:30 p.m.	10	0	0	10
11:30 - 11:45 p.m.	9	0	0	9
11:45 - 12:00 a.m.	4	0	0	4
Total	2464	13	0	2477

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	147	2	0	149
12:15 - 12:30 a.m.	181	5	0	186
12:30 - 12:45 a.m.	189	2	0	191
12:45 - 1:00 a.m.	108	2	0	110
1:00 - 1:15 a.m.	133	3	0	136
1:15 - 1:30 a.m.	121	0	0	121
1:30 - 1:45 a.m.	88	0	0	88
1:45 - 2:00 a.m.	104	2	0	106
2:00 - 2:15 a.m.	139	4	0	143
2:15 - 2:30 a.m.	79	2	0	81
2:30 - 2:45 a.m.	101	0	0	101
2:45 - 3:00 a.m.	60	1	0	61
3:00 - 3:15 a.m.	62	0	0	62
3:15 - 3:30 a.m.	77	2	0	79
3:30 - 3:45 a.m.	86	0	0	86
3:45 - 4:00 a.m.	77	2	0	79
4:00 - 4:15 a.m.	75	5	0	80
4:15 - 4:30 a.m.	90	2	0	92
4:30 - 4:45 a.m.	85	1	0	86
4:45 - 5:00 a.m.	97	10	0	107
5:00 - 5:15 a.m.	77	10	0	87
5:15 - 5:30 a.m.	104	7	0	111
5:30 - 5:45 a.m.	135	7	0	142
5:45 - 6:00 a.m.	168	7	0	175
6:00 - 6:15 a.m.	95	8	0	103
6:15 - 6:30 a.m.	150	13	0	163
6:30 - 6:45 a.m.	236	23	1	260
6:45 - 7:00 a.m.	173	15	0	188
7:00 - 7:15 a.m.	211	18	0	229
7:15 - 7:30 a.m.	224	18	0	242
7:30 - 7:45 a.m.	223	12	0	235
7:45 - 8:00 a.m.	230	11	0	241
8:00 - 8:15 a.m.	255	17	0	272
8:15 - 8:30 a.m.	185	7	0	192
8:30 - 8:45 a.m.	325	10	0	335
8:45 - 9:00 a.m.	270	9	0	279
9:00 - 9:15 a.m.	305	14	0	319
9:15 - 9:30 a.m.	248	8	0	256
9:30 - 9:45 a.m.	236	14	0	250
9:45 - 10:00 a.m.	275	7	0	282
10:00 - 10:15 a.m.	242	19	0	261
10:15 - 10:30 a.m.	180	10	0	190
10:30 - 10:45 a.m.	289	9	0	298

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	241	7	1	249
11:00 - 11:15 a.m.	293	16	0	309
11:15 - 11:30 a.m.	217	13	0	230
11:30 - 11:45 a.m.	311	10	0	321
11:45 - 12:00 p.m.	264	14	0	278
12:00 - 12:15 p.m.	370	16	0	386
12:15 - 12:30 p.m.	368	16	0	384
12:30 - 12:45 p.m.	281	16	0	297
12:45 - 1:00 p.m.	312	17	0	329
1:00 - 1:15 p.m.	318	11	0	329
1:15 - 1:30 p.m.	356	15	0	371
1:30 - 1:45 p.m.	301	7	0	308
1:45 - 2:00 p.m.	338	19	0	357
2:00 - 2:15 p.m.	294	10	0	304
2:15 - 2:30 p.m.	306	13	0	319
2:30 - 2:45 p.m.	395	13	0	408
2:45 - 3:00 p.m.	429	14	0	443
3:00 - 3:15 p.m.	300	11	0	311
3:15 - 3:30 p.m.	364	12	0	376
3:30 - 3:45 p.m.	349	19	0	368
3:45 - 4:00 p.m.	297	14	0	311
4:00 - 4:15 p.m.	359	9	0	368
4:15 - 4:30 p.m.	350	17	0	367
4:30 - 4:45 p.m.	370	15	0	385
4:45 - 5:00 p.m.	269	16	0	285
5:00 - 5:15 p.m.	445	12	0	457
5:15 - 5:30 p.m.	276	14	0	290
5:30 - 5:45 p.m.	384	16	0	400
5:45 - 6:00 p.m.	327	8	0	335
6:00 - 6:15 p.m.	285	0	0	285
6:15 - 6:30 p.m.	349	16	0	365
6:30 - 6:45 p.m.	299	12	0	311
6:45 - 7:00 p.m.	329	9	0	338
7:00 - 7:15 p.m.	300	17	0	317
7:15 - 7:30 p.m.	245	12	0	257
7:30 - 7:45 p.m.	282	9	0	291
7:45 - 8:00 p.m.	278	7	0	285
8:00 - 8:15 p.m.	322	10	0	332
8:15 - 8:30 p.m.	261	4	0	265
8:30 - 8:45 p.m.	227	9	0	236
8:45 - 9:00 p.m.	312	10	1	323
9:00 - 9:15 p.m.	195	7	0	202
9:15 - 9:30 p.m.	259	6	0	265

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From San Miguelito

Hour	Mov 11: Thru to El Dorado			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	244	5	0	249
9:45 - 10:00 p.m.	235	5	0	240
10:00 - 10:15 p.m.	174	5	0	179
10:15 - 10:30 p.m.	199	4	0	203
10:30 - 10:45 p.m.	199	5	1	205
10:45 - 11:00 p.m.	198	3	0	201
11:00 - 11:15 p.m.	154	3	0	157
11:15 - 11:30 p.m.	119	2	0	121
11:30 - 11:45 p.m.	116	7	0	123
11:45 - 12:00 a.m.	101	0	0	101
Total	22101	875	4	22980

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
12:00 - 12:15 a.m.	1	0	0	1
12:15 - 12:30 a.m.	2	0	1	3
12:30 - 12:45 a.m.	5	0	0	5
12:45 - 1:00 a.m.	2	0	4	6
1:00 - 1:15 a.m.	1	0	1	2
1:15 - 1:30 a.m.	4	0	0	4
1:30 - 1:45 a.m.	0	0	0	0
1:45 - 2:00 a.m.	1	0	1	2
2:00 - 2:15 a.m.	0	0	0	0
2:15 - 2:30 a.m.	0	0	0	0
2:30 - 2:45 a.m.	0	0	0	0
2:45 - 3:00 a.m.	0	0	0	0
3:00 - 3:15 a.m.	1	0	1	2
3:15 - 3:30 a.m.	1	0	0	1
3:30 - 3:45 a.m.	1	0	0	1
3:45 - 4:00 a.m.	0	0	0	0
4:00 - 4:15 a.m.	2	0	0	2
4:15 - 4:30 a.m.	0	0	0	0
4:30 - 4:45 a.m.	6	0	0	6
4:45 - 5:00 a.m.	6	0	0	6
5:00 - 5:15 a.m.	4	0	0	4
5:15 - 5:30 a.m.	2	0	0	2
5:30 - 5:45 a.m.	0	1	0	1
5:45 - 6:00 a.m.	2	0	0	2
6:00 - 6:15 a.m.	1	1	0	2
6:15 - 6:30 a.m.	3	0	0	3
6:30 - 6:45 a.m.	5	0	0	5
6:45 - 7:00 a.m.	5	0	0	5
7:00 - 7:15 a.m.	2	0	0	2
7:15 - 7:30 a.m.	6	0	0	6
7:30 - 7:45 a.m.	5	0	0	5
7:45 - 8:00 a.m.	2	2	2	6
8:00 - 8:15 a.m.	2	0	0	2
8:15 - 8:30 a.m.	1	2	1	4
8:30 - 8:45 a.m.	4	0	1	5
8:45 - 9:00 a.m.	3	0	2	5
9:00 - 9:15 a.m.	9	2	2	13
9:15 - 9:30 a.m.	8	0	0	8
9:30 - 9:45 a.m.	5	2	1	8
9:45 - 10:00 a.m.	10	1	3	14
10:00 - 10:15 a.m.	30	0	1	31
10:15 - 10:30 a.m.	5	1	1	7
10:30 - 10:45 a.m.	17	0	0	17

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
10:45 - 11:00 a.m.	9	1	2	12
11:00 - 11:15 a.m.	19	3	0	22
11:15 - 11:30 a.m.	15	1	1	17
11:30 - 11:45 a.m.	11	0	3	14
11:45 - 12:00 p.m.	7	1	0	8
12:00 - 12:15 p.m.	13	0	2	15
12:15 - 12:30 p.m.	16	0	2	18
12:30 - 12:45 p.m.	9	1	1	11
12:45 - 1:00 p.m.	16	1	2	19
1:00 - 1:15 p.m.	18	0	3	21
1:15 - 1:30 p.m.	9	0	1	10
1:30 - 1:45 p.m.	5	2	0	7
1:45 - 2:00 p.m.	3	0	1	4
2:00 - 2:15 p.m.	9	2	1	12
2:15 - 2:30 p.m.	7	1	1	9
2:30 - 2:45 p.m.	5	0	0	5
2:45 - 3:00 p.m.	20	0	0	20
3:00 - 3:15 p.m.	8	0	2	10
3:15 - 3:30 p.m.	7	0	1	8
3:30 - 3:45 p.m.	9	1	0	10
3:45 - 4:00 p.m.	7	0	0	7
4:00 - 4:15 p.m.	3	0	0	3
4:15 - 4:30 p.m.	9	2	0	11
4:30 - 4:45 p.m.	8	0	1	9
4:45 - 5:00 p.m.	18	0	1	19
5:00 - 5:15 p.m.	11	0	1	12
5:15 - 5:30 p.m.	17	0	1	18
5:30 - 5:45 p.m.	14	0	1	15
5:45 - 6:00 p.m.	25	0	0	25
6:00 - 6:15 p.m.	14	0	1	15
6:15 - 6:30 p.m.	16	0	0	16
6:30 - 6:45 p.m.	14	0	0	14
6:45 - 7:00 p.m.	37	0	0	37
7:00 - 7:15 p.m.	27	0	0	27
7:15 - 7:30 p.m.	29	0	0	29
7:30 - 7:45 p.m.	277	0	0	277
7:45 - 8:00 p.m.	18	0	0	18
8:00 - 8:15 p.m.	16	0	0	16
8:15 - 8:30 p.m.	4	0	0	4
8:30 - 8:45 p.m.	3	1	0	4
8:45 - 9:00 p.m.	5	1	0	6
9:00 - 9:15 p.m.	2	0	1	3
9:15 - 9:30 p.m.	0	0	2	2

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)  
 Direction: From San Miguelito

Hour	Mov 12: Right turn to Cerro Patacon			Total
	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	
9:30 - 9:45 p.m.	3	0	0	3
9:45 - 10:00 p.m.	7	0	0	7
10:00 - 10:15 p.m.	1	1	0	2
10:15 - 10:30 p.m.	1	0	0	1
10:30 - 10:45 p.m.	0	0	1	1
10:45 - 11:00 p.m.	1	0	0	1
11:00 - 11:15 p.m.	0	0	1	1
11:15 - 11:30 p.m.	1	0	0	1
11:30 - 11:45 p.m.	0	0	0	0
11:45 - 12:00 a.m.	2	0	1	3
Total	969	31	57	1057

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
AVE. RICARDO J. ALFARO AND AVE. LA PAZ INTERSECTION

Date: January 27, 2002 (Sunday)

Hour	Movement												Total
	1	2	3	4	5	6	7	8	9	10	11	12	
12:00 - 1:00 a.m.	7	6	10	4	600	60	31	12	100	112	636	15	1593
1:00 - 2:00 a.m.	4	7	5	6	608	50	19	4	72	72	451	8	1306
2:00 - 3:00 a.m.	2	2	3	2	446	35	16	1	48	69	386	0	1010
3:00 - 4:00 a.m.	2	1	4	4	394	26	5	1	57	44	306	4	848
4:00 - 5:00 a.m.	7	5	9	4	302	38	15	9	41	32	365	14	841
5:00 - 6:00 a.m.	7	2	5	5	292	25	12	6	29	36	515	9	943
6:00 - 7:00 a.m.	6	7	3	8	341	25	9	10	22	29	714	15	1189
7:00 - 8:00 a.m.	12	9	9	6	466	38	41	11	62	116	947	19	1736
8:00 - 9:00 a.m.	16	10	5	7	654	58	37	10	49	65	1078	16	2005
9:00 - 10:00 a.m.	24	7	9	18	739	61	51	21	86	121	1107	43	2287
10:00 - 11:00 a.m.	26	14	20	28	1007	103	84	39	139	141	998	67	2666
11:00 - 12:00 p.m.	24	16	22	18	709	83	69	23	117	103	1138	61	2383
12:00 - 1:00 p.m.	34	27	26	28	624	105	92	42	76	126	1396	63	2639
1:00 - 2:00 p.m.	22	32	18	28	654	78	72	28	96	131	1365	42	2566
2:00 - 3:00 p.m.	25	20	7	29	731	80	86	39	115	115	1474	46	2767
3:00 - 4:00 p.m.	22	19	22	17	656	94	80	40	102	104	1366	35	2557
4:00 - 5:00 p.m.	47	22	13	25	725	115	91	33	118	108	1405	42	2744
5:00 - 6:00 p.m.	41	36	14	28	1095	119	89	44	150	178	1482	70	3346
6:00 - 7:00 p.m.	53	62	46	67	963	75	123	84	170	178	1299	82	3202
7:00 - 8:00 p.m.	71	64	24	69	1357	62	111	338	234	194	1150	351	4025
8:00 - 9:00 p.m.	58	63	8	9	1148	142	71	35	229	150	1156	30	3099
9:00 - 10:00 p.m.	129	64	58	13	1079	60	60	22	174	141	956	15	2771
10:00 - 11:00 p.m.	92	82	95	3	914	43	37	9	110	76	788	5	2254
11:00 - 12:00 a.m.	7	16	4	4	612	18	26	3	87	36	502	5	1320
Total	738	595	442	434	17121	1599	1334	872	2492	2487	22991	1069	52174



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: January 31, 2002 (Thursday)-February 1, 2002 (Friday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 p.m.	185	23	0	208
11:15 - 11:30 p.m.	175	16	0	191
11:30 - 11:45 p.m.	162	24	0	186
11:45 - 12:00 a.m.	132	15	0	147
12:00 - 12:15 a.m.	143	6	0	149
12:15 - 12:30 a.m.	123	10	0	133
12:30 - 12:45 a.m.	89	9	0	98
12:45 - 1:00 a.m.	94	13	0	107
1:00 - 1:15 a.m.	94	8	0	102
1:15 - 1:30 a.m.	76	6	0	82
1:30 - 1:45 a.m.	70	6	0	76
1:45 - 2:00 a.m.	71	4	0	75
2:00 - 2:15 a.m.	82	7	0	89
2:15 - 2:30 a.m.	67	8	0	75
2:30 - 2:45 a.m.	87	8	0	95
2:45 - 3:00 a.m.	58	2	0	60
3:00 - 3:15 a.m.	67	5	0	72
3:15 - 3:30 a.m.	52	8	0	60
3:30 - 3:45 a.m.	73	12	0	85
3:45 - 4:00 a.m.	75	5	0	80
4:00 - 4:15 a.m.	91	16	0	107
4:15 - 4:30 a.m.	116	20	0	136
4:30 - 4:45 a.m.	95	33	0	128
4:45 - 5:00 a.m.	145	41	0	186
5:00 - 5:15 a.m.	139	41	0	180
5:15 - 5:30 a.m.	193	53	0	246
5:30 - 5:45 a.m.	284	95	0	379
5:45 - 6:00 a.m.	311	80	0	391
6:00 - 6:15 a.m.	370	91	0	461
6:15 - 6:30 a.m.	402	97	2	501
6:30 - 6:45 a.m.	363	74	2	439
6:45 - 7:00 a.m.	382	76	1	459
7:00 - 7:15 a.m.	367	103	1	471
7:15 - 7:30 a.m.	385	80	1	466
7:30 - 7:45 a.m.	361	84	3	448
7:45 - 8:00 a.m.	302	80	1	383
8:00 - 8:15 a.m.	278	115	3	396
8:15 - 8:30 a.m.	237	85	2	324
8:30 - 8:45 a.m.	277	74	0	351
8:45 - 9:00 a.m.	265	64	0	329
9:00 - 9:15 a.m.	311	78	0	389
9:15 - 9:30 a.m.	307	74	0	381
9:30 - 9:45 a.m.	303	76	0	379
9:45 - 10:00 a.m.	370	89	3	462

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: January 31, 2002 (Thursday)-February 1, 2002 (Friday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 a.m.	346	92	0	438
10:15 - 10:30 a.m.	347	75	1	423
10:30 - 10:45 a.m.	351	79	1	431
10:45 - 11:00 a.m.	333	83	3	419
11:00 - 11:15 a.m.	307	73	1	381
11:15 - 11:30 a.m.	257	81	0	338
11:30 - 11:45 a.m.	248	69	1	318
11:45 - 12:00 p.m.	189	65	1	255
12:00 - 12:15 p.m.	238	69	1	308
12:15 - 12:30 p.m.	214	65	2	281
12:30 - 12:45 p.m.	161	64	0	225
12:45 - 1:00 p.m.	123	53	0	176
1:00 - 1:15 p.m.	157	60	0	217
1:15 - 1:30 p.m.	153	79	0	232
1:30 - 1:45 p.m.	235	86	1	322
1:45 - 2:00 p.m.	218	102	0	320
2:00 - 2:15 p.m.	220	92	0	312
2:15 - 2:30 p.m.	315	103	0	418
2:30 - 2:45 p.m.	200	83	0	283
2:45 - 3:00 p.m.	276	103	0	379
3:00 - 3:15 p.m.	310	74	0	384
3:15 - 3:30 p.m.	208	100	1	309
3:30 - 3:45 p.m.	295	85	0	380
3:45 - 4:00 p.m.	281	77	0	358
4:00 - 4:15 p.m.	245	58	0	303
4:15 - 4:30 p.m.	339	75	0	414
4:30 - 4:45 p.m.	389	79	0	468
4:45 - 5:00 p.m.	375	102	0	477
5:00 - 5:15 p.m.	110	46	2	158
5:15 - 5:30 p.m.	214	59	0	273
5:30 - 5:45 p.m.	266	101	0	367
5:45 - 6:00 p.m.	183	88	0	271
6:00 - 6:15 p.m.	305	86	0	391
6:15 - 6:30 p.m.	268	64	0	332
6:30 - 6:45 p.m.	293	105	0	398
6:45 - 7:00 p.m.	188	63	0	251
7:00 - 7:15 p.m.	294	89	0	383
7:15 - 7:30 p.m.	256	58	0	314
7:30 - 7:45 p.m.	310	82	0	392
7:45 - 8:00 p.m.	288	87	1	376
8:00 - 8:15 p.m.	196	56	0	252
8:15 - 8:30 p.m.	212	66	0	278
8:30 - 8:45 p.m.	286	59	0	345
8:45 - 9:00 p.m.	233	44	0	277

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: January 31, 2002 (Thursday)-February 1, 2002 (Friday)  
 Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
9:00 - 9:15 p.m.	186	35	2	223
9:15 - 9:30 p.m.	258	40	0	298
9:30 - 9:45 p.m.	183	56	1	240
9:45 - 10:00 p.m.	171	49	0	220
10:00 - 10:15 p.m.	193	30	0	223
10:15 - 10:30 p.m.	181	26	3	210
10:30 - 10:45 p.m.	176	41	0	217
10:45 - 11:00 p.m.	181	23	0	204
11:00 - 11:15 p.m.	172	19	0	191
11:15 - 11:30 p.m.	193	19	0	212
11:30 - 11:45 p.m.	205	20	0	225
11:45 - 12:00 a.m.	183	21	0	204
<b>TOTAL</b>	<b>22143</b>	<b>5672</b>	<b>41</b>	<b>27856</b>

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: January 31, 2002 (Thursday)-February 1, 2002 (Friday)

Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 p.m.	341	17	0	358
11:15 - 11:30 p.m.	310	30	0	340
11:30 - 11:45 p.m.	171	14	0	185
11:45 - 12:00 a.m.	161	23	0	184
12:00 - 12:15 a.m.	272	20	0	292
12:15 - 12:30 a.m.	113	12	0	125
12:30 - 12:45 a.m.	122	10	0	132
12:45 - 1:00 a.m.	113	8	0	121
1:00 - 1:15 a.m.	57	15	0	72
1:15 - 1:30 a.m.	127	8	0	135
1:30 - 1:45 a.m.	39	13	0	52
1:45 - 2:00 a.m.	28	15	0	43
2:00 - 2:15 a.m.	41	7	0	48
2:15 - 2:30 a.m.	103	4	0	107
2:30 - 2:45 a.m.	84	6	0	90
2:45 - 3:00 a.m.	92	6	0	98
3:00 - 3:15 a.m.	86	9	0	95
3:15 - 3:30 a.m.	91	6	0	97
3:30 - 3:45 a.m.	87	7	0	94
3:45 - 4:00 a.m.	99	11	0	110
4:00 - 4:15 a.m.	141	18	0	159
4:15 - 4:30 a.m.	188	17	0	205
4:30 - 4:45 a.m.	144	25	0	169
4:45 - 5:00 a.m.	135	30	0	165
5:00 - 5:15 a.m.	90	24	0	114
5:15 - 5:30 a.m.	105	69	0	174
5:30 - 5:45 a.m.	123	80	2	205
5:45 - 6:00 a.m.	131	80	0	211
6:00 - 6:15 a.m.	156	87	0	243
6:15 - 6:30 a.m.	178	87	1	266
6:30 - 6:45 a.m.	179	98	1	278
6:45 - 7:00 a.m.	163	95	0	258
7:00 - 7:15 a.m.	159	78	1	238
7:15 - 7:30 a.m.	134	80	0	214
7:30 - 7:45 a.m.	179	88	0	267
7:45 - 8:00 a.m.	175	68	0	243
8:00 - 8:15 a.m.	171	97	0	268
8:15 - 8:30 a.m.	151	91	0	242
8:30 - 8:45 a.m.	122	76	0	198
8:45 - 9:00 a.m.	197	81	1	279
9:00 - 9:15 a.m.	229	93	0	322
9:15 - 9:30 a.m.	201	102	0	303
9:30 - 9:45 a.m.	202	109	0	311
9:45 - 10:00 a.m.	210	104	2	316

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: January 31, 2002 (Thursday)-February 1, 2002 (Friday)  
Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 a.m.	237	98	0	335
10:15 - 10:30 a.m.	295	88	0	383
10:30 - 10:45 a.m.	257	105	1	363
10:45 - 11:00 a.m.	284	85	0	369
11:00 - 11:15 a.m.	288	107	2	397
11:15 - 11:30 a.m.	257	96	0	353
11:30 - 11:45 a.m.	370	94	0	464
11:45 - 12:00 p.m.	340	97	1	438
12:00 - 12:15 p.m.	303	93	2	398
12:15 - 12:30 p.m.	279	87	0	366
12:30 - 12:45 p.m.	278	76	0	354
12:45 - 1:00 p.m.	273	90	0	363
1:00 - 1:15 p.m.	313	121	0	434
1:15 - 1:30 p.m.	321	93	0	414
1:30 - 1:45 p.m.	302	88	0	390
1:45 - 2:00 p.m.	284	86	0	370
2:00 - 2:15 p.m.	364	82	0	446
2:15 - 2:30 p.m.	314	95	2	411
2:30 - 2:45 p.m.	282	83	0	365
2:45 - 3:00 p.m.	310	102	1	413
3:00 - 3:15 p.m.	320	81	1	402
3:15 - 3:30 p.m.	328	100	2	430
3:30 - 3:45 p.m.	253	81	0	334
3:45 - 4:00 p.m.	303	95	1	399
4:00 - 4:15 p.m.	332	94	0	426
4:15 - 4:30 p.m.	442	102	1	545
4:30 - 4:45 p.m.	331	97	0	428
4:45 - 5:00 p.m.	379	108	0	487
5:00 - 5:15 p.m.	145	34	3	182
5:15 - 5:30 p.m.	183	37	2	222
5:30 - 5:45 p.m.	322	65	1	388
5:45 - 6:00 p.m.	330	55	0	385
6:00 - 6:15 p.m.	523	109	0	632
6:15 - 6:30 p.m.	339	66	0	405
6:30 - 6:45 p.m.	229	78	0	307
6:45 - 7:00 p.m.	368	87	0	455
7:00 - 7:15 p.m.	481	101	0	582
7:15 - 7:30 p.m.	422	90	1	513
7:30 - 7:45 p.m.	554	92	0	646
7:45 - 8:00 p.m.	304	61	0	365
8:00 - 8:15 p.m.	453	76	0	529
8:15 - 8:30 p.m.	360	51	0	411
8:30 - 8:45 p.m.	385	80	0	465
8:45 - 9:00 p.m.	390	73	0	463

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: January 31, 2002 (Thursday)-February 1, 2002 (Friday)  
 Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
9:00 - 9:15 p.m.	447	74	0	521
9:15 - 9:30 p.m.	313	49	1	363
9:30 - 9:45 p.m.	382	41	0	423
9:45 - 10:00 p.m.	395	39	0	434
10:00 - 10:15 p.m.	412	37	0	449
10:15 - 10:30 p.m.	301	26	0	327
10:30 - 10:45 p.m.	405	46	0	451
10:45 - 11:00 p.m.	338	42	0	380
11:00 - 11:15 p.m.	342	15	0	357
11:15 - 11:30 p.m.	218	34	0	252
11:30 - 11:45 p.m.	316	39	0	355
11:45 - 12:00 a.m.	317	21	0	338
<b>TOTAL</b>	<b>25013</b>	<b>6260</b>	<b>30</b>	<b>31303</b>

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE TRANSISTMICA - SAN MIGUELITO  
 Date: February 1, 2002 (Friday)

Hour	Movement		Total
	To Panama City	To Colon	
11:00 - 12:00 a.m.	732	1067	1799
12:00 - 1:00 a.m.	487	670	1157
1:00 - 2:00 a.m.	335	302	637
2:00 - 3:00 a.m.	319	343	662
3:00 - 4:00 a.m.	297	396	693
4:00 - 5:00 a.m.	557	698	1255
5:00 - 6:00 a.m.	1196	704	1900
6:00 - 7:00 a.m.	1860	1045	2905
7:00 - 8:00 a.m.	1768	962	2730
8:00 - 9:00 a.m.	1400	987	2387
9:00 - 10:00 a.m.	1611	1252	2863
10:00 - 11:00 a.m.	1711	1450	3161
11:00 - 12:00 p.m.	1292	1652	2944
12:00 - 1:00 p.m.	990	1481	2471
1:00 - 2:00 p.m.	1091	1608	2699
2:00 - 3:00 p.m.	1392	1635	3027
3:00 - 4:00 p.m.	1431	1565	2996
4:00 - 5:00 p.m.	1662	1886	3548
5:00 - 6:00 p.m.	1069	1177	2246
6:00 - 7:00 p.m.	1372	1799	3171
7:00 - 8:00 p.m.	1465	2106	3571
8:00 - 9:00 p.m.	1152	1868	3020
9:00 - 10:00 p.m.	981	1741	2722
10:00 - 11:00 p.m.	854	1607	2461
11:00 - 12:00 a.m.	832	1302	2134
Total	27856	31303	59159

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 2, 2002 (Saturday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	188	22	0	210
12:15 - 12:30 a.m.	156	5	0	161
12:30 - 12:45 a.m.	151	13	0	164
12:45 - 1:00 a.m.	141	14	0	155
1:00 - 1:15 a.m.	115	10	0	125
1:15 - 1:30 a.m.	90	8	0	98
1:30 - 1:45 a.m.	107	8	0	115
1:45 - 2:00 a.m.	113	6	0	119
2:00 - 2:15 a.m.	91	4	0	95
2:15 - 2:30 a.m.	87	5	0	92
2:30 - 2:45 a.m.	90	11	0	101
2:45 - 3:00 a.m.	87	8	0	95
3:00 - 3:15 a.m.	86	11	0	97
3:15 - 3:30 a.m.	79	6	0	85
3:30 - 3:45 a.m.	103	7	0	110
3:45 - 4:00 a.m.	75	8	0	83
4:00 - 4:15 a.m.	89	11	0	100
4:15 - 4:30 a.m.	87	8	0	95
4:30 - 4:45 a.m.	116	20	0	136
4:45 - 5:00 a.m.	141	28	0	169
5:00 - 5:15 a.m.	96	20	0	116
5:15 - 5:30 a.m.	169	46	0	215
5:30 - 5:45 a.m.	162	39	0	201
5:45 - 6:00 a.m.	277	66	0	343
6:00 - 6:15 a.m.	267	48	0	315
6:15 - 6:30 a.m.	344	75	0	419
6:30 - 6:45 a.m.	362	78	0	440
6:45 - 7:00 a.m.	317	73	0	390
7:00 - 7:15 a.m.	319	85	0	404
7:15 - 7:30 a.m.	467	80	0	547
7:30 - 7:45 a.m.	476	86	0	562
7:45 - 8:00 a.m.	378	81	0	459
8:00 - 8:15 a.m.	356	67	0	423
8:15 - 8:30 a.m.	517	93	0	610
8:30 - 8:45 a.m.	312	58	1	371
8:45 - 9:00 a.m.	378	79	2	459
9:00 - 9:15 a.m.	406	123	0	529
9:15 - 9:30 a.m.	314	69	0	383
9:30 - 9:45 a.m.	350	84	0	434
9:45 - 10:00 a.m.	365	70	1	436
10:00 - 10:15 a.m.	315	68	1	384
10:15 - 10:30 a.m.	413	72	2	487
10:30 - 10:45 a.m.	265	84	3	352
10:45 - 11:00 a.m.	307	96	2	405



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 2, 2002 (Saturday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	214	75	1	290
11:15 - 11:30 a.m.	335	82	0	417
11:30 - 11:45 a.m.	321	96	2	419
11:45 - 12:00 p.m.	296	76	0	372
12:00 - 12:15 p.m.	311	88	1	400
12:15 - 12:30 p.m.	297	92	1	390
12:30 - 12:45 p.m.	177	54	1	232
12:45 - 1:00 p.m.	332	79	0	411
1:00 - 1:15 p.m.	286	71	0	357
1:15 - 1:30 p.m.	254	80	0	334
1:30 - 1:45 p.m.	243	86	0	329
1:45 - 2:00 p.m.	273	69	0	342
2:00 - 2:15 p.m.	262	77	0	339
2:15 - 2:30 p.m.	241	94	0	335
2:30 - 2:45 p.m.	269	85	1	355
2:45 - 3:00 p.m.	327	49	2	378
3:00 - 3:15 p.m.	287	68	3	358
3:15 - 3:30 p.m.	318	83	0	401
3:30 - 3:45 p.m.	321	63	0	384
3:45 - 4:00 p.m.	318	86	0	404
4:00 - 4:15 p.m.	320	68	1	389
4:15 - 4:30 p.m.	309	72	1	382
4:30 - 4:45 p.m.	336	64	2	402
4:45 - 5:00 p.m.	386	71	2	459
5:00 - 5:15 p.m.	194	56	0	250
5:15 - 5:30 p.m.	320	59	1	380
5:30 - 5:45 p.m.	329	57	2	388
5:45 - 6:00 p.m.	351	61	1	413
6:00 - 6:15 p.m.	302	52	0	354
6:15 - 6:30 p.m.	316	72	0	388
6:30 - 6:45 p.m.	223	52	0	275
6:45 - 7:00 p.m.	278	55	0	333
7:00 - 7:15 p.m.	365	62	1	428
7:15 - 7:30 p.m.	282	61	0	343
7:30 - 7:45 p.m.	353	57	1	411
7:45 - 8:00 p.m.	298	47	0	345
8:00 - 8:15 p.m.	287	44	0	331
8:15 - 8:30 p.m.	325	49	0	374
8:30 - 8:45 p.m.	292	51	0	343
8:45 - 9:00 p.m.	397	45	1	443
9:00 - 9:15 p.m.	283	41	0	324
9:15 - 9:30 p.m.	335	42	1	378
9:30 - 9:45 p.m.	353	45	0	398
9:45 - 10:00 p.m.	303	32	0	335

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 2, 2002 (Saturday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	256	39	1	296
10:15 - 10:30 p.m.	354	37	0	391
10:30 - 10:45 p.m.	310	30	0	340
10:45 - 11:00 p.m.	302	26	0	328
11:00 - 11:15 p.m.	195	21	0	216
11:15 - 11:30 p.m.	217	14	0	231
11:30 - 11:45 p.m.	262	25	0	287
11:45 - 12:00 a.m.	195	11	0	206
TOTAL	25434	5024	39	30497

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 2, 2002 (Saturday)  
Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	286	22	0	308
12:15 - 12:30 a.m.	240	13	0	253
12:30 - 12:45 a.m.	206	24	0	230
12:45 - 1:00 a.m.	226	27	0	253
1:00 - 1:15 a.m.	204	9	0	213
1:15 - 1:30 a.m.	140	16	0	156
1:30 - 1:45 a.m.	148	21	0	169
1:45 - 2:00 a.m.	142	7	0	149
2:00 - 2:15 a.m.	155	17	0	172
2:15 - 2:30 a.m.	140	9	0	149
2:30 - 2:45 a.m.	148	12	0	160
2:45 - 3:00 a.m.	140	20	0	160
3:00 - 3:15 a.m.	130	17	0	147
3:15 - 3:30 a.m.	141	10	0	151
3:30 - 3:45 a.m.	129	16	0	145
3:45 - 4:00 a.m.	113	11	0	124
4:00 - 4:15 a.m.	120	8	0	128
4:15 - 4:30 a.m.	107	6	0	113
4:30 - 4:45 a.m.	123	13	0	136
4:45 - 5:00 a.m.	118	24	0	142
5:00 - 5:15 a.m.	75	22	0	97
5:15 - 5:30 a.m.	153	37	0	190
5:30 - 5:45 a.m.	154	51	0	205
5:45 - 6:00 a.m.	237	62	1	300
6:00 - 6:15 a.m.	223	87	1	311
6:15 - 6:30 a.m.	281	79	2	362
6:30 - 6:45 a.m.	239	73	0	312
6:45 - 7:00 a.m.	196	84	0	280
7:00 - 7:15 a.m.	212	85	0	297
7:15 - 7:30 a.m.	184	78	0	262
7:30 - 7:45 a.m.	187	64	0	251
7:45 - 8:00 a.m.	220	67	0	287
8: 00 - 8:15 a.m.	241	60	1	302
8:15 - 8:30 a.m.	239	80	0	319
8:30 - 8:45 a.m.	227	65	1	293
8:45 - 9:00 a.m.	234	70	0	304
9:00 - 9:15 a.m.	214	73	2	289
9:15 - 9:30 a.m.	270	60	0	330
9:30 - 9:45 a.m.	252	73	3	328
9:45 - 10:00 a.m.	279	79	0	358
10:00 - 10:15 a.m.	222	61	0	283
10:15 - 10:30 a.m.	234	77	0	311
10:30 - 10:45 a.m.	253	85	1	339
10:45 - 11:00 a.m.	224	82	1	307

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 2, 2002 (Saturday)  
Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	266	58	1	325
11:15 - 11:30 a.m.	321	56	1	378
11:30 - 11:45 a.m.	367	56	2	425
11:45 - 12:00 p.m.	382	46	1	429
12:00 - 12:15 p.m.	396	50	0	446
12:15 - 12:30 p.m.	399	57	0	456
12:30 - 12:45 p.m.	402	45	0	447
12:45 - 1:00 p.m.	387	50	0	437
1:00 - 1:15 p.m.	392	58	0	450
1:15 - 1:30 p.m.	424	49	0	473
1:30 - 1:45 p.m.	412	52	0	464
1:45 - 2:00 p.m.	421	55	0	476
2:00 - 2:15 p.m.	466	53	0	519
2:15 - 2:30 p.m.	478	59	0	537
2:30 - 2:45 p.m.	459	64	0	523
2:45 - 3:00 p.m.	514	58	0	572
3:00 - 3:15 p.m.	483	50	0	533
3:15 - 3:30 p.m.	467	45	1	513
3:30 - 3:45 p.m.	453	62	1	516
3:45 - 4:00 p.m.	471	55	2	528
4:00 - 4:15 p.m.	439	77	3	519
4:15 - 4:30 p.m.	475	67	1	543
4:30 - 4:45 p.m.	438	81	2	521
4:45 - 5:00 p.m.	420	68	1	489
5:00 - 5:15 p.m.	212	50	0	262
5:15 - 5:30 p.m.	464	92	1	557
5:30 - 5:45 p.m.	455	65	0	520
5:45 - 6:00 p.m.	470	81	0	551
6:00 - 6:15 p.m.	470	103	0	573
6:15 - 6:30 p.m.	524	76	0	600
6:30 - 6:45 p.m.	468	62	0	530
6:45 - 7:00 p.m.	367	62	1	430
7:00 - 7:15 p.m.	438	62	1	501
7:15 - 7:30 p.m.	405	41	1	447
7:30 - 7:45 p.m.	443	52	0	495
7:45 - 8:00 p.m.	428	50	2	480
8:00 - 8:15 p.m.	451	62	1	514
8:15 - 8:30 p.m.	431	43	1	475
8:30 - 8:45 p.m.	373	43	0	416
8:45 - 9:00 p.m.	367	41	0	408
9:00 - 9:15 p.m.	442	40	0	482
9:15 - 9:30 p.m.	355	36	0	391
9:30 - 9:45 p.m.	347	40	0	387
9:45 - 10:00 p.m.	376	33	0	409

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 2, 2002 (Saturday)  
 Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	342	24	0	366
10:15 - 10:30 p.m.	358	29	0	387
10:30 - 10:45 p.m.	355	23	0	378
10:45 - 11:00 p.m.	315	27	1	343
11:00 - 11:15 p.m.	236	26	0	262
11:15 - 11:30 p.m.	279	19	0	298
11:30 - 11:45 p.m.	326	24	1	351
11:45 - 12:00 a.m.	263	13	0	276
TOTAL	29298	4646	39	33983

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE TRANSISTMICA - SAN MIGUELITO  
 Date: February 2, 2002 (Saturday)

Hour	Movement		Total
	To Panama City	To Colon	
12:00 - 1:00 a.m.	690	1044	1734
1:00 - 2:00 a.m.	457	687	1144
2:00 - 3:00 a.m.	383	641	1024
3:00 - 4:00 a.m.	375	567	942
4:00 - 5:00 a.m.	500	519	1019
5:00 - 6:00 a.m.	875	792	1667
6:00 - 7:00 a.m.	1564	1265	2829
7:00 - 8:00 a.m.	1972	1097	3069
8:00 - 9:00 a.m.	1863	1218	3081
9:00 - 10:00 a.m.	1782	1305	3087
10:00 - 11:00 a.m.	1628	1240	2868
11:00 - 12:00 p.m.	1498	1557	3055
12:00 - 1:00 p.m.	1433	1786	3219
1:00 - 2:00 p.m.	1362	1863	3225
2:00 - 3:00 p.m.	1407	2151	3558
3:00 - 4:00 p.m.	1547	2090	3637
4:00 - 5:00 p.m.	1632	2072	3704
5:00 - 6:00 p.m.	1431	1890	3321
6:00 - 7:00 p.m.	1350	2133	3483
7:00 - 8:00 p.m.	1527	1923	3450
8:00 - 9:00 p.m.	1491	1813	3304
9:00 - 10:00 p.m.	1435	1669	3104
10:00 - 11:00 p.m.	1355	1474	2829
11:00 - 12:00 a.m.	940	1187	2127
Total	30497	33983	64480

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 3, 2002 (Sunday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	194	17	0	211
12:15 - 12:30 a.m.	201	13	1	215
12:30 - 12:45 a.m.	179	9	0	188
12:45 - 1:00 a.m.	155	12	0	167
1:00 - 1:15 a.m.	166	12	0	178
1:15 - 1:30 a.m.	143	9	0	152
1:30 - 1:45 a.m.	137	9	0	146
1:45 - 2:00 a.m.	147	7	0	154
2:00 - 2:15 a.m.	128	9	0	137
2:15 - 2:30 a.m.	123	6	0	129
2:30 - 2:45 a.m.	126	3	0	129
2:45 - 3:00 a.m.	101	2	0	103
3:00 - 3:15 a.m.	116	5	0	121
3:15 - 3:30 a.m.	142	6	0	148
3:30 - 3:45 a.m.	106	2	0	108
3:45 - 4:00 a.m.	135	10	0	145
4:00 - 4:15 a.m.	99	5	0	104
4:15 - 4:30 a.m.	100	4	0	104
4:30 - 4:45 a.m.	101	10	0	111
4:45 - 5:00 a.m.	134	22	0	156
5:00 - 5:15 a.m.	78	18	0	96
5:15 - 5:30 a.m.	120	31	0	151
5:30 - 5:45 a.m.	107	23	0	130
5:45 - 6:00 a.m.	127	25	0	152
6:00 - 6:15 a.m.	147	41	0	188
6:15 - 6:30 a.m.	165	43	0	208
6:30 - 6:45 a.m.	172	42	0	214
6:45 - 7:00 a.m.	192	44	0	236
7:00 - 7:15 a.m.	180	38	0	218
7:15 - 7:30 a.m.	150	20	0	170
7:30 - 7:45 a.m.	185	40	0	225
7:45 - 8:00 a.m.	210	43	0	253
8:00 - 8:15 a.m.	205	63	0	268
8:15 - 8:30 a.m.	210	41	0	251
8:30 - 8:45 a.m.	250	31	1	282
8:45 - 9:00 a.m.	271	55	0	326
9:00 - 9:15 a.m.	294	34	0	328
9:15 - 9:30 a.m.	302	43	0	345
9:30 - 9:45 a.m.	320	48	0	368
9:45 - 10:00 a.m.	329	45	1	375
10:00 - 10:15 a.m.	315	37	1	353
10:15 - 10:30 a.m.	320	26	0	346
10:30 - 10:45 a.m.	312	30	0	342
10:45 - 11:00 a.m.	331	27	0	358

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 3, 2002 (Sunday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	225	27	2	254
11:15 - 11:30 a.m.	337	38	0	375
11:30 - 11:45a.m.	338	41	0	379
11:45 - 12:00p.m.	393	35	0	428
12:00 - 12:15 p.m.	208	34	0	242
12:15 - 12:30 p.m.	291	32	1	324
12:30 - 12:45 p.m.	278	32	0	310
12:45 - 1:00 p.m.	269	33	1	303
1:00 - 1:15 p.m.	189	35	0	224
1:15 - 1:30 p.m.	252	28	0	280
1:30 - 1:45 p.m.	276	29	0	305
1:45 - 2:00 p.m.	277	31	0	308
2:00 - 2:15 p.m.	282	29	0	311
2:15 -2:30 p.m.	269	27	2	298
2:30 - 2:45 p.m.	292	37	0	329
2:45 - 3:00 p.m.	274	31	0	305
3:00 - 3:15 p.m.	246	35	0	281
3:15 - 3:30 p.m.	197	28	1	226
3:30 - 3:45 p.m.	271	24	0	295
3:45 - 4:00 p.m.	283	29	0	312
4:00 - 4:15 p.m.	373	29	0	402
4:15 - 4:30 p.m.	303	43	0	346
4:30 - 4:45 p.m.	306	41	0	347
4:45 - 5:00 p.m.	320	32	0	352
5:00 - 5:15 p.m.	226	27	1	254
5:15 - 5:30 p.m.	274	40	0	314
5:30 - 5:45p.m.	380	34	0	414
5:45 - 6:00 p.m.	294	36	0	330
6:00 - 6:15 p.m.	344	43	0	387
6:15 - 6:30 p.m.	415	41	0	456
6:30 - 6:45 p.m.	358	40	0	398
6:45 - 7:00 p.m.	329	38	1	368
7:00 - 7:15 p.m.	372	48	0	420
7:15 - 7:30 p.m.	317	37	0	354
7:30 - 7:45 p.m.	297	50	0	347
7:45 - 8:00p.m.	263	36	0	299
8:00 - 8:15 p.m.	302	25	0	327
8:15 - 8:30 p.m.	315	28	0	343
8:30 - 8:45 p.m.	265	33	1	299
8:45 - 9:00p.m.	314	37	0	351
9:00- 9:15 p.m.	243	26	0	269
9:15 - 9:30 p.m.	214	24	0	238
9:30 - 9:45 p.m.	198	20	1	219
9: 45 - 10:00 p.m.	185	13	0	198



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 3, 2002 (Sunday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	210	25	0	235
10:15 - 10:30 p.m.	215	21	1	237
10:30 - 10:45 p.m.	230	9	0	239
10:45 - 11:00 p.m.	178	16	0	194
TOTAL	21512	2587	16	24115

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 3, 2002 (Sunday)

Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	306	16	0	322
12:15 - 12:30 a.m.	285	18	0	303
12:30 - 12:45 a.m.	273	10	0	283
12:45 - 1:00 a.m.	264	16	0	280
1:00 - 1:15 a.m.	209	11	0	220
1:15 - 1:30 a.m.	225	14	0	239
1:30 - 1:45 a.m.	207	8	0	215
1:45 - 2:00 a.m.	195	8	0	203
2:00 - 2:15 a.m.	194	6	0	200
2:15 - 2:30 a.m.	175	17	0	192
2:30 - 2:45 a.m.	182	5	0	187
2:45 - 3:00 a.m.	185	7	0	192
3:00 - 3:15 a.m.	185	9	0	194
3:15 - 3:30 a.m.	197	8	0	205
3:30 - 3:45 a.m.	164	7	0	171
3:45 - 4:00 a.m.	168	6	0	174
4:00 - 4:15 a.m.	170	8	0	178
4:15 - 4:30 a.m.	160	13	0	173
4:30 - 4:45 a.m.	192	12	0	204
4:45 - 5:00 a.m.	169	18	0	187
5:00 - 5:15 a.m.	127	19	0	146
5:15 - 5:30 a.m.	193	35	0	228
5:30 - 5:45 a.m.	159	32	0	191
5:45 - 6:00 a.m.	166	31	1	198
6:00 - 6:15 a.m.	193	39	0	232
6:15 - 6:30 a.m.	180	30	0	210
6:30 - 6:45 a.m.	191	43	2	236
6:45 - 7:00 a.m.	187	35	1	223
7:00 - 7:15 a.m.	192	38	3	233
7:15 - 7:30 a.m.	221	32	0	253
7:30 - 7:45 a.m.	231	32	0	263
7:45 - 8:00 a.m.	202	35	0	237
8:00 - 8:15 a.m.	211	28	0	239
8:15 - 8:30 a.m.	224	34	0	258
8:30 - 8:45 a.m.	202	21	0	223
8:45 - 9:00 a.m.	209	31	0	240
9:00 - 9:15 a.m.	215	28	0	243
9:15 - 9:30 a.m.	285	30	0	315
9:30 - 9:45 a.m.	278	27	0	305
9:45 - 10:00 a.m.	259	28	0	287
10:00 - 10:15 a.m.	247	29	0	276
10:15 - 10:30 a.m.	253	22	0	275
10:30 - 10:45 a.m.	241	33	0	274
10:45 - 11:00 a.m.	263	36	2	301

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 3, 2002 (Sunday)  
Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	244	29	0	273
11:15 - 11:30 a.m.	291	36	0	327
11:30 - 11:45a.m.	361	47	1	409
11:45 - 12:00p.m.	329	39	0	368
12:00 - 12:15 p.m.	311	41	0	352
12:15 - 12:30 p.m.	324	39	0	363
12:30 - 12:45 p.m.	328	42	0	370
12:45 - 1:00 p.m.	365	44	0	409
1:00 - 1:15 p.m.	329	47	0	376
1:15 - 1:30 p.m.	336	38	0	374
1:30 - 1:45 p.m.	341	40	1	382
1:45 - 2:00 p.m.	376	42	0	418
2:00 - 2:15 p.m.	389	39	0	428
2:15 -2:30 p.m.	368	44	1	413
2:30 - 2:45 p.m.	357	43	0	400
2:45 - 3:00 p.m.	384	56	1	441
3:00 - 3:15 p.m.	371	47	1	419
3:15 - 3:30 p.m.	289	49	0	338
3:30 - 3:45 p.m.	325	37	0	362
3:45 - 4:00 p.m.	349	36	1	386
4:00 - 4:15 p.m.	391	34	0	425
4:15 - 4:30 p.m.	329	34	1	364
4:30 - 4:45 p.m.	349	43	0	392
4:45 - 5:00 p.m.	358	42	0	400
5:00 - 5:15 p.m.	246	21	0	267
5:15 - 5:30 p.m.	337	49	0	386
5:30 - 5:45p.m.	368	46	0	414
5:45 - 6:00 p.m.	285	35	1	321
6:00 - 6:15 p.m.	421	38	2	461
6:15 - 6:30 p.m.	446	46	0	492
6:30 - 6:45 p.m.	384	42	0	426
6:45 - 7:00 p.m.	399	38	0	437
7:00 - 7:15 p.m.	418	48	0	466
7:15 - 7:30 p.m.	401	58	0	459
7:30 - 7:45 p.m.	311	34	0	345
7:45 - 8:00p.m.	361	30	0	391
8:00 - 8:15 p.m.	384	36	0	420
8:15 - 8:30 p.m.	398	45	0	443
8:30 - 8:45 p.m.	288	27	0	315
8:45 - 9:00p.m.	385	30	0	415
9:00- 9:15 p.m.	294	20	0	314
9:15 - 9:30 p.m.	318	26	0	344
9:30 - 9:45 p.m.	337	23	0	360
9: 45 - 10:00 p.m.	311	23	0	334

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE TRANSISTMICA - SAN MIGUELITO

Date: February 3, 2002 (Sunday)  
Direction: To Colon

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	376	36	0	412
10:15 - 10:30 p.m.	321	24	0	345
10:30 - 10:45 p.m.	297	31	1	329
10:45 - 11:00 p.m.	259	16	0	275
TOTAL	25773	2775	20	28568

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE TRANSISTMICA - SAN MIGUELITO  
 Date: February 3, 2002 (Sunday)

Hour	Movement		Total
	To Panama City	To Colon	
12:00 - 1:00 a.m.	781	1188	1969
1:00 - 2:00 a.m.	630	877	1507
2:00 - 3:00 a.m.	498	771	1269
3:00 - 4:00 a.m.	522	744	1266
4:00 - 5:00 a.m.	475	742	1217
5:00 - 6:00 a.m.	529	763	1292
6:00 - 7:00 a.m.	846	901	1747
7:00 - 8:00 a.m.	866	986	1852
8:00 - 9:00 a.m.	1127	960	2087
9:00 - 10:00 a.m.	1416	1150	2566
10:00 - 11:00 a.m.	1399	1126	2525
11:00 - 12:00 p.m.	1436	1377	2813
12:00 - 1:00 p.m.	1179	1494	2673
1:00 - 2:00 p.m.	1117	1550	2667
2:00 - 3:00 p.m.	1243	1682	2925
3:00 - 4:00 p.m.	1114	1505	2619
4:00 - 5:00 p.m.	1447	1581	3028
5:00 - 6:00 p.m.	1312	1388	2700
6:00 - 7:00 p.m.	1609	1816	3425
7:00 - 8:00 p.m.	1420	1661	3081
8:00 - 9:00 p.m.	1320	1593	2913
9:00 - 10:00 p.m.	924	1352	2276
10:00 - 11:00 p.m.	905	1361	2266
<b>Total</b>	<b>24115</b>	<b>28568</b>	<b>52683</b>

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 1, 2002 (Friday)

Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
6:00 - 6:15 p.m.	89	21	0	110
6:15 - 6:30 p.m.	140	26	1	167
6:30 - 6:45 p.m.	154	25	0	179
6:45 - 7:00 p.m.	127	29	0	156
7:00 - 7:15 p.m.	147	23	0	170
7:15 - 7:30 p.m.	152	15	0	167
7:30 - 7:45 p.m.	149	10	0	159
7:45 - 8:00 p.m.	139	12	0	151
8:00 - 8:15 p.m.	127	5	0	132
8:15 - 8:30 p.m.	126	10	0	136
8:30 - 8:45 p.m.	114	8	0	122
8:45 - 9:00 p.m.	94	13	0	107
9:00 - 9:15 p.m.	100	11	0	111
9:15 - 9:30 p.m.	124	8	0	132
9:30 - 9:45 p.m.	93	5	0	98
9:45 - 10:00 p.m.	106	10	0	116
10:00 - 10:15 p.m.	81	9	0	90
10:15 - 10:30 p.m.	102	6	0	108
10:30 - 10:45 p.m.	116	4	0	120
10:45 - 11:00 p.m.	96	6	0	102
11:00 - 11:15 p.m.	77	5	0	82
11:15 - 11:30 p.m.	74	4	2	80
11:30 - 11:45 p.m.	73	2	0	75
11:45 - 12:00 a.m.	95	1	0	96
<b>TOTAL</b>	<b>2695</b>	<b>268</b>	<b>3</b>	<b>2966</b>

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 1, 2002 (Friday)  
 Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
6:00 - 6:15 p.m.	91	19	0	110
6:15 - 6:30 p.m.	106	23	0	129
6:30 - 6:45 p.m.	142	24	0	166
6:45 - 7:00 p.m.	110	22	0	132
7:00 - 7:15 p.m.	106	23	0	129
7:15 - 7:30 p.m.	132	18	0	150
7:30 - 7:45 p.m.	101	23	0	124
7:45 - 8:00 p.m.	140	24	0	164
8:00 - 8:15 p.m.	127	19	0	146
8:15 - 8:30 p.m.	139	23	0	162
8:30 - 8:45 p.m.	132	23	0	155
8:45 - 9:00 p.m.	45	17	0	62
9:00 - 9:15 p.m.	118	11	0	129
9:15 - 9:30 p.m.	141	18	0	159
9:30 - 9:45 p.m.	112	9	0	121
9:45 - 10:00 p.m.	131	9	0	140
10:00 - 10:15 p.m.	98	12	0	110
10:15 - 10:30 p.m.	104	11	0	115
10:30 - 10:45 p.m.	97	7	0	104
10:45 - 11:00 p.m.	101	7	0	108
11:00 - 11:15 p.m.	93	9	0	102
11:15 - 11:30 p.m.	97	8	0	105
11:30 - 11:45 p.m.	87	6	0	93
11:45 - 12:00 a.m.	76	9	0	85
<b>TOTAL</b>	<b>2626</b>	<b>374</b>	<b>0</b>	<b>3000</b>

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO  
 Date: February 1, 2002 (Friday)

Hour	Movement		Total
	To Panama City	To Juan Diaz	
6:00 - 7:00 p.m.	612	537	1149
7:00 - 8:00 p.m.	647	567	1214
8:00 - 9:00 p.m.	497	525	1022
9:00 - 10:00 p.m.	457	549	1006
10:00 - 11:00 p.m.	420	437	857
11:00 - 12:00 a.m.	333	385	718
Total	2966	3000	5966



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 2, 2002 (Saturday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	110	0	0	110
12:15 - 12:30 a.m.	128	2	0	130
12:30 - 12:45 a.m.	118	1	0	119
12:45 - 1:00 a.m.	111	2	0	113
1:00 - 1:15 a.m.	83	3	0	86
1:15 - 1:30 a.m.	89	0	0	89
1:30 - 1:45 a.m.	87	2	0	89
1:45 - 2:00 a.m.	90	1	0	91
2:00 - 2:15 a.m.	86	0	0	86
2:15 - 2:30 a.m.	75	2	0	77
2:30 - 2:45 a.m.	82	0	0	82
2:45 - 3:00 a.m.	69	0	0	69
3:00 - 3:15 a.m.	73	2	0	75
3:15 - 3:30 a.m.	54	1	0	55
3:30 - 3:45 a.m.	58	1	0	59
3:45 - 4:00 a.m.	40	1	0	41
4:00 - 4:15 a.m.	58	1	0	59
4:15 - 4:30 a.m.	59	7	0	66
4:30 - 4:45 a.m.	75	7	0	82
4:45 - 5:00 a.m.	73	11	0	84
5:00 - 5:15 a.m.	94	11	0	105
5:15 - 5:30 a.m.	86	20	0	106
5:30 - 5:45 a.m.	126	27	0	153
5:45 - 6:00 a.m.	78	24	0	102
6:00 - 6:15 a.m.	164	14	0	178
6:15 - 6:30 a.m.	216	26	0	242
6:30 - 6:45 a.m.	267	32	0	299
6:45 - 7:00 a.m.	312	33	0	345
7:00 - 7:15 a.m.	358	37	0	395
7:15 - 7:30 a.m.	389	38	0	427
7:30 - 7:45 a.m.	404	25	0	429
7:45 - 8:00 a.m.	374	27	0	401
8:00 - 8:15 a.m.	292	30	0	322
8:15 - 8:30 a.m.	222	35	0	257
8:30 - 8:45 a.m.	309	31	1	341
8:45 - 9:00 a.m.	315	34	0	349
9:00 - 9:15 a.m.	296	24	0	320
9:15 - 9:30 a.m.	293	28	0	321
9:30 - 9:45 a.m.	311	25	0	336
9:45 - 10:00 a.m.	305	31	0	336
10:00 - 10:15 a.m.	348	46	0	394
10:15 - 10:30 a.m.	353	42	0	395
10:30 - 10:45 a.m.	309	38	0	347
10:45 - 11:00 a.m.	296	36	1	333

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 2, 2002 (Saturday)

Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	352	44	0	396
11:15 - 11:30 a.m.	362	33	0	395
11:30 - 11:45 a.m.	386	37	0	423
11:45 - 12:00 p.m.	368	35	0	403
12:00 - 12:15 p.m.	153	30	0	183
12:15 - 12:30 p.m.	284	44	0	328
12:30 - 12:45 p.m.	321	48	0	369
12:45 - 1:00 p.m.	297	45	0	342
1:00 - 1:15 p.m.	264	35	1	300
1:15 - 1:30 p.m.	356	47	1	404
1:30 - 1:45 p.m.	324	43	1	368
1:45 - 2:00 p.m.	322	34	1	357
2:00 - 2:15 p.m.	307	44	0	351
2:15 - 2:30 p.m.	330	40	0	370
2:30 - 2:45 p.m.	267	31	0	298
2:45 - 3:00 p.m.	305	44	0	349
3:00 - 3:15 p.m.	308	29	0	337
3:15 - 3:30 p.m.	341	35	0	376
3:30 - 3:45 p.m.	311	30	1	342
3:45 - 4:00 p.m.	297	37	0	334
4:00 - 4:15 p.m.	386	40	0	426
4:15 - 4:30 p.m.	292	34	0	326
4:30 - 4:45 p.m.	310	26	0	336
4:45 - 5:00 p.m.	317	46	0	363
5:00 - 5:15 p.m.	316	28	0	344
5:15 - 5:30 p.m.	267	37	0	304
5:30 - 5:45 p.m.	328	29	0	357
5:45 - 6:00 p.m.	307	26	0	333
6:00 - 6:15 p.m.	419	15	0	434
6:15 - 6:30 p.m.	332	34	0	366
6:30 - 6:45 p.m.	429	29	0	458
6:45 - 7:00 p.m.	386	34	0	420
7:00 - 7:15 p.m.	327	27	0	354
7:15 - 7:30 p.m.	371	32	0	403
7:30 - 7:45 p.m.	349	17	0	366
7:45 - 8:00 p.m.	411	29	1	441
8:00 - 8:15 p.m.	331	31	0	362
8:15 - 8:30 p.m.	396	21	0	417
8:30 - 8:45 p.m.	334	15	0	349
8:45 - 9:00 p.m.	354	26	0	380
9:00 - 9:15 p.m.	314	16	0	330
9:15 - 9:30 p.m.	333	22	0	355
9:30 - 9:45 p.m.	323	19	0	342
9:45 - 10:00 p.m.	287	11	0	298

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 2, 2002 (Saturday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	269	8	0	277
10:15 - 10:30 p.m.	238	7	0	245
10:30 - 10:45 p.m.	280	8	0	288
10:45 - 11:00 p.m.	323	8	0	331
11:00 - 11:15 p.m.	259	9	0	268
11:15 - 11:30 p.m.	247	6	0	253
11:30 - 11:45 p.m.	197	9	0	206
11:45 - 12:00 a.m.	193	7	0	200
TOTAL	24615	2229	8	26852

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 2, 2002 (Saturday)  
Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	130	6	0	136
12:15 - 12:30 a.m.	118	3	0	121
12:30 - 12:45 a.m.	118	5	0	123
12:45 - 1:00 a.m.	91	3	0	94
1:00 - 1:15 a.m.	96	2	0	98
1:15 - 1:30 a.m.	100	0	0	100
1:30 - 1:45 a.m.	98	0	0	98
1:45 - 2:00 a.m.	95	1	0	96
2:00 - 2:15 a.m.	108	0	0	108
2:15 - 2:30 a.m.	80	0	0	80
2:30 - 2:45 a.m.	81	2	0	83
2:45 - 3:00 a.m.	87	2	0	89
3:00 - 3:15 a.m.	77	2	0	79
3:15 - 3:30 a.m.	59	0	0	59
3:30 - 3:45 a.m.	37	0	0	37
3:45 - 4:00 a.m.	59	0	0	59
4:00 - 4:15 a.m.	69	5	0	74
4:15 - 4:30 a.m.	79	10	0	89
4:30 - 4:45 a.m.	47	6	0	53
4:45 - 5:00 a.m.	46	4	0	50
5:00 - 5:15 a.m.	65	8	0	73
5:15 - 5:30 a.m.	52	12	1	65
5:30 - 5:45 a.m.	70	11	0	81
5:45 - 6:00 a.m.	55	13	2	70
6:00 - 6:15 a.m.	72	18	3	93
6:15 - 6:30 a.m.	82	12	2	96
6:30 - 6:45 a.m.	95	31	0	126
6:45 - 7:00 a.m.	62	23	0	85
7:00 - 7:15 a.m.	72	21	1	94
7:15 - 7:30 a.m.	99	33	0	132
7:30 - 7:45 a.m.	122	29	0	151
7:45 - 8:00 a.m.	119	22	0	141
8:00 - 8:15 a.m.	131	44	0	175
8:15 - 8:30 a.m.	160	32	0	192
8:30 - 8:45 a.m.	171	37	0	208
8:45 - 9:00 a.m.	165	24	0	189
9:00 - 9:15 a.m.	150	34	1	185
9:15 - 9:30 a.m.	168	33	0	201
9:30 - 9:45 a.m.	224	46	0	270
9:45 - 10:00 a.m.	180	40	0	220
10:00 - 10:15 a.m.	208	32	0	240
10:15 - 10:30 a.m.	170	41	0	211
10:30 - 10:45 a.m.	201	45	0	246
10:45 - 11:00 a.m.	205	48	0	253

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 2, 2002 (Saturday)  
Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	217	47	0	264
11:15 - 11:30 a.m.	200	29	0	229
11:30 - 11:45 a.m.	217	30	0	247
11:45 - 12:00 p.m.	210	23	0	233
12:00 - 12:15 p.m.	113	27	0	140
12:15 - 12:30 p.m.	256	47	0	303
12:30 - 12:45 p.m.	325	41	0	366
12:45 - 1:00 p.m.	236	36	1	273
1:00 - 1:15 p.m.	285	41	0	326
1:15 - 1:30 p.m.	295	40	0	335
1:30 - 1:45 p.m.	273	37	0	310
1:45 - 2:00 p.m.	295	44	0	339
2:00 - 2:15 p.m.	276	43	0	319
2:15 - 2:30 p.m.	200	36	0	236
2:30 - 2:45 p.m.	269	43	0	312
2:45 - 3:00 p.m.	227	28	1	256
3:00 - 3:15 p.m.	307	40	0	347
3:15 - 3:30 p.m.	293	40	1	334
3:30 - 3:45 p.m.	270	35	0	305
3:45 - 4:00 p.m.	227	42	0	269
4:00 - 4:15 p.m.	290	31	0	321
4:15 - 4:30 p.m.	265	28	0	293
4:30 - 4:45 p.m.	232	31	0	263
4:45 - 5:00 p.m.	264	19	0	283
5:00 - 5:15 p.m.	194	25	1	220
5:15 - 5:30 p.m.	236	25	1	262
5:30 - 5:45 p.m.	228	33	0	261
5:45 - 6:00 p.m.	230	23	1	254
6:00 - 6:15 p.m.	145	32	0	177
6:15 - 6:30 p.m.	279	29	0	308
6:30 - 6:45 p.m.	205	28	0	233
6:45 - 7:00 p.m.	243	33	0	276
7:00 - 7:15 p.m.	213	24	0	237
7:15 - 7:30 p.m.	225	30	0	255
7:30 - 7:45 p.m.	272	24	1	297
7:45 - 8:00 p.m.	295	19	0	314
8:00 - 8:15 p.m.	202	16	0	218
8:15 - 8:30 p.m.	250	17	0	267
8:30 - 8:45 p.m.	259	15	0	274
8:45 - 9:00 p.m.	237	17	0	254
9:00 - 9:15 p.m.	277	19	1	297
9:15 - 9:30 p.m.	243	11	2	256
9:30 - 9:45 p.m.	200	10	0	210
9:45 - 10:00 p.m.	220	12	0	232

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 2, 2002 (Saturday)  
 Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	244	15	0	259
10:15 - 10:30 p.m.	229	16	0	245
10:30 - 10:45 p.m.	246	18	0	264
10:45 - 11:00 p.m.	227	10	0	237
11:00 - 11:15 p.m.	203	7	1	211
11:15 - 11:30 p.m.	211	14	0	225
11:30 - 11:45 p.m.	220	12	0	232
11:45 - 12:00 a.m.	189	8	0	197
TOTAL	17237	2140	21	19398

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO  
 Date: February 2, 2002 (Saturday)

Hour	Movement		Total
	To Panama City	To Juan Diaz	
12:00 - 1:00 a.m.	472	474	946
1:00 - 2:00 a.m.	355	392	747
2:00 - 3:00 a.m.	314	360	674
3:00 - 4:00 a.m.	230	234	464
4:00 - 5:00 a.m.	291	266	557
5:00 - 6:00 a.m.	466	289	755
6:00 - 7:00 a.m.	1064	400	1464
7:00 - 8:00 a.m.	1652	518	2170
8:00 - 9:00 a.m.	1269	764	2033
9:00 - 10:00 a.m.	1313	876	2189
10:00 - 11:00 a.m.	1469	950	2419
11:00 - 12:00 p.m.	1617	973	2590
12:00 - 1:00 p.m.	1222	1082	2304
1:00 - 2:00 p.m.	1429	1310	2739
2:00 - 3:00 p.m.	1368	1123	2491
3:00 - 4:00 p.m.	1389	1255	2644
4:00 - 5:00 p.m.	1451	1160	2611
5:00 - 6:00 p.m.	1338	997	2335
6:00 - 7:00 p.m.	1678	994	2672
7:00 - 8:00 p.m.	1564	1103	2667
8:00 - 9:00 p.m.	1508	1013	2521
9:00 - 10:00 p.m.	1325	995	2320
10:00 - 11:00 p.m.	1141	1005	2146
11:00 - 12:00 a.m.	927	865	1792
Total	26852	19398	46250

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 3, 2002 (Sunday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	144	0	0	144
12:15 - 12:30 a.m.	150	1	0	151
12:30 - 12:45 a.m.	120	2	0	122
12:45 - 1:00 a.m.	114	1	0	115
1:00 - 1:15 a.m.	105	2	0	107
1:15 - 1:30 a.m.	81	3	0	84
1:30 - 1:45 a.m.	102	1	0	103
1:45 - 2:00 a.m.	76	3	1	80
2:00 - 2:15 a.m.	95	1	0	96
2:15 - 2:30 a.m.	147	0	0	147
2:30 - 2:45 a.m.	79	0	0	79
2:45 - 3:00 a.m.	92	4	0	96
3:00 - 3:15 a.m.	97	0	0	97
3:15 - 3:30 a.m.	54	0	0	54
3:30 - 3:45 a.m.	97	1	0	98
3:45 - 4:00 a.m.	80	2	0	82
4:00 - 4:15 a.m.	80	4	0	84
4:15 - 4:30 a.m.	86	3	0	89
4:30 - 4:45 a.m.	69	2	0	71
4:45 - 5:00 a.m.	70	5	0	75
5:00 - 5:15 a.m.	83	4	0	87
5:15 - 5:30 a.m.	81	8	0	89
5:30 - 5:45 a.m.	110	18	0	128
5:45 - 6:00 a.m.	86	11	0	97
6:00 - 6:15 a.m.	40	7	0	47
6:15 - 6:30 a.m.	41	7	0	48
6:30 - 6:45 a.m.	48	8	0	56
6:45 - 7:00 a.m.	66	19	0	85
7:00 - 7:15 a.m.	73	9	0	82
7:15 - 7:30 a.m.	87	12	0	99
7:30 - 7:45 a.m.	43	6	0	49
7:45 - 8:00 a.m.	53	14	0	67
8:00 - 8:15 a.m.	71	8	0	79
8:15 - 8:30 a.m.	114	21	1	136
8:30 - 8:45 a.m.	39	5	0	44
8:45 - 9:00 a.m.	107	12	0	119
9:00 - 9:15 a.m.	123	12	0	135
9:15 - 9:30 a.m.	151	21	0	172
9:30 - 9:45 a.m.	164	13	0	177
9:45 - 10:00 a.m.	144	18	1	163
10:00 - 10:15 a.m.	173	14	1	188
10:15 - 10:30 a.m.	163	13	1	177
10:30 - 10:45 a.m.	180	6	0	186
10:45 - 11:00 a.m.	235	15	1	251



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 3, 2002 (Sunday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	189	8	0	197
11:15 - 11:30 a.m.	217	13	0	230
11:30 - 11:45 a.m.	154	20	0	174
11:45 - 12:00 p.m.	137	9	1	147
12:00 - 12:15 p.m.	173	17	0	190
12:15 - 12:30 p.m.	218	12	0	230
12:30 - 12:45 p.m.	259	15	2	276
12:45 - 1:00 p.m.	281	20	1	302
1:00 - 1:15 p.m.	227	17	0	244
1:15 - 1:30 p.m.	241	16	0	257
1:30 - 1:45 p.m.	225	14	1	240
1:45 - 2:00 p.m.	249	14	1	264
2:00 - 2:15 p.m.	280	16	1	297
2:15 - 2:30 p.m.	289	14	0	303
2:30 - 2:45 p.m.	257	14	0	271
2:45 - 3:00 p.m.	269	16	0	285
3:00 - 3:15 p.m.	316	13	0	329
3:15 - 3:30 p.m.	255	12	0	267
3:30 - 3:45 p.m.	247	17	0	264
3:45 - 4:00 p.m.	265	16	1	282
4:00 - 4:15 p.m.	272	17	1	290
4:15 - 4:30 p.m.	275	14	0	289
4:30 - 4:45 p.m.	315	14	1	330
4:45 - 5:00 p.m.	305	15	0	320
5:00 - 5:15 p.m.	286	17	0	303
5:15 - 5:30 p.m.	309	16	0	325
5:30 - 5:45 p.m.	316	18	0	334
5:45 - 6:00 p.m.	330	14	0	344
6:00 - 6:15 p.m.	96	10	0	106
6:15 - 6:30 p.m.	154	12	0	166
6:30 - 6:45 p.m.	123	9	0	132
6:45 - 7:00 p.m.	138	14	1	153
7:00 - 7:15 p.m.	170	10	1	181
7:15 - 7:30 p.m.	208	19	0	227
7:30 - 7:45 p.m.	171	16	0	187
7:45 - 8:00 p.m.	152	23	0	175
8:00 - 8:15 p.m.	206	19	0	225
8:15 - 8:30 p.m.	189	19	0	208
8:30 - 8:45 p.m.	167	18	1	186
8:45 - 9:00 p.m.	136	9	0	145
9:00 - 9:15 p.m.	161	8	1	170
9:15 - 9:30 p.m.	84	6	1	91
9:30 - 9:45 p.m.	147	12	0	159
9:45 - 10:00 p.m.	128	5	0	133

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 3, 2002 (Sunday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	143	7	0	150
10:15 - 10:30 p.m.	106	10	0	116
10:30 - 10:45 p.m.	53	4	0	57
10:45 - 11:00 p.m.	46	3	0	49
11:00 - 11:15 p.m.	68	3	0	71
11:15 - 11:30 p.m.	46	1	0	47
11:30 - 11:45 p.m.	76	6	0	82
11:45 - 12:00 a.m.	63	3	0	66
TOTAL	14600	980	21	15601

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 3, 2002 (Sunday)  
 Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	150	7	0	157
12:15 - 12:30 a.m.	155	5	0	160
12:30 - 12:45 a.m.	131	6	0	137
12:45 - 1:00 a.m.	88	3	0	91
1:00 - 1:15 a.m.	100	4	0	104
1:15 - 1:30 a.m.	129	3	0	132
1:30 - 1:45 a.m.	100	4	0	104
1:45 - 2:00 a.m.	91	3	0	94
2:00 - 2:15 a.m.	110	2	0	112
2:15 - 2:30 a.m.	120	2	0	122
2:30 - 2:45 a.m.	46	0	0	46
2:45 - 3:00 a.m.	122	4	0	126
3:00 - 3:15 a.m.	100	2	0	102
3:15 - 3:30 a.m.	70	0	0	70
3:30 - 3:45 a.m.	107	1	0	108
3:45 - 4:00 a.m.	104	2	0	106
4:00 - 4:15 a.m.	80	0	0	80
4:15 - 4:30 a.m.	102	4	0	106
4:30 - 4:45 a.m.	52	3	0	55
4:45 - 5:00 a.m.	127	6	0	133
5:00 - 5:15 a.m.	57	4	0	61
5:15 - 5:30 a.m.	70	5	0	75
5:30 - 5:45 a.m.	50	10	1	61
5:45 - 6:00 a.m.	58	7	2	67
6:00 - 6:15 a.m.	34	6	1	41
6:15 - 6:30 a.m.	22	2	1	25
6:30 - 6:45 a.m.	35	5	2	42
6:45 - 7:00 a.m.	39	10	1	50
7:00 - 7:15 a.m.	50	10	0	60
7:15 - 7:30 a.m.	45	19	0	64
7:30 - 7:45 a.m.	47	6	0	53
7:45 - 8:00 a.m.	39	6	0	45
8:00 - 8:15 a.m.	65	13	1	79
8:15 - 8:30 a.m.	76	17	0	93
8:30 - 8:45 a.m.	37	13	1	51
8:45 - 9:00 a.m.	70	12	0	82
9:00 - 9:15 a.m.	49	10	0	59
9:15 - 9:30 a.m.	68	13	0	81
9:30 - 9:45 a.m.	103	15	1	119
9:45 - 10:00 a.m.	90	15	0	105
10:00 - 10:15 a.m.	109	17	0	126
10:15 - 10:30 a.m.	101	13	1	115
10:30 - 10:45 a.m.	97	14	0	111
10:45 - 11:00 a.m.	149	22	0	171

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 3, 2002 (Sunday)

Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	121	20	0	141
11:15 - 11:30 a.m.	169	14	0	183
11:30 - 11:45 a.m.	129	24	0	153
11:45 - 12:00 p.m.	121	20	0	141
12:00 - 12:15 p.m.	140	12	0	152
12:15 - 12:30 p.m.	203	13	0	216
12:30 - 12:45 p.m.	198	16	0	214
12:45 - 1:00 p.m.	177	25	0	202
1:00 - 1:15 p.m.	201	15	0	216
1:15 - 1:30 p.m.	202	20	0	222
1:30 - 1:45 p.m.	187	9	0	196
1:45 - 2:00 p.m.	183	17	0	200
2:00 - 2:15 p.m.	200	21	0	221
2:15 - 2:30 p.m.	213	14	0	227
2:30 - 2:45 p.m.	190	14	0	204
2:45 - 3:00 p.m.	210	16	0	226
3:00 - 3:15 p.m.	205	16	0	221
3:15 - 3:30 p.m.	180	17	1	198
3:30 - 3:45 p.m.	165	19	0	184
3:45 - 4:00 p.m.	184	17	0	201
4:00 - 4:15 p.m.	202	24	0	226
4:15 - 4:30 p.m.	184	13	0	197
4:30 - 4:45 p.m.	171	17	0	188
4:45 - 5:00 p.m.	205	26	0	231
5:00 - 5:15 p.m.	181	21	0	202
5:15 - 5:30 p.m.	183	14	0	197
5:30 - 5:45 p.m.	159	12	0	171
5:45 - 6:00 p.m.	184	16	0	200
6:00 - 6:15 p.m.	145	6	0	151
6:15 - 6:30 p.m.	329	32	0	361
6:30 - 6:45 p.m.	283	13	0	296
6:45 - 7:00 p.m.	346	14	0	360
7:00 - 7:15 p.m.	365	16	0	381
7:15 - 7:30 p.m.	317	9	0	326
7:30 - 7:45 p.m.	320	10	0	330
7:45 - 8:00 p.m.	302	8	0	310
8:00 - 8:15 p.m.	356	6	1	363
8:15 - 8:30 p.m.	324	16	0	340
8:30 - 8:45 p.m.	252	8	0	260
8:45 - 9:00 p.m.	258	17	0	275
9:00 - 9:15 p.m.	232	10	0	242
9:15 - 9:30 p.m.	164	4	1	169
9:30 - 9:45 p.m.	218	9	0	227
9:45 - 10:00 p.m.	137	4	0	141

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 3, 2002 (Sunday)  
Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
10:00 - 10:15 p.m.	195	4	0	199
10:15 - 10:30 p.m.	183	5	1	189
10:30 - 10:45 p.m.	165	6	0	171
10:45 - 11:00 p.m.	142	15	1	158
11:00 - 11:15 p.m.	112	8	0	120
11:15 - 11:30 p.m.	103	3	0	106
11:30 - 11:45 p.m.	90	1	1	92
11:45 - 12:00 a.m.	76	0	0	76
TOTAL	14105	1031	18	15154

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO  
 Date: February 3, 2002 (Sunday)

Hour	Movement		Total
	To Panama City	To Juan Diaz	
12:00 - 1:00 a.m.	532	545	1077
1:00 - 2:00 a.m.	374	434	808
2:00 - 3:00 a.m.	418	406	824
3:00 - 4:00 a.m.	331	386	717
4:00 - 5:00 a.m.	319	374	693
5:00 - 6:00 a.m.	401	264	665
6:00 - 7:00 a.m.	236	158	394
7:00 - 8:00 a.m.	297	222	519
8:00 - 9:00 a.m.	378	305	683
9:00 - 10:00 a.m.	647	364	1011
10:00 - 11:00 a.m.	802	523	1325
11:00 - 12:00 p.m.	748	618	1366
12:00 - 1:00 p.m.	998	784	1782
1:00 - 2:00 p.m.	1005	834	1839
2:00 - 3:00 p.m.	1156	878	2034
3:00 - 4:00 p.m.	1142	804	1946
4:00 - 5:00 p.m.	1229	842	2071
5:00 - 6:00 p.m.	1306	770	2076
6:00 - 7:00 p.m.	557	1168	1725
7:00 - 8:00 p.m.	770	1347	2117
8:00 - 9:00 p.m.	764	1238	2002
9:00 - 10:00 p.m.	553	779	1332
10:00 - 11:00 p.m.	372	717	1089
11:00 - 12:00 a.m.	266	394	660
Total	15601	15154	30755

SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 4, 2002 (Monday)  
Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	59	2	0	61
12:15 - 12:30 a.m.	33	2	0	35
12:30 - 12:45 a.m.	56	6	0	62
12:45 - 1:00 a.m.	44	2	0	46
1:00 - 1:15 a.m.	37	3	0	40
1:15 - 1:30 a.m.	44	0	0	44
1:30 - 1:45 a.m.	33	2	0	35
1:45 - 2:00 a.m.	20	0	1	21
2:00 - 2:15 a.m.	32	1	0	33
2:15 - 2:30 a.m.	22	2	0	24
2:30 - 2:45 a.m.	26	1	0	27
2:45 - 3:00 a.m.	18	2	0	20
3:00 - 3:15 a.m.	22	0	0	22
3:15 - 3:30 a.m.	19	0	0	19
3:30 - 3:45 a.m.	24	5	0	29
3:45 - 4:00 a.m.	26	3	0	29
4:00 - 4:15 a.m.	23	4	0	27
4:15 - 4:30 a.m.	27	11	0	38
4:30 - 4:45 a.m.	50	7	0	57
4:45 - 5:00 a.m.	58	18	0	76
5:00 - 5:15 a.m.	65	19	0	84
5:15 - 5:30 a.m.	88	29	0	117
5:30 - 5:45 a.m.	151	38	0	189
5:45 - 6:00 a.m.	218	39	0	257
6:00 - 6:15 a.m.	369	32	0	401
6:15 - 6:30 a.m.	364	47	0	411
6:30 - 6:45 a.m.	556	42	0	598
6:45 - 7:00 a.m.	581	54	0	635
7:00 - 7:15 a.m.	539	42	0	581
7:15 - 7:30 a.m.	488	32	0	520
7:30 - 7:45 a.m.	456	54	0	510
7:45 - 8:00 a.m.	378	47	0	425
8:00 - 8:15 a.m.	345	52	0	397
8:15 - 8:30 a.m.	295	48	0	343
8:30 - 8:45 a.m.	352	53	0	405
8:45 - 9:00 a.m.	372	37	0	409
9:00 - 9:15 a.m.	292	44	2	338
9:15 - 9:30 a.m.	347	45	1	393
9:30 - 9:45 a.m.	376	47	0	423
9:45 - 10:00 a.m.	352	50	3	405
10:00 - 10:15 a.m.	374	34	1	409
10:15 - 10:30 a.m.	285	45	0	330
10:30 - 10:45 a.m.	324	39	0	363
10:45 - 11:00 a.m.	312	41	0	353

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 4, 2002 (Monday)  
 Direction: To Panama City

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	359	42	1	402
11:15 - 11:30 a.m.	310	49	2	361
11:30 - 11:45 a.m.	352	40	0	392
11:45 - 12:00 p.m.	334	42	1	377
12:00 - 12:15 p.m.	364	36	0	400
12:15 - 12:30 p.m.	338	32	0	370
12:30 - 12:45 p.m.	342	38	0	380
12:45 - 1:00 p.m.	309	34	0	343
1:00 - 1:15 p.m.	293	36	1	330
1:15 - 1:30 p.m.	342	35	0	377
1:30 - 1:45 p.m.	318	38	0	356
1:45 - 2:00 p.m.	312	40	0	352
2:00 - 2:15 p.m.	350	40	0	390
2:15 - 2:30 p.m.	301	32	0	333
2:30 - 2:45 p.m.	314	35	0	349
2:45 - 3:00 p.m.	292	39	0	331
3:00 - 3:15 p.m.	247	36	0	283
3:15 - 3:30 p.m.	316	41	0	357
3:30 - 3:45 p.m.	262	38	0	300
3:45 - 4:00 p.m.	237	30	0	267
4:00 - 4:15 p.m.	358	33	1	392
4:15 - 4:30 p.m.	251	42	0	293
4:30 - 4:45 p.m.	251	32	0	283
4:45 - 5:00 p.m.	225	35	0	260
5:00 - 5:15 p.m.	355	26	1	382
5:15 - 5:30 p.m.	285	28	0	313
5:30 - 5:45 p.m.	313	27	1	341
5:45 - 6:00 p.m.	239	22	1	262
<b>TOTAL</b>	<b>17521</b>	<b>2079</b>	<b>17</b>	<b>19617</b>



SOLID WASTE MANAGEMENT PLAN  
TRAFFIC VOLUME SURVEY  
BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 4, 2002 (Monday)  
Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
12:00 - 12:15 a.m.	78	2	0	80
12:15 - 12:30 a.m.	52	4	0	56
12:30 - 12:45 a.m.	65	1	0	66
12:45 - 1:00 a.m.	49	3	0	52
1:00 - 1:15 a.m.	39	3	0	42
1:15 - 1:30 a.m.	45	3	0	48
1:30 - 1:45 a.m.	46	1	0	47
1:45 - 2:00 a.m.	29	0	0	29
2:00 - 2:15 a.m.	23	1	0	24
2:15 - 2:30 a.m.	32	0	0	32
2:30 - 2:45 a.m.	29	0	0	29
2:45 - 3:00 a.m.	19	0	0	19
3:00 - 3:15 a.m.	22	0	0	22
3:15 - 3:30 a.m.	20	3	0	23
3:30 - 3:45 a.m.	18	0	0	18
3:45 - 4:00 a.m.	25	0	0	25
4:00 - 4:15 a.m.	19	1	0	20
4:15 - 4:30 a.m.	22	4	0	26
4:30 - 4:45 a.m.	22	5	0	27
4:45 - 5:00 a.m.	21	4	0	25
5:00 - 5:15 a.m.	21	7	0	28
5:15 - 5:30 a.m.	39	10	0	49
5:30 - 5:45 a.m.	38	14	0	52
5:45 - 6:00 a.m.	46	15	5	66
6:00 - 6:15 a.m.	42	22	0	64
6:15 - 6:30 a.m.	54	10	0	64
6:30 - 6:45 a.m.	57	31	1	89
6:45 - 7:00 a.m.	92	56	0	148
7:00 - 7:15 a.m.	72	18	1	91
7:15 - 7:30 a.m.	74	58	0	132
7:30 - 7:45 a.m.	129	39	0	168
7:45 - 8:00 a.m.	139	46	0	185
8:00 - 8:15 a.m.	159	29	0	188
8:15 - 8:30 a.m.	131	27	0	158
8:30 - 8:45 a.m.	177	30	0	207
8:45 - 9:00 a.m.	148	32	0	180
9:00 - 9:15 a.m.	184	41	0	225
9:15 - 9:30 a.m.	151	29	0	180
9:30 - 9:45 a.m.	157	39	0	196
9:45 - 10:00 a.m.	186	36	0	222
10:00 - 10:15 a.m.	144	36	0	180
10:15 - 10:30 a.m.	194	47	0	241
10:30 - 10:45 a.m.	190	43	0	233
10:45 - 11:00 a.m.	170	28	1	199

SOLID WASTE MANAGEMENT PLAN  
 TRAFFIC VOLUME SURVEY  
 BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO

Date: February 4, 2002 (Monday)  
 Direction: To Juan Diaz

Hour	Automobile	Heavy-Duty Vehicle	DIMAUD Vehicle	TOTAL
11:00 - 11:15 a.m.	171	36	0	207
11:15 - 11:30 a.m.	213	32	0	245
11:30 - 11:45 a.m.	187	45	0	232
11:45 - 12:00 p.m.	149	47	0	196
12:00 - 12:15 p.m.	145	29	0	174
12:15 - 12:30 p.m.	209	34	0	243
12:30 - 12:45 p.m.	164	33	0	197
12:45 - 1:00 p.m.	201	31	0	232
1:00 - 1:15 p.m.	171	37	0	208
1:15 - 1:30 p.m.	212	44	0	256
1:30 - 1:45 p.m.	195	38	0	233
1:45 - 2:00 p.m.	203	52	0	255
2:00 - 2:15 p.m.	194	36	0	230
2:15 - 2:30 p.m.	205	41	0	246
2:30 - 2:45 p.m.	187	39	0	226
2:45 - 3:00 p.m.	163	36	1	200
3:00 - 3:15 p.m.	171	32	1	204
3:15 - 3:30 p.m.	172	28	1	201
3:30 - 3:45 p.m.	159	33	0	192
3:45 - 4:00 p.m.	223	52	0	275
4:00 - 4:15 p.m.	158	42	0	200
4:15 - 4:30 p.m.	201	34	0	235
4:30 - 4:45 p.m.	232	39	1	272
4:45 - 5:00 p.m.	227	30	0	257
5:00 - 5:15 p.m.	230	22	0	252
5:15 - 5:30 p.m.	253	23	1	277
5:30 - 5:45 p.m.	205	21	0	226
5:45 - 6:00 p.m.	253	26	0	279
<b>TOTAL</b>	<b>8922</b>	<b>1770</b>	<b>13</b>	<b>10705</b>

**SOLID WASTE MANAGEMENT PLAN**  
**TRAFFIC VOLUME SURVEY**  
**BORDERLINE AVE. JOSE AGUSTIN ARANGO - RIO ABAJO**  
 Date: February 4, 2002 (Monday)

Hour	Movement		Total
	To Panama City	To Juan Diaz	
12:00 - 1:00 a.m.	204	254	458
1:00 - 2:00 a.m.	140	166	306
2:00 - 3:00 a.m.	104	104	208
3:00 - 4:00 a.m.	99	88	187
4:00 - 5:00 a.m.	198	98	296
5:00 - 6:00 a.m.	647	195	842
6:00 - 7:00 a.m.	2045	365	2410
7:00 - 8:00 a.m.	2036	576	2612
8:00 - 9:00 a.m.	1554	733	2287
9:00 - 10:00 a.m.	1559	823	2382
10:00 - 11:00 a.m.	1455	853	2308
11:00 - 12:00 p.m.	1532	880	2412
12:00 - 1:00 p.m.	1493	846	2339
1:00 - 2:00 p.m.	1415	952	2367
2:00 - 3:00 p.m.	1403	902	2305
3:00 - 4:00 p.m.	1207	872	2079
4:00 - 5:00 p.m.	1228	964	2192
5:00 - 6:00 p.m.	1298	1034	2332
<b>Total</b>	<b>19617</b>	<b>10705</b>	<b>30322</b>

# Data F

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*Topographic Survey*

## Topographic Survey

1.

- Visit to the Tommy Guardia Geographic Institute to research the location of the geodesic stations of the national grid closest to the Project. This information includes the description and elevation of each point in order to locate them in the field.
- Project site visit in order to locate to geodesic stations researched.
- Clearing of the work area and access roads.
- Location of benchmark Panama 15-A, located at the intersection of Via Ricardo J. Alfaro and Via Universidad Tecnologica, by a manhole.

2.

- Surveying was tied to “Cachete” station located in San Vicente with the following coordinates: E 654457.08 y N 1007684.20.



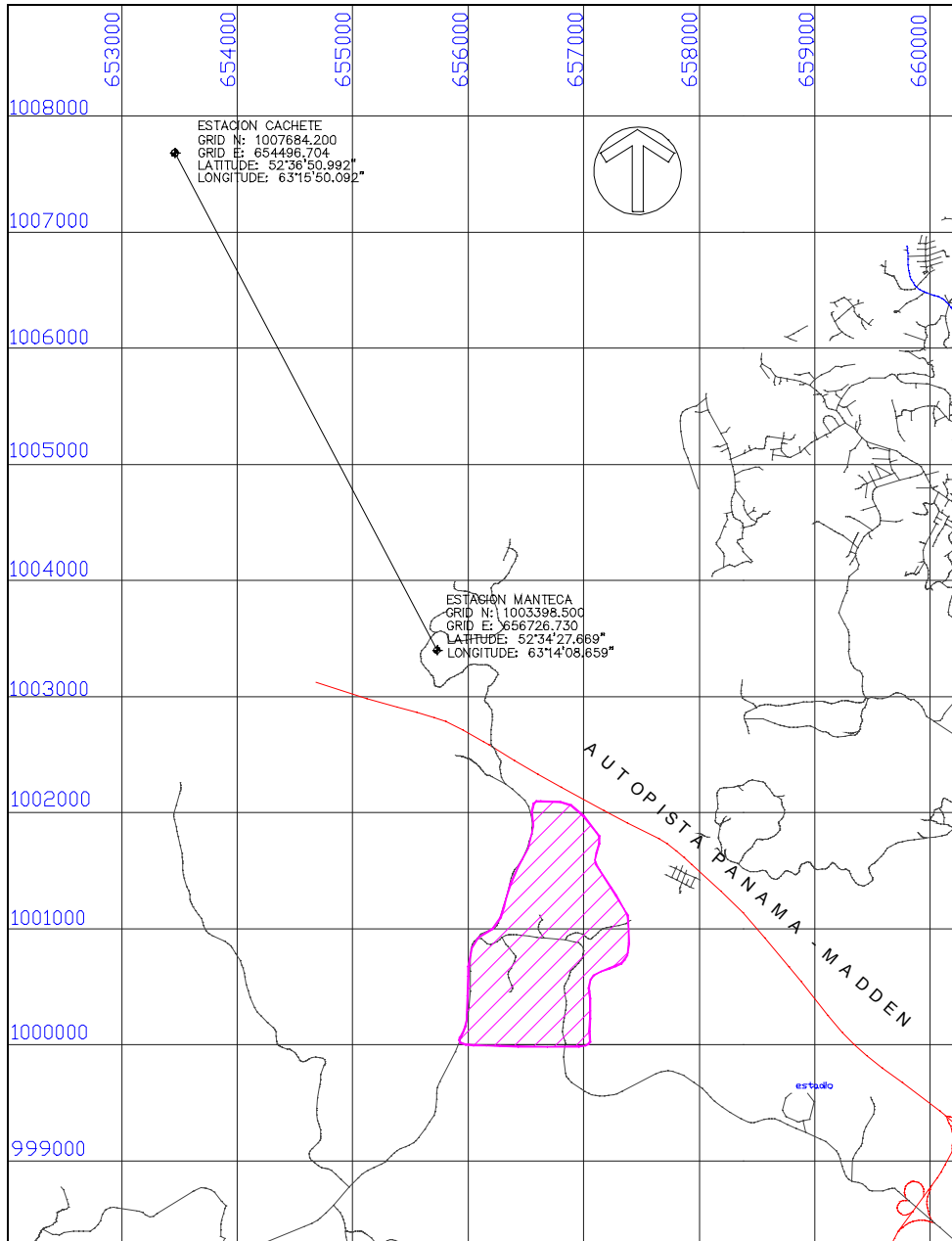
**Photos 1 and 2. Crew located at geodesic station “Cachete”.**

- Surveying was tied to “Manteca” station located in Mocambo Arriba with the following coordinates: E 656726.73 y N 1003398.50.

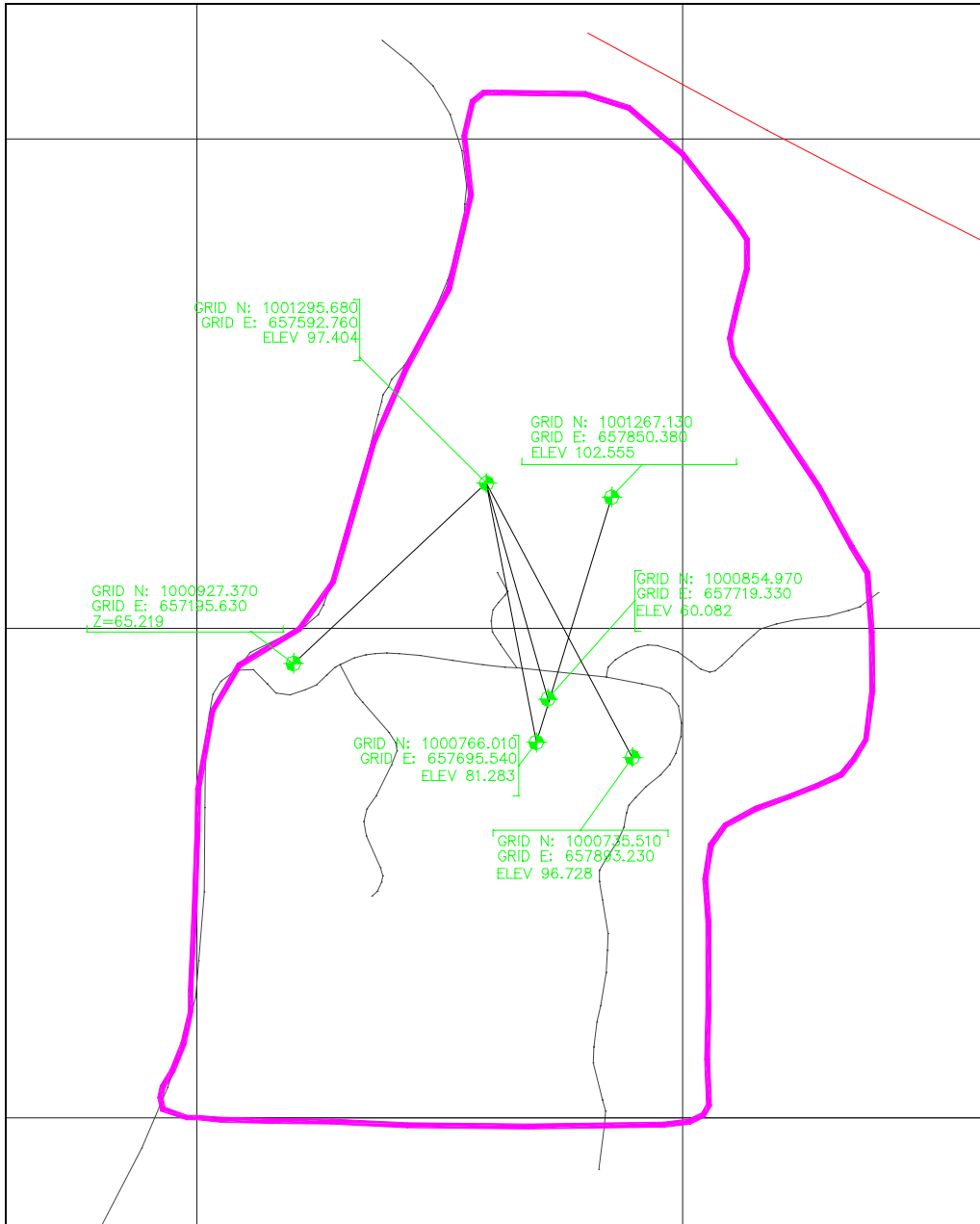


**Photos 3 and 4. Crew located at geodesic station “Manteca”.**

- Transport the geodesic coordinates to control stations to perform the surveying.



**Map 1. Location of stations “Cahete” and “Manteca” with respect to the Project boundaries.**



**Map 2. Location of control stations to perform the surveying.**

3.

- Transport the elevation of the interamerican geodesic benchmark 15-A located at 45.4199 meters above sea level, on the highway towards Cerro Patacon, in order to assign elevations to the control points with previously established coordinates.

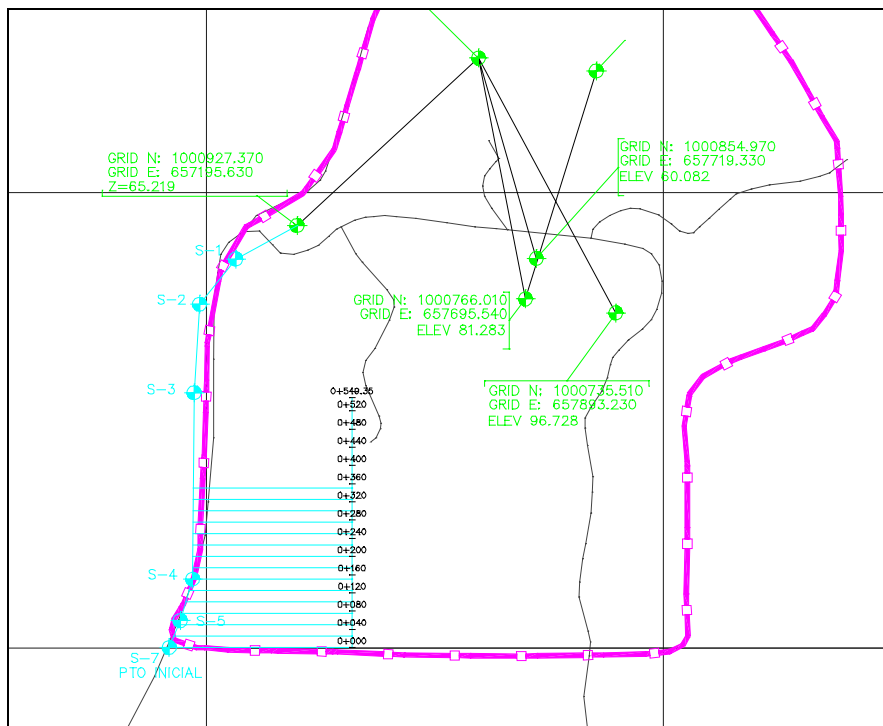


**Photos 5 y 6. Location and transport of geodesic benchmark PANAMA 15-A.**

It is important to note that during the first three working days the weather was favorable, with clear skies and no showers.

4.

- Transport coordinate and elevation of the initial Project boundary point with coordinates E 656915.960 y N 1000000.00

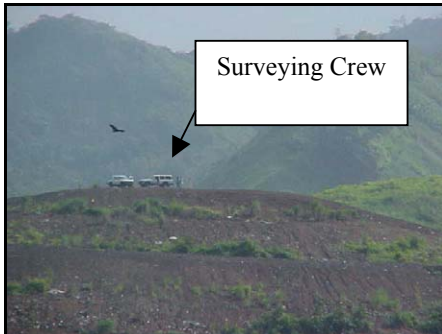


**Map 3. Location of the initial project boundary control points.**



6.

- Clearing of access ways to survey transverse sections every 25m.
- Topographic surveying at the landfill site.
- .



**Photos 7 and 8. Crews working at the landfill site.**

*Equipment used for surveying*



**Photos 9 and 10. TRIMBLE 3605 CE Total Station**



**Photos 11 and 12. TOPCON GTS-300 Total Station**



**Photo 13. Prisms**

5.

- Locating and monumenting two control points named “Kokusai 1” y “Kokusai 2”, with the following characteristics:
  - Its main objective is to serve as reference to tie planar coordinates and elevation for current and future surveying activities for the expansion of the Cerro Patacon expansion.
  - Point “Kokusai 1” is located at the corner of an office nearby a park (see photo #14) and point “Kokusai 2” is located at approximately 322.5 meters from the first point near a large tree (see photo #15). Both are located in areas where large earthworks are not expected.



**Photos 14 and 15. Location of control points “Kokusai 1” and “Kokusai 2”**

- Both points have a steel pin approximately 75 cms deep and are 30 to 40 cms in diameter.



**Photos 16 and 17. Plan view of control points “Kokusai 1” y “Kokusai 2”**

- Elevation and real coordinates were also assigned to each point as follows:
  - “Kokusai 1”:  
N 1000870.84  
E 657778.38  
Elevation: 59.80m
  - “Kokusai 2”:  
N 1000867.52  
E 657455.91  
Elevation: 60.7m

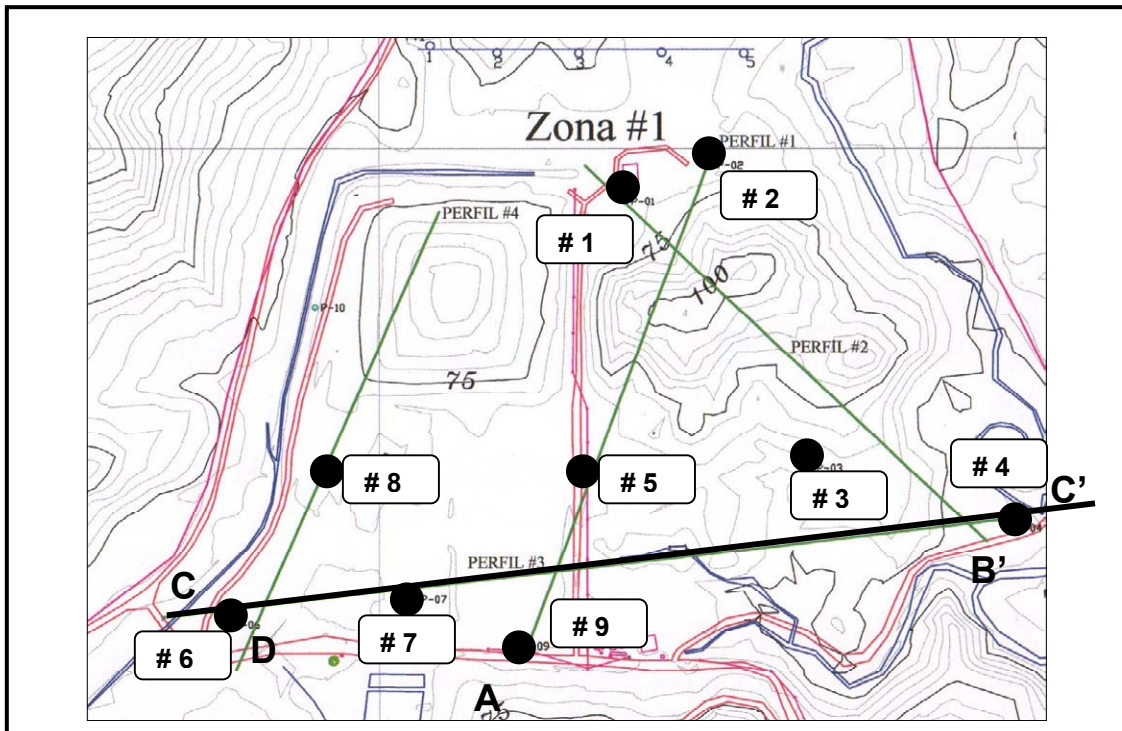
# Data G

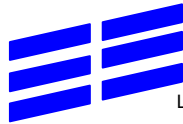
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*Geological Survey*

*Location Map of Boring Survey*





**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-1-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 24, 25/ 07/ 2002

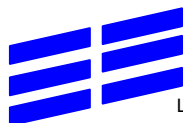
DEPTH *	ELEV. *	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	N SPT				% W.CONT.			
													20	40	60	80	20	40	60	80
0.10			Organic layer.									T								
0.60			Clayey silt, dark brown color, medium plasticity, moderately wet, with fragments of weathered rock, Consistency: firm.	1	A	18	2.39		44.4	44.4		S	●	■						
1.00													T							
1.50			Clay, dark brown color with gray tone, of medium to high plasticity, high wet. Consistency: firm.	1	I				100.0				S							
1.67																				
1.90				2	A	12	1.48		88.9	47.9		S	●	■						
2.00			Clay, brown color with light gray laminated, of medium to high plasticity, high wet. Consistency: firm.									T								
2.90																				
3.00					3	A	10	1.16		100.0	46.2		S	●	■					
4.00			Silty clay, brown color with light gray laminated, medium plasticity, high wet. Consistency: firm.									T								
4.20																				
4.50					4	A	12	1.48		100.0	47.5		S	●	■					
5.00													T							
6.00				5	A	15	2.00		100.0	46.4		S	●	■						
7.00			Silt from weathered residual material, dark brown color with gray tone, medium plasticity, medium wet. Consistency: hard.									T								
7.20																				
7.50					6	A	37	4.70		66.7	40.3		S	●	■					
7.75																				

**NOMENCLATURE:**

A - Disturbed	R - Rock
I - Undisturbed	HW - Hammer Weight
T - 3Cone Bit	S - Split-barrel
C - Carbide Bit	P - Iwan
D - Diamond Bit	qu - Unconfined Compression
RQD - Rock Quality Designation	

**REMARKS**

PHREATIC LEVEL = 1.67m AFTER 24 HOURS



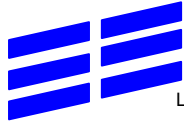
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-1-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 24, 25/ 07/ 2002

DEPTH *	ELEV. *	SIMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<span style="color: blue;">●</span> N SPT <span style="color: orange;">■</span> % W.CONT 20 40 60 80			
8.00			Silt from weathered residual material, dark brown color with gray tone, medium plasticity, medium wet. Consistency: hard.	7	A	50	+10.0		0.0			T				
9.00												S				
9.04			Weathered rock, color gray with green tone, lightly fractured, hardness: medium soft.									T				
10.00												T				
			<b>Bottom of the hole</b>													

**NOMENCLATURE:**  
 A - Disturbed                    R - Rock  
 I - Undisturbed                HW - Hammer Weight  
 T - 3Cone Bit                    S - Split-barrel  
 C - Carbide Bit                 P - Iwan  
 D - Diamond Bit                qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



**BOREHOLE PROFILE**

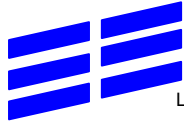
JOB No. 2-480 HOLE No. P#-2-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 27/ 07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	● N SPT ■ % W.CONT			
												20	40	60	80
0.00	[Diagonal hatching]	Silty clay, dark red color with light gray laminated, with fragments of weathered rock, medium plasticity, of low to medium wet. Consistency: firm.	1	A	18	2.39		88.9	42.9	↑	T				
0.60											S	●	■		
1.00											T				
1.50			2	A	26	3.43		100.0	17.6		S	■	●		
1.80															
2.00	[Cross-hatching]	Silt, brown color with red tone and points gray, low plasticity, low wet. Consistency: of firm to hard.									HW				
2.30								▼				T			
3.00			3	A	63	6.06		77.8	31.8		S	■	●		
3.30															
4.00	[Wavy hatching]	Silt from weathered residual material, dark brown color with red tone, low plasticity, medium wet. Consistency: hard.									T				
4.50												S	■	●	
5.00											T				
6.00			5	A	50	+10.0		91.7	31.8		S	■	●		
7.50			6	A	50	+10.0		0.0			S		●		

**NOMENCLATURE:**  
 A - Disturbed  
 I - Undisturbed  
 T - 3Cone Bit  
 C - Carbide Bit  
 D - Diamond Bit  
 RQD - Rock Quality Designation  
 R - Rock  
 HW - Hammer Weight  
 S - Split-barrel  
 P - Iwan  
 qu - Unconfined Compression

**REMARKS**  
 PHREATIC LEVEL = 2.30 m AFTER 24 HOURS





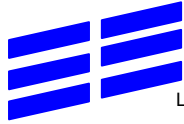
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-2-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 27/ 07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<span style="color: blue;">●</span> N SPT <span style="color: orange;">■</span> % W.CONT			
												20	40	60	80
8.00		Silt from weathered residual material, dark brown color with red tone, low plasticity, medium wet. Consistency: hard.									T				
9.00											T				
10.00												T			
		<b>Bottom of the hole</b>													

**NOMENCLATURE:**  
 A - Disturbed                      R - Rock  
 I - Undisturbed                    HW - Hammer Weight  
 T - 3Cone Bit                        S - Split-barrel  
 C - Carbide Bit                      P - Iwan  
 D - Diamond Bit                    qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



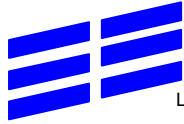
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-3-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 6 - 9/ 08/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	● N SPT ■ % W.CONT 20 40 60 80			
												*			
0.30		Fill material, clayey silt with fragments of weathered rock, dark brown color.									T				
0.40			1	A	50	+10.0			0.0						
0.60		Weathered rock, light brown color, low wet. Hardness: medium soft.	1	R				0.0			HW				
0.90															
1.00		Lapilli Tuff, gray color, with fragments subangular to subrounded of andesite, Hardness: of soft to medium hard.	2	R				31.8			D				
1.40															
2.00															
2.50			3	R			14.7	53.3			D				
3.00															
3.30			4	R				50.7			D				
4.00															
4.50			5	R				28.7			D				
4.60															
5.00		Agglomerate with andesitic composition, greenish gray color, widely jointed, many lodes of calcite. Hardness: medium hard.	6	R				11.3			D				
5.50															
6.00															
7.00															
7.75															

**NOMENCLATURE:**  
 A - Disturbed                    R - Rock  
 I - Undisturbed                HW - Hammer Weight  
 T - 3Cone Bit                    S - Split-barrel  
 C - Carbide Bit                 P - Iwan  
 D - Diamond Bit                qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**  
 PHREATIC LEVEL = 0.40 m AFTER 24 HOURS



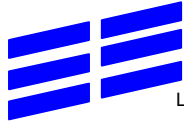
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-3-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 6 - 9/ 08/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<input type="checkbox"/> N SPT <input type="checkbox"/> % W.CONT 20 40 60 80			
												*			
8.00		Agglomerate with andesitic composition, greenish gray color, widely jointed, many lodes of calcite. Hardness: medium hard.	7	R				31.3			D				
8.50															
9.00															
10.00		<b>Bottom of the hole</b>									D				

**NOMENCLATURE:**  
 A - Disturbed            R - Rock  
 I - Undisturbed        HW - Hammer Weight  
 T - 3Cone Bit            S - Split-barrel  
 C - Carbide Bit         P - Iwan  
 D - Diamond Bit        qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



**BOREHOLE PROFILE**

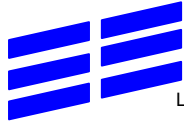
JOB No. 2-480 HOLE No. P#-4-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 5, 6/ 08/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	N SPT				% W.CONT			
												20	40	60	80	20	40	60	80
0.40		Fill material, clayey silt with fragments of weathered rock, light brown color.	1	I				100.0			T								
0.60			1	A	28	3.69			88.9	35.1	S		●	■					
0.80		Clayey silt, dark brown color with red tone, medium plasticity, moderately wet. Consistency: hard.	2	A	21	2.78		100.0	27.7	S		●	■						
1.00											T								
1.50											S		●	■					
2.00											T								
3.00				3	A	73	6.27		84.4	35.5	S			■		●			
3.15											T								
3.70										T									
4.00		Silt from weathered residual material, dark brown color with red tone, low plasticity, low wet. Consistency: hard.	4	A	50	+10.0		66.7	23.4	S			■		●				
4.50											T								
5.00											T								
6.00				5	A	50	+10.0		0.0		S				●				
7.50											T								
				6	A	50	+10.0		0.0		S					●			

**NOMENCLATURE:**  
 A - Disturbed  
 I - Undisturbed  
 T - 3Cone Bit  
 C - Carbide Bit  
 D - Diamond Bit  
 RQD - Rock Quality Designation  
 R - Rock  
 HW - Hammer Weight  
 S - Split-barrel  
 P - Iwan  
 qu - Unconfined Compression

**REMARKS**

PHREATIC LEVEL = 3.70 m AFTER 24 HOURS



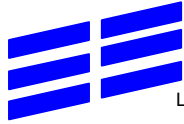
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-4-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 5, 6/ 08/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<input type="checkbox"/> N SPT <input checked="" type="checkbox"/> % W.CONT			
												20	40	60	80
8.00		Silt from weathered residual material, dark brown color with red tone, low plasticity, low wet. Consistency: hard.									T				
9.00											T				
10.00												T			
		<b>Bottom of the hole</b>													

**NOMENCLATURE:**  
 A - Disturbed                      R - Rock  
 I - Undisturbed                    HW - Hammer Weight  
 T - 3Cone Bit                        S - Split-barrel  
 C - Carbide Bit                      P - Iwan  
 D - Diamond Bit                    qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



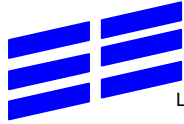
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-5-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 10 - 12/ 08/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	N SPT				% W.CONT			
												20	40	60	80	20	40	60	80
0.00	[Vertical lines symbol]	Fill material, sandy silt with fragment of crunched rock from borrow pit. Grayish brown color. Low plasticity, low wet. Consistency: of firm to hard.	1	A	18	2.39		66.7	24.0	↑	T								
0.60											S	●	■						
1.00	[Vertical lines symbol]		2	A	15	2.00		33.3	15.5		T								
1.50											S		■						
2.00	[Vertical lines symbol]		3	A	8	1.00		55.5	36.7	↓	T								
2.10											S	●	■						
3.00	[Vertical lines symbol]	Fill material, clay with fragments of weathered rock, grayish brown, medium plasticity, medium wet. Consistency: of firm to hard.	4	A	48	+10.0		66.7	31.5		T								
3.15											S								
3.93																			
4.00	[Vertical lines symbol]		5	A	24	3.17		100.0	36.2	↓	T								
4.50											S								
5.00	[Vertical lines symbol]		6	A	13	1.64		75.5	37.5		T								
6.00											S	●	■						
7.00	[Diagonal lines symbol]	Silty clay, grayish brown color, with fragments of weathered rock, medium plasticity, low wet. Consistency: firm.									T								
7.50											S	●	■						

**NOMENCLATURE:**  
 A - Disturbed R - Rock  
 I - Undisturbed HW - Hammer Weight  
 T - 3Cone Bit S - Split-barrel  
 C - Carbide Bit P - Iwan  
 D - Diamond Bit qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**  
 PHREATIC LEVEL = 3.93 m AFTER 24 HOURS



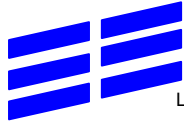
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-5-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 10 - 12/ 08/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	● N SPT ■ % W.CONT 20 40 60 80			
												*			
8.00		Silty clay, grayish brown color, with fragments of weathered rock, medium plasticity, low wet. Consistency: firm.									T				
9.00			7	A	63	6.06		59.5	21.5		S				
9.30		Clayey silt, dark brown color, with dispersed fragments of weathered rock, medium plasticity, low wet. Consistency: firm.													
10.00		Weathered rock, gray color. Hardness: hard.									T				
		<b>Bottom of the hole</b>													

**NOMENCLATURE:**  
 A - Disturbed                    R - Rock  
 I - Undisturbed                HW - Hammer Weight  
 T - 3Cone Bit                    S - Split-barrel  
 C - Carbide Bit                 P - Iwan  
 D - Diamond Bit                qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



**BOREHOLE PROFILE**

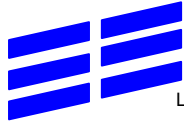
JOB No. 2-480 HOLE No. P#-6-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 27 - 29/07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	● N SPT ■ % W.CONT			
												20	40	60	80
0.00	[Symbol: Vertical lines]	Fill material, clayey silt with fragment of crunched rock. Grayish dark brown color. Medium plasticity, medium wet. Consistency: firm.	1	A	13	1.64		66.7	33.0	↑	T				
0.60											S	●	■		
1.00											T				
1.50			2	A	14	1.8		100.0	43.2		S	●	■		
1.65															
2.00	[Symbol: Diagonal lines]	Silty clay, grayish dark brown color. Medium plasticity, medium wet. Consistency: of firm to hard.	3	A	38	4.80	▲	88.9	39.3	HW	T				
2.88											S		■		
3.00															
3.70											T				
4.00	[Symbol: Cross-hatch]	Silt with andesitic boulders. For soil, light brown color and for boulders dark gray color. of low to medium plasticity, low wet. Consistency: hard.	4	A	50	+10.0		0.0							
4.50											T				●
5.00															
6.00			5	A	50	+10.0		0.0							
6.30										↓	T				●
7.10	[Symbol: Wavy lines]	Aglomerate, weathered, greenish brown color. Hardness: soft.													
7.50		geologic fault	1	R				36.7			C				
7.75															

**NOMENCLATURE:**  
 A - Disturbed                      R - Rock  
 I - Undisturbed                    HW - Hammer Weight  
 T - 3Cone Bit                        S - Split-barrel  
 C - Carbide Bit                      P - Iwan  
 D - Diamond Bit                    qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**  
 PHREATIC LEVEL = 2.88 m AFTER 24 HOURS





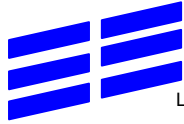
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-6-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 27 - 29/07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<span style="color: blue;">●</span> N SPT <span style="color: orange;">■</span> % W.CONT			
												20	40	60	80
8.00		Aglomerate, weathered, greenish brown color. Hardness: soft.									C				
9.00		Aglomerate, partial weathered, greenish brown color with gray tone. Hardness: soft.	2	R				23.3				C			
10.00		<b>Bottom of the hole</b>									C				

**NOMENCLATURE:**  
 A - Disturbed                    R - Rock  
 I - Undisturbed                HW - Hammer Weight  
 T - 3Cone Bit                    S - Split-barrel  
 C - Carbide Bit                  P - Iwan  
 D - Diamond Bit                qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



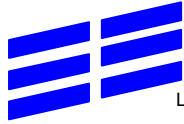
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-7-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 30, 31/ 07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	N SPT				% W.CONT				
												20	40	60	80	20	40	60	80	
0.00	[Symbol: Vertical lines]	Fill material, clayey silt with fragment of weathered rock. Grayish dark brown color. Medium plasticity, low wet. Consistency: soft.	1	A	25	3.30		77.8	17.1	↑	T									
0.60											S									
0.75																				
1.00							▼				HW	T								
1.30	[Symbol: Diagonal lines]	Silt from weathered residual material, greenish brown color, medium plasticity, low wet. Consistency: firm.	2	A	50	+10.0		90.9	18.2	↓	S									
1.50											S									
2.00																				
2.70	[Symbol: Wavy lines]	Silt with fragment of weathered rock. Grayish dark brown color with red tone. Low plasticity, low wet. Consistency: hard.	3	A	50	+10.0		0.0			T									
3.00											S									
4.00			1	R				32.0			T									
4.30	[Symbol: Solid gray]	Andesitic boulder, gray color.	2	R				22.0			D									
4.50											D									
5.00																				
5.30	[Symbol: Dotted]	Andesitic breccia, dark gray color. Many lodes of calcite. Hardness: of medium to hard.	3	R				58.7			D									
6.00											D									
6.50																				
7.00																				
8.00																				

**NOMENCLATURE:**  
 A - Disturbed                      R - Rock  
 I - Undisturbed                    HW - Hammer Weight  
 T - 3Cone Bit                        S - Split-barrel  
 C - Carbide Bit                      P - Iwan  
 D - Diamond Bit                    qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**  
  
 PHREATIC LEVEL = 1.00 m AFTER 24 HOURS



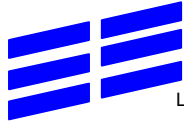
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-7-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 30, 31/ 07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<span style="color: blue;">●</span> N SPT <span style="color: orange;">■</span> % W.CONT 20 40 60 80			
												*			
8.00		Andesitic breccia, dark gray color. Many lodes of calcite. Hardness: of medium to hard.	4	R				13.3			D				
9.00											D				
9.50			5	R					0.0			D			
10.00		<b>Bottom of the hole</b>									D				

**NOMENCLATURE:**  
 A - Disturbed                      R - Rock  
 I - Undisturbed                    HW - Hammer Weight  
 T - 3Cone Bit                        S - Split-barrel  
 C - Carbide Bit                      P - Iwan  
 D - Diamond Bit                    qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**



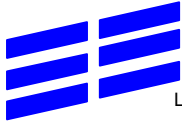
**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-8-02 SHEET No. 1 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 22, 23/ 07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	● N SPT ■ % W.CONT			
												20	40	60	80
0.00	[Symbol: Vertical lines]	Fill material, silt from weathered residual material, dark brown color. Of low to medium plasticity, low wet. Consistency: hard.	1	A	90	+10.0		100.0	21.5		T				
0.60												S	■		
0.98											T				
1.25	[Symbol: Diagonal hatching]	Silt from weathered residual material, yellow color greenish gray laminated. Low plasticity, low wet. Consistency: hard.	2	A	90	+10.0		100.0	18.9		S				
1.50												S	■		
2.00											T				
2.70															
3.00			3	A	75	+10.0		77.8	21.7		S			■	●
3.60											T				
4.00															
4.50			4	A	75	+10.0		76.9	15.5		S			■	●
5.00															
6.00			1	R				70.0			D				
6.50	[Symbol: Wavy pattern]	Agglomerate with coarse fragment, moderate weathered, gray color with white dispersed point. Hardness: of soft to medium hard.	2	R			14.00	72.0							
7.50															
7.60			3	R			41.7	0.0							
8.00															

**NOMENCLATURE:**  
 A - Disturbed  
 I - Undisturbed  
 T - 3Cone Bit  
 C - Carbide Bit  
 D - Diamond Bit  
 RQD - Rock Quality Designation  
 R - Rock  
 HW - Hammer Weight  
 S - Split-barrel  
 P - Iwan  
 qu - Unconfined Compression

**REMARKS**  
 PHREATIC LEVEL = 0.98 m AFTER 24 HOURS



**BOREHOLE PROFILE**

JOB No. 2-480 HOLE No. P#-8-02 SHEET No. 2 OF 2 DRILL TYPE: ROTARY  
 PROJECT STUDY ON SOLID WASTE MANAGEMENT PLAN FOR MUNICIPALITY OF PANAMA  
 LOCATION CERRO PATACON FINAL DISPOSAL  
 CLIENT HIDROGEO SERVICIOS DATE 22, 23/ 07/ 2002

DEPTH ELEV.	SYMBOL	DESCRIPTION OF MATERIAL	SAMPLE No.	TYPE OF SAMPLE	N SPT	qu kg/cm <sup>2</sup>	RQD	RECOVERY %	WATER CONTENT %	CASING	DRILLING METHODS	<span style="color: blue;">●</span> N SPT <span style="color: orange;">■</span> % W.CONT			
												20	40	60	80
8.00	[Symbol]	Agglomerate with coarse fragment, light weathered, gray color with white dispersed point. Hardness: of soft to medium hard.	4	R			28.1	87.6			D				
8.10											D				
9.00												D			
9.63			5	R				97.3			D				
10.00		<b>Bottom of the hole</b>													

**NOMENCLATURE:**  
 A - Disturbed                      R - Rock  
 I - Undisturbed                    HW - Hammer Weight  
 T - 3Cone Bit                        S - Split-barrel  
 C - Carbide Bit                      P - Iwan  
 D - Diamond Bit                    qu - Unconfined Compression  
 RQD - Rock Quality Designation

**REMARKS**

# Data H

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*Environmental Survey*

# **METEOROLOGY**

PANAMA CANAL AUTHORITY  
ENGINEERING DIVISION  
METEOROLOGY AND HYDROLOGY SECTION

STATION: BALBOAFAA

Latitude: 08° 58' 08" N    Longitude: 79° 32' 58" W    Altitude: 33 pies

MONTHLY WIND DIRECTION AVERAGE IN DEGREES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	DIR AVG
1992	336.2	336.8	345.5	334.6	316.2	305.0	313.9	318.5	269.7	297.8	285.5	323.9	319.9
1993	324.7	337.1	330.7	318.8	227.5	294.4	303.6	300.1	259.0	274.0	297.1	320.7	304.7
1994	327.9	337.1	333.1	339.8	274.6	302.4	302.1	295.6	278.5	204.8	259.4	332.9	308.5
1995	337.1	342.5	339.5	299.5	289.5	194.0	284.9	180.3	188.4	185.6	303.2	316.7	295.2
1996	331.9	346.1	342.4	329.2	202.7	297.0	301.2	337.2	279.0	216.3	278.3	335.1	309.2
1997	336.9	344.2	349.7	341.8	334.2	287.6	325.3	326.6	316.5	285.4	288.3	337.5	326.5
1998	341.5	336.8	346.8	335.4	328.7	307.5	314.8	309.9	219.8	206.7	308.5	327.7	318.2
1999	357.5	354.4	351.4	338.4	315.8	300.7	320.8	299.7	193.6	194.5	316.2	327.4	320.3
2000	351.8	353.4	354.7	354.5	321.3	302.9	311.6	299.0	184.5	301.7	296.3	313.0	321.4
2001	328.6	332.9	325.6	336.0	295.9	296.3	298.3	302.8	267.9	267.8	303.8	319.1	311.0
2002	340.3	352.2	348.6	346.7	292.7	256.6	319.8						
MONTHLY	333.4	338.6	341.9	336.4	298.7	293.7	308.9	308.8	263.9	255.4	296.0	325.0	

MONTHLY WIND DIRECTION AVERAGE IN MILES PER HOUR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC
1992	5.8	5.9	6.7	5.8	5.4	3.8	3.9	4.5	3.7	3.7	3.2	3.4
1993	4.7	5.7	5.7	5.0	4.2	3.5	4.0	3.8	3.2	3.2	3.8	4.3
1994	5.2	5.7	5.3	4.9	3.6	3.7	4.1	3.3	3.7	2.5	3.6	3.5
1995	4.8	5.2	4.8	3.2	2.8	2.9	2.9	2.9	2.9	3.2	2.7	2.8
1996	3.1	3.8	4.2	3.6	2.1	2.5	2.6	2.7	2.5	3.4	4.1	3.3
1997	4.0	4.1	5.2	5.2	4.4	3.5	4.0	4.3	3.4	3.0	3.4	5.1
1998	5.5	4.8	5.8	4.8	3.9	3.4	3.6	3.6	3.5	4.0	2.9	2.9
1999	3.2	4.6	4.8	4.3	3.4	3.3	4.0	3.5	3.7	3.7	3.8	4.1
2000	3.8	4.2	4.2	4.6	3.9	3.5	3.9	3.7	3.4	4.1	3.3	4.3
2001	5.4	6.6	6.1	5.7	4.5	3.4	3.9	4.1	3.3	3.3	4.3	4.1
2002	5.0	5.9	6.0	4.3	5.0	4.1	3.6					
Maximum	5.8	6.6	6.7	5.8	5.4	4.1	4.1	4.5	3.7	4.1	4.3	5.1
Minimum	3.1	3.8	4.2	3.2	2.1	2.5	2.6	2.7	2.5	2.5	2.7	2.8
Average	4.6	5.1	5.3	4.7	3.9	3.4	3.7	3.6	3.3	3.4	3.5	3.8



MAXIMUM MONTHLY WIND VELOCITY IN MILES PER HOUR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC
1992	26.8	27.4	27.7	25.4	27.0	31.4	27.2	32.3	28.5	38.3	33.0	20.6
1993	25.9	26.5	28.3	24.8	23.7	29.9	28.1	25.2	35.6	21.0	25.2	24.3
1994	25.2	28.1	33.4	28.3	24.1	25.9	23.0	22.1	24.1	23.2	25.0	23.5
1995	28.3	26.8	29.6	23.0	29.0	25.0	26.5	30.3	27.9	29.0	23.7	21.7
1996	25.0	23.7	30.8	23.9	21.2	21.7	23.7	21.5	19.7	23.2	23.9	21.2
1997	22.3	23.0	26.3	25.0	22.8	26.5	29.0	30.1	29.4	20.8	24.3	28.1
1998	27.0	25.2	30.1	30.5	24.8	30.1	23.2	25.9	22.1	27.7	23.5	23.0
1999	23.5	25.0	24.8	24.6	21.0	22.3	23.2	21.5	21.7	26.3	21.5	27.2
2000	33.4	25.2	25.0	26.5	27.0	21.9	25.4	33.3	28.1	23.1	25.1	24.8
2001	24.3	25.9	25.5	24.5	24.0	30.5	22.3	28.9	29.4	22.3	22.1	24.4
2002	22.8	25.4	24.5	28.4	21.9	26.9	21.1					
Máximo	33.4	28.1	33.4	30.5	29.0	31.4	29.0	33.3	35.6	38.3	33.0	28.1
Mínimo	22.3	23.0	24.5	23.0	21.0	21.7	21.1	21.5	19.7	20.8	21.5	20.6
Promedio	25.9	25.7	27.8	25.9	24.2	26.6	24.8	27.1	26.7	25.5	24.7	23.9

**STATION: BALBOA FAA**  
**MONTHLY PRECIPITATION IN INCHES**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	TOTAL
1992	0.0	0.2	0.0	0.9	10.6	8.4	10.1	11.8	10.7	17.0	11.8	5.4	86.9
1993	2.7	0.0	3.6	3.0	19.2	8.1	18.2	8.5	11.5	6.8	10.0	4.6	96.2
1994	0.0	1.3	2.2	1.6	12.4	9.8	5.1	10.5	7.2	12.6	16.2	3.8	82.7
1995	0.0	0.0	2.5	3.2	15.5	22.3	12.0	8.5	19.3	15.8	6.2	7.9	113.2
1996	6.1	3.9	3.0	3.6	13.3	10.0	7.9	6.6	5.6	12.5	16.1	7.9	96.5
1997	6.7	0.6	0.0	0.0	5.7	8.5	5.3	5.8	14.2	14.1	13.7	0.4	75.0
1998	0.0	0.6	0.0	2.9	14.7	11.0	7.8	6.8	10.0	6.6	8.6	7.9	76.9
1999	1.7	0.7	3.4	2.7	8.8	9.5	6.5	5.2	6.8	8.0	13.2	9.9	76.4
2000	2.1	3.2	0.9	3.0	7.1	11.3	7.7	5.9	10.1	11.5	7.9	5.2	75.9
2001	0.7	0.0	0.0	2.0	8.0	10.0	4.7	2.8	10.5	8.8	9.5	9.3	66.3
2002	3.4	0.0	0.6	5.0	3.8	5.4							

AVERAGE	2.1	1.0	1.5	2.5	10.8	10.4	8.5	7.2	10.6	11.4	11.3	6.2	84.6
MAXIMUM	6.7	3.9	3.6	5.0	19.2	22.3	18.2	11.8	19.3	17.0	16.2	9.9	113.2
MINIMUM	0.0	0.0	0.0	0.0	3.8	5.4	4.7	2.8	5.6	6.6	6.2	0.4	66.3

STATION: BALBOA FAA

TOTAL MONTHLY RADIATION IN LANGLEYS (LY)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	TOTAL
1992	12067.7	11616.1	13437.6	11035.3	11344.6	10548.0	10009.6	10421.5	9057.5	9476.8	8654.2	9665.6	127334.3
1993	10925.7	12683.0	13302.4	12692.8	11623.8	9615.8	9854.0	10177.2	8864.1	9885.8	9454.1	10076.5	129155.2
1994	12031.2	12294.5	13564.4	13241.8	9726.1	9722.9	10024.2	9578.0	10218.1	11081.0	9719.0	11064.7	132265.8
1995	13437.2	12866.8	14366.5	12773.4	11080.2	9937.8	9425.9	11659.8	11031.6	9952.1	8616.1	9043.8	134191.1
1996	10362.3	10772.8	14824.0	12117.7	10879.7	8132.2	8820.8	9481.1	8998.1	9248.0	7927.2	7675.9	119239.8
1997	9899.7	8614.2	11460.2	10320.9	9213.3	8515.4	8901.2	9031.0	7932.8	7188.6	8345.0	11444.1	110866.5
1998	11580.2	9810.7	11602.9	10520.5	10615.0	9094.9	9304.6	9184.1	11370.4	9588.0	9132.2	7954.2	119757.7
1999	10349.7	10231.4	12374.5	11693.2	10059.3	8561.1	9181.2	9700.1	9795.8	9866.3	8645.3	7472.4	117930.3
2000	10143.6	11552.0	12004.0	11716.1	9819.2	8937.7	9319.0	9480.0	10350.3	9689.2	9445.0	8681.2	121137.4
2001	12431.3	12712.5	13570.0	12135.2	10765.9	9943.8	10054.6	10188.0	8875.4	9568.4	8523.1	8495.1	127263.2
2002	10688.1	12522.9	13703.2	11542.9	11653.6	7774.4	9482.4						
MAXIMUM	13437.2	12866.8	14824.0	13241.8	11653.6	10548.0	10054.6	11659.8	11370.4	11081.0	9719.0	11444.1	134191.1
MINIMUM	9899.7	8614.2	11460.2	10320.9	9213.3	7774.4	8820.8	9031.0	7932.8	7188.6	7927.2	7472.4	110866.5
AVERAGE	11265.2	11425.2	13110.0	11799.1	10616.4	9162.2	9488.8	9890.1	9649.4	9554.4	8846.1	9157.3	123914.1

1 LY = 1 CAL/CM<sup>2</sup>  
 1 LY = 0.0418 MJ/M<sup>2</sup>  
 1 LY/MIN = 697.6 W/M<sup>2</sup>

STATION: BALBOA FAA

AVERAGE MONTHLY AIR TEMPERATURE IN DEGREES FARENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	AVERAGE
1992	80.9	81.6	81.2	81.6	80.0	79.0	81.5	77.3	79.6	79.5	79.1	80.1	80.1
1993	80.1	81.1	82.3	82.0	81.4	81.0	80.8	80.9	78.9	79.8	79.0	80.3	80.6
1994	80.5	81.2	81.7	82.7	80.6	80.3	80.9	79.8	80.6	79.3	79.4	80.5	80.6
1995	81.4	81.5	81.6	81.7	80.6	81.2	78.8	78.7	79.5	78.6	78.2	78.2	80.0
1996	77.9	79.0	79.7	80.7	79.3	79.2	78.5	78.6	78.4	78.5	78.0	78.2	78.8
1997	78.2	80.5	80.3	81.8	82.0	80.0	81.2	81.2	79.5	79.7	79.3	81.2	80.4
1998	82.1	82.3	83.6	83.3	81.9	80.7	79.8	79.3	79.8	79.7	78.4	78.1	80.7
1999	78.9	79.5	80.5	80.6	79.5	78.6	79.0	78.4	78.3	78.2	77.7	77.0	78.9
2000	77.7	79.5	80.2	81.4	79.9	79.3	79.1	78.9	77.6	78.0	78.1	78.1	79.0
2001	78.9	80.1	80.4	82.1	80.3	79.9	78.9	80.4	78.0	78.7	77.8	78.2	79.5
2002	80.8	81.4	82.4	81.8	82.3	80.8	80.7						

<b>Maximum</b>	82.1	82.3	83.6	83.3	82.3	81.2	81.5	81.2	80.6	79.8	79.4	81.2	80.7
<b>Minimum</b>	77.7	79.0	79.7	80.6	79.3	78.6	78.5	77.3	77.6	78.0	77.7	77.0	78.8
<b>Average</b>	79.8	80.7	81.3	81.8	80.7	80.0	79.9	79.3	79.0	79.0	78.5	79.0	79.9

**MAXIMUM MONTHLY AIR TEMPERATURE IN DEGREES FARENHEIT**

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC
1992	95.9	97.6	96.9	98.7	95.3	93.9	97.4	97.7	93.4	94.5	92.5	94.5
1993	94.1	97.6	97.8	96.1	93.1	96.4	94.4	94.5	92.1	91.7	91.1	94.0
1994	97.0	97.0	97.1	98.4	94.0	93.8	93.8	92.3	92.9	92.5	93.1	94.8
1995	96.3	98.4	98.2	95.1	92.7	93.4	93.3	93.6	93.1	89.3	90.6	92.3
1996	92.3	92.6	94.6	95.8	93.4	92.7	93.1	91.1	91.8	92.5	90.7	91.2
1997	92.8	94.7	96.6	98.5	97.2	92.7	94.5	94.2	92.8	94.6	91.7	93.6
1998	97.6	98.5	98.5	99.3	97.0	93.7	95.8	91.5	92.7	91.3	92.1	92.3
1999	94.0	93.7	97.6	95.2	93.9	90.7	92.9	91.5	92.7	89.7	92.3	91.2
2000	93.2	94.0	96.0	97.2	94.2	92.1	92.8	92.5	89.0	90.0	92.0	92.0
2001	93.0	93.0	96.0	97.0	94.0	92.0	93.0	95.0	92.3	91.0	91.0	89.6
2002	93.7	95.0	97.0	97.0	96.0	93.0	96.5					

<b>Maximum</b>	97.6	98.5	98.5	99.3	97.2	96.4	97.4	97.7	93.4	94.6	93.1	94.8
<b>Minimum</b>	92.3	92.6	94.6	95.1	92.7	90.7	92.8	91.1	89.0	89.3	90.6	89.6
<b>Average</b>	94.5	95.6	96.9	97.1	94.6	93.1	94.3	93.4	92.3	91.7	91.7	92.6

Note: These values correspond to the maximum air temperature recorded for 20 second periods during a month

MINIMUM MONTHLY AIR TEMPERATURE IN DEGREES FARENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC
1992	68.9	68.1	67.5	69.5	72.5	68.9	69.8	65.4	72.2	70.3	72.3	68.5
1993	71.1	68.9	67.4	72.3	74.7	72.1	72.9	70.0	71.7	72.5	71.3	70.9
1994	67.4	69.5	68.9	72.1	73.3	68.9	72.3	72.5	72.1	71.5	72.2	68.9
1995	68.9	69.2	68.7	71.6	73.4	73.7	70.4	71.2	71.7	70.2	71.3	70.0
1996	68.3	68.4	65.6	70.3	70.6	72.8	69.9	70.2	70.9	71.4	69.6	69.7
1997	68.4	69.3	66.2	68.9	73.8	72.4	71.6	71.5	68.9	72.4	70.8	69.3
1998	70.9	65.8	69.7	70.8	74.4	73.2	73.0	70.7	71.5	71.7	71.1	70.1
1999	68.4	68.7	67.9	70.0	71.7	72.0	71.3	69.2	71.9	71.4	69.3	69.7
2000	66.6	68.0	67.1	68.6	71.9	70.1	69.7	70.0	70.0	70.9	70.0	69.0
2001	68.0	70.0	67.0	70.0	71.0	71.0	71.0	72.0	70.0	71.0	71.0	68.0
2002	71.0	71.0	71.0	70.0	69.1	72.0	69.0					

Maximum	71.1	71.0	71.0	72.3	74.7	73.7	73.0	72.5	72.2	72.5	72.3	70.9
Minimum	66.6	65.8	65.6	68.6	69.1	68.9	69.0	65.4	68.9	70.2	69.3	68.0
Average	68.9	68.8	67.9	70.4	72.4	71.6	71.0	70.3	71.1	71.3	70.9	69.4

Note: These values correspond to the minimum air temperature recorded for 20 second periods during a month

STATION: PEDRO MIGUEL

LATITUD: 09° 01' 22" N    LONGITUD: 79° 37' 02" W    ALTITUD: 100 PIES

MONTHLY PRECIPITATION IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DIC	TOTAL
1992	0.0	0.1	0.1	1.8	8.7	13.6	10.5	9.9	12.2	13.9	7.5	2.2	80.50
1993	3.7	0.0	0.7	3.3	8.6	18.1	11.5	7.9	11.0	8.6	9.4	3.7	86.50
1994	0.4	0.0	5.6	1.8	13.7	6.7	5.6	9.2	9.3	11.0	14.0	0.2	77.50
1995	0.2	0.1	0.8	5.9	8.5	13.0	10.5	7.0	5.9	10.1	13.7	1.9	77.60
1996	5.7	2.2	2.9	3.5	15.0	8.2	4.7	13.5	7.0	13.1	13.7	3.7	93.20
1997	1.5	0.5	0.0	0.7	6.1	4.8	11.0	5.9	7.3	13.7	13.1	1.1	65.70
1998	0.1	0.0	0.0	1.3	12.4	9.6	11.8	13.3	8.5	11.0	10.8	7.4	86.20
1999	3.2	3.2	1.1	2.5	8.7	14.2	5.0	8.7	13.3	11.7	8.2	9.6	89.40
2000	1.8	0.3	0.0	5.7	7.9	11.9	9.3	10.7	9.3	13.7	6.6	7.0	84.20
2001	0.5	0.0	0.1	1.6	6.8	5.2	10.3	5.6	10.5	13.4	13.1	10.2	77.30
2002	0.3	0.6	1.0	6.4	7.1	7.8							

AVERAGE	1.6	0.6	1.1	3.1	9.4	10.3	9.0	9.2	9.4	12.0	11.0	4.7	81.8
MAXIMUM	5.7	3.2	5.6	6.4	15.0	18.1	11.8	13.5	13.3	13.9	14.0	10.2	93.2
MINIMUM	0.0	0.0	0.0	0.7	6.1	4.8	4.7	5.6	5.9	8.6	6.6	0.2	65.7

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142002	2000	1	8.9	4.2	8.4	9.4	4	7.5	0.6	6	0	1.3	6.6	3.3
142002	2000	2	7	7.2	9.8	9.6	9.5	4.5	0.2	0.2	3.9	6.7	3.6	0
142002	2000	3	2.4	6.6	10	4.3	8.6	2.7	1.4	4.7	0.4	8.5	5	0
142002	2000	4	4.2	5	1.4	9.5	6.7	4.6	0	0.9	5.1	2.5	5.5	5.9
142002	2000	5	8.2	4.1	0.9	11	1.5	0.6	0.3	1.5	3.6	1.5	2.9	8.5
142002	2000	6	8.7	10	2	5	0.7	0	0.8	4.8	5.3	8.9	5.5	3.2
142002	2000	7	5.2	9.8	2.5	5	0	3.2	3.5	6.7	3.6	4.6	3.9	3.5
142002	2000	8	4.3	8.2	0.5	7.9	0.6	6	1.2	0.4	4	1.7	7.2	6.7
142002	2000	9	4.6	10.5	3.5	9.4	6.5	5	5.1	4.2		0	6.2	4.4
142002	2000	10	10	9.9	10.5	7.5	3.8	2.8	5	8	0	4.5	3.9	5.5
142002	2000	11	5	10.7	7	10.1	4	2.3	3	7.1	3.7	6.7	3.7	4.7
142002	2000	12	8.7	9.7	4.1	10	4.2	2.8	1.8	4.8	7.7	0	7.1	1.9
142002	2000	13	6.3	7.9	7.6	6.5	5.6	3.9	1.2	3.5	5.3	6	6	5.9
142002	2000	14	8.4	10.1	7.5	6.4	0.3	3	3.5	3.8	2.8	0	9.5	5.2
142002	2000	15	9.6	9.1	9.4	8.6	2.7	0	0.7	1.2	6	6.6	4.5	5.1
142002	2000	16	7	7.1	7.1	4.1	7.3	0.5	2.6	4.4	3.4	6	5.4	5.1
142002	2000	17	8.8	5.3	7.2	4.8	2	0	3.2	2.6	1.4	6.4	1.2	7.7
142002	2000	18	7.6	6.9	8.9	6.3	0.8	7.3	3	0.5	5.8	4	0	10.2
142002	2000	19	9.8	9.3	9	2.2	2.3	1.9	6.8	7.2	5.5	4.2	3	5.4
142002	2000	20	8.8	9.7	10.5	4.3	4.1	0.9	5.1	6.3	0.1	3.8	8.1	5
142002	2000	21	7.6	10.8	5.7	2	7	0.1	1.6	6.2	1.4	3.2	10.1	9.4
142002	2000	22	7	10.8	10.7	2.2	1.8	0.8	6.5	9.4	7.5	5.7	9.9	9.9
142002	2000	23	10.1	10.6	11	3.3	3.8	0	8.7	2.4	6.2	1.8	8	9.8
142002	2000	24	4.3	10.3	10.9	0.4	1.5	1.4	4.6	1.7	0	0.1	9.7	5.1
142002	2000	25	9.6	10.3	11	2.4	0.3	4.1	4.9	4	9.6	7.8	5.6	9.1
142002	2000	26	10.6	8.2		5.4	6.6	7.1	5.4	0.8	8	4	6.6	3
142002	2000	27	7.8	10.6	10.2	9.5	3.7	4.2	0.8	6.7	5.7	3.7	6.9	2.3
142002	2000	28	10	10.9	9.7	9.5	0	3.3	1.1	0.6	2.9	2	4.7	1.4
142002	2000	29	8.3	10.6	9.6	3.9	0.6	5.8	0	1.7	2.5	2.8	2.2	0
142002	2000	30	9.8		6.2	4.7	4.6	1.1	3.8	1.5	2	0.7	3.6	0.8
142002	2000	31	5		3.7		0.6		0	4.3		4.3		0



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142002	2001	1	4.4	10.2	9.4	6.2	5.4	1.6	3.9	6.4	0	4.2	1.4	
142002	2001	2	3.6	10.1	10.1	9.6	3.4	4.8	6	4.5	0	2.8	6.3	9.9
142002	2001	3	8.7	9.3	9.3	10.7	3.4	6	10.7	3	2.2	3.5	9.2	10.6
142002	2001	4	9.9	9.9	8.7	8.4	2.4	6.1	10.1	2.6	4.1	0.4	7.2	4
142002	2001	5	10.3	10.8	4.2	11	2.3	6.4	1.5	7.7	0	5.6	9.7	7.5
142002	2001	6	10.4	9.7	6.9	9.8	10.4	4.6	0	5.7	1.3	0	6.1	6.6
142002	2001	7	9.8	9.6	9	8.4	11.4	3.2	4.3	0	5.8	6.2	5.6	
142002	2001	8	9	8.6	7.8	0	4.5	6.7	3.3	3	5.3	5.6	4.5	
142002	2001	9	9.9	8.7	5.7	3.2	1.7	3.9	3	2.4	5.3	0	2.8	
142002	2001	10	10.2	9.8	7.3	7.4	8.5	0.2	0.9	4.2	4.7	3.4	5.7	
142002	2001	11	6.9	8.2	7.9	8.6	6.6	0	6.7	8.5	5.1	4.7	2.2	2.4
142002	2001	12	10.2	9.4	9.7	6.6	4.3	5	5.1	5.9	1.6	8.7	3.8	4.8
142002	2001	13	10.3	9.5	4.3	5.5	1.5	6	6.4	0.4	0.3	2.1	1	1
142002	2001	14	8.4	6.2	8.6	0	2.7	4.4	4.4	1	7.2	0	1.2	0
142002	2001	15	10.6	9.4	10.2	0	2.1	9	4.9	3.8	4.5	1.8	0.7	
142002	2001	16	10.3	9.7	9.6	0	3.1	4.3	3.5	1.3	7.7	0	6.1	
142002	2001	17	10.2	9.3	9.8	3.9	6.4	8.8	6.1	10.5	6.9	5.1	4.5	
142002	2001	18	7.7	9.5	10.4	5.8	3.6	0.2	0	1.1	2.5	6.1	0.9	
142002	2001	19	7.3	10.3	7.9	6	2.1	2.7	0	0.4	0	8	0.5	
142002	2001	20	5.9	10.3	10.7	4.5	1.5	3.5	2.7	6.2	7	8.4	2.4	
142002	2001	21	7.4	10.3	7.6	7	8.1	2.1	0	0.5	5.9	5.6	0.3	0
142002	2001	22	9.9	8.5	8.8	11.1	6.1	2.5	0.8	2.1	0.1	0	3.2	0
142002	2001	23	9.3	10.4	10.9	11.2	5.8	6.6	5.8	6.2	4.7	8	6.7	2.9
142002	2001	24	8.8	7.4	7.6	5	4.9	2.5	1.8	6.8	3	0.9	5.1	0
142002	2001	25	9.7	9.3	9.2	9	1.1	7.9	5.8	0.1	4.5	9.6	1.7	0.4
142002	2001	26	6.7	6.4	4.4	6.9	6	10.6	0	5.3	2.7	1.1	0	2.6
142002	2001	27	10.1	9.3	1.8	7.7	2.4	7.3	6.1	4.3	0.3	1.3	3.9	5.4
142002	2001	28	10.3	7.4	6.5	9.2	0	5.1	4	0	1.1	0	4.8	6.7
142002	2001	29	10.3		6	2.9	8.3	5.6	5.3	0.5	8	5.1		3.8
142002	2001	30	9.9		7.5	0.9	3.1	0	2.1	6.3	8.2	5.1		0
142002	2001	31	10		4.1		0		6.1	6.5		0		1

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SUNSHINE HOURS YEAR 2002

Station	Year	Day	jan	feb	mar	apr	may	jun	jul	aug	sept	oct	nov	dic
142002	2002	1	5.8	8.7	10.5	8.4	2.1	3.8	5.3	5	0.7			
142002	2002	2	4.4	9.8	10	10	7	4.7	3	5	4			
142002	2002	3	6.4	9.8	9	8	3	4.6	7.5	4.1	4.9			
142002	2002	4	2.8	10.2	10.3	7	8.4	7.3	4.3	1.6	6.3			
142002	2002	5	8	10.3	10.5	10.5	8.3	0	0	6.9	7.3			
142002	2002	6	5.1	8.8	10.6	10.7	6.7	4	5.6	4.1	4.3			
142002	2002	7	1.9	10.4	9.4		9	5.1	4.3	0.5	2.3			
142002	2002	8	4.1	7.4	10.3	6	5.3	8.7	2.6	3.6	2			
142002	2002	9	7.3	5.8	8.8	2.3	5.7	5.5	7.5	3	0			
142002	2002	10	10.2	7.5	10	5.5	9	5.9	2.1	5.4	3.8			
142002	2002	11	9.4	10	8.9	4.5	4.5	0.6	0.4	1	1.2			
142002	2002	12	8.2	10.5	9.9	5.8	7.6	4.1	2.6	5.3	8.4			
142002	2002	13	6.4	10.3	10.3	6.1	8.6	6.3	7.6	4	2.1			
142002	2002	14	9.8	10.5	5.3	6.7	7.4	7.1	3	1.8	4.3			
142002	2002	15	9.9	10.5	5.9	9	5.9	3	0.3	0.8				
142002	2002	16	8.6	9.7	9.4	9.1	4.2	4.8	1.4	1.7				
142002	2002	17	10.3	10.4	8.7	8.9	4	0.2	2.9	6.2				
142002	2002	18	7.5	10.5	8.7	9.6	0	0.3	2.2	5.2				
142002	2002	19	8.9	10.3	8.9	4.9	3.9	5	4.8	3.2				
142002	2002	20	8.5	10.4	6	5.2	0	6.7	3.7	2.2				
142002	2002	21	7.3	9	6.8	8.4	2.9	5.5	1.3	6.2				
142002	2002	22	9	7.9	2.2	4.5	1.5	5.7	2.7	5.9				
142002	2002	23	9.6	2.4	4.5	4.8	4.7	2.3	7.8	1.9				
142002	2002	24	9.8	7	10	4.3	1.9	0	4.4	4.8				
142002	2002	25	7.2	9.2	9.1	2.5	2	2.6	3.4	4.7				
142002	2002	26	7.2	7.1	9	1.4	1.6	4.8	0.2	0.2				
142002	2002	27	10.2	9.3	10.5	0.2	10.1	4.5	6.1	1.7				
142002	2002	28	10.3	10.2	10.3	10.4	9.9	7.6	5.8	6.5				
142002	2002	29	10		10	11.2	5.7	3.3	3.4	2.1				
142002	2002	30	10.2		8.7	6	1.4	0	4.3	9.3				
142002	2002	31	3.6		10.6		9.9		0	5.1				

## **SURFACE WATER**

# CHEMISTRY LABORATORY

Panama, September 5, 2002  
REPORT No. 05-2500-2002  
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## WASTEWATER SAMPLES CHEMICAL ANALYSIS REPORT

**SOLICITED BY:** CATEC S.A.  
Tel.: 211-0000 EXT. 279  
Responsible: Ing. Juan C. Vallarino

**Sample Description:** Eighteen (18) samples of waste water, whose identification appears in the results.

**Date of Reception:** 07/29/2002      **Work Order:** No. 05-298-2002

**Sampling conducted by:** The interested party.

**Tests requested:** Water Chemistry, according to the procedures of the **Standard Methods for the Examination of Water and Wastewater, 19<sup>th</sup> edition, 1995.**

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This report presents/displays the results of the tests conducted solely to the samples received in the laboratory. This document is strictly confidential and information of the same one will not be facilitated to third parties, except by written authorization from the interested party. The publication or reproduction of this document without the written authorization of the laboratory is not authorized.

## CHEMISTRY LABORATORY

Report No. 05-2000-2002  
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### RESULTS

ANALYSIS	SAMPLES								
	26/7 Well No. 8	27/7 Well No.1	29/7 Exist. Well No. 1	30/7 Exist. Well No. 2	30/7 Suf. Water No. 1	31/7 Well No. 6	31/7 Suf. Water No. 4	1/8 Well No. 2	1/8 Suf. Water No. 8
1. Acidity (mgCaCO <sub>3</sub> /L)	16.3	36.7	299.9	49.0	18.4	< 1.0	< 1.0	< 1.0	< 1.0
2. Alkalinity (mgCaCO <sub>3</sub> /L)	229.3	46.0	933.0	503.7	229.3	98.0	1070.2	188.2	65.7
3. Suspended Solids (mg/L)	4.0	8584	84.0	120.0	< 1.0	885	85.0	485	30
4. Turbidity (NTUFORMAZIN)	2.74	229.3	0.94	191	16.8	3110	213	426	38.7
5. Ammonia Nitrogen (mgNH <sub>3</sub> /L)	0.16	0.45	2.57	0.08	35.3	0.07	392.0	0.09	0.08
6. BOD5 (mg O <sub>2</sub> /L)	< 1.0	< 1.0	2.2	1.2	3.7	2.0	30.0	< 1.0	< 1.0
7. COD (mg O <sub>2</sub> /L)	2.0	4.0	34.3	2.0	5.0	10.0	274.3	1.0	1.0
8. Oil and Grease (mg/L)	7.0	73.0	38.0	5.0	10.0	259.0	15.0	9.0	8.0
10. Total Phosphorus (mg P/L)	0.08	0.16	0.05	0.08	0.10	0.30	0.19	0.12	0.08
11. Chlorides (mg /L)	10.5	9.0	614.8	80.0	137.0	54.5	370.0	7.0	4.0
12. Organic Nitrogen (mg /L)	0.46	0.35	0.56	1.31	0.99	1.42	1.80	1.80	1.15
13. Fecal Coliform (UFC/100ml)	4.0	0	0	40	1000	0	3x10 <sup>6</sup>	20	3000
14. Calcium (mg Ca/L)	32.3	5.0	120.0	44.9	100	107.6	94.3	10.9	9.1
15. Sodium (mg Na/L)	21.3	25.0	26.0	30.5	28.3	26.4	28.9	11.9	26.0
16. PCBs (mg/L)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
17. Silicon (mg Si/L)	0.05	0.14	0.05	0.07	0.07	0.11	0.08	0.05	0.06
18. Copper (mg Cu/L)	0.07	< 0.05	<0.05	< 0.05	< 0.05	0.10	< 0.05	< 0.05	0.06
19. Manganese (mg Mn/L)	3.2	0.02	80.0	0.60	1.5	4.1	0.17	< 0.02	0.23
20. Iron (mg Fe/L)	1.4	2.7	0.2	0.3	2.1	0.9	2.2	1.2	2.0
21. Zinc (mg Zn/L)	< 0.1	< 0.1	0.47	< 0.1	< 0.1	< 0.1	< 0.1	0.48	< 0.1
22. Arsenic (mg As/L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
23. Lead (mg Pb/ L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
24. Cadmium ( mg Cd/L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
25. Total Chromium (mg Cr <sub>T</sub> / L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
26. Chromium (VI) (mg Cr <sup>6+</sup> /L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
27. Bicarbonate (HCO <sub>3</sub> <sup>-</sup> /L)	2.0	1.7	9.9	4.0	1.4	< 1.0	< 1.0	< 1.0	< 1.0
28. Cyanide ( mg CN/L)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

## CHEMISTRY LABORATORY

Report No. 05-2002-2002

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### RESULTS

ANALYSIS	SAMPLES								
	2/8 Suf. Water No. 3	5/8 Well No. 7	5/8 Suf. Water No. 6	7/8 Suf. Water. No. 5	7/8 Suf. Water. No. 7	8/8 Suf. Water No. 2	9/8 Well No. 4	10/8 Well No. 3	13/8 Well No. 5
1. Acidity (mgCaCO <sub>3</sub> /L)	4.1	18.4	12.2	12.2	18.4	4.1	22.4	< 1.0	< 1.0
2. Alkalinity (mgCaCO <sub>3</sub> /L)	129.4	448.8	126.4	168.6	131.3	105.8	76.0	220.5	88.0
3. Suspended Solids (mg/L)	< 1.0	85.0	< 1.0	20.0	8.0	< 1.0	3248	440	2264
4. Turbidity (NTUFORMAZIN)	7.6	334	30.8	5.5	5.9	923	2690	361	1995
5. Ammonia Nitrogen (mgNH <sub>3</sub> /L)	0.10	0.02	2.38	29.6	0.08	0.31	3.90	0.45	0.52
6. BOD5 (mg O <sub>2</sub> /L)	< 1.0	3.6	12.0	15.3	1.9	< 1.0	1.6	1.0	3.8
7. COD (mg O <sub>2</sub> /L)	2.0	5.0	15.0	15.0	2.0	1.0	2.0	1.0	4.0
8. Oil and Grease (mg/L)	2.0	32.0	15.0	< 1.0	5.0	5.0	61.0	34.0	76.0
10. Total Phosphorus (mg P/L)	0.12	0.12	0.7	0.08	0.06	0.09	0.57	0.30	0.10
11. Chlorides (mg /L)	4.0	36.0	40.0	13.0	2.0	7.0	24.0	2.50	35.0
12. Organic Nitrogen (mg /L)	1.07	1.15	0.89	1.39	0.32	1.34	0.35	1.47	1.42
13. Fecal Coliform (UFC/100ml)	2 x10 <sup>6</sup>	120	1000	5 x10 <sup>4</sup>	800	3000	0	8000	0
14. Calcium (mg Ca/L)	20.5	18.2	57.3	25.4	18.8	17.5	18.2	8.4	7.1
15. Sodium (mg Na/L)	19.0	21.8	30.5	20.5	17.6	16.8	21.3	28.5	30.2
16. PCBs (mg/L)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
17. Silicon (mg Si/L)	0.2	0.1	0.05	0.2	0.4	0.3	0.1	0.06	0.03
18. Copper (mg Cu/L)	<0.05	< 0.05	0.97	< 0.05	< 0.05	0.06	< 0.05	0.73	<0.05
19. Manganese (mg Mn/L)	0.09	< 0.02	2.9	0.59	0.06	<0.02	<0.02	0.70	0.05
20. Iron (mg Fe/L)	0.3	1.1	6.4	0.35	0.17	0.05	0.04	6.5	0.25
21. Zinc (mg Zn/L)	0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.05	< 0.05	< 0.05	< 0.05
22. Arsenic (mg As/L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
23. Lead (mg Pb/ L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
24. Cadmium ( mg Cd/L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
25. Total Chromium (mg Cr <sub>T</sub> / L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
26. Chromium (VI) (mg Cr <sup>6+</sup> /L)	< 0.05	<0.05	< 0.05	< 0.05	< 0.05	< 0.05	<0.05	< 0.05	< 0.05
27. Bicarbonate (HCO <sub>3</sub> <sup>-</sup> /L)	1.0	1.4	2.2	2.2	1.8	1.1	2.4	< 1.0	< 1.0
28. Cyanide ( mg CN/L)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

**SURFACE WATER MEASUREMENT REPORT**

Project: Solid Waste Management Plan for Panama City  
 Date: July 30, 2002  
 Site: Cerro Patacón - Near Quarry  
 Point #: 1

Coordinates: 17P 0657391 East  
UTM 1000946 North  
 Start Time: 01:15 p.m.  
 Finish Time: 04:30 p.m.

Field Parameters:

Time	Average Flow	Conductivity	Salinity	Temperature	D.O.	pH	Appearance
	(gal/min)	µS	ppt	°C			
00:00:00	4.15	4.5	0	32.4	4.8	8.2	Yellowish, oily
00:15:00	4.80	10	0	32.1	4.5	8.3	"
00:30:00	5.70	12.9	0	30.4	4.1	8	"
00:45:00	4.90	12	0	31.5	4.3	8.2	"
01:00:00	5.20	9.6	0	30.2	4.1	8.2	"

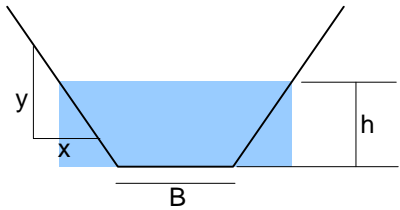
Parameters to be analyzed at the lab:

<input checked="" type="checkbox"/>	Turbidity
<input checked="" type="checkbox"/>	Alkalinity
<input checked="" type="checkbox"/>	Oil and Grease
<input checked="" type="checkbox"/>	Fecal Coliforms
<input checked="" type="checkbox"/>	BOD5
<input checked="" type="checkbox"/>	COD
<input checked="" type="checkbox"/>	Suspended Solids
<input checked="" type="checkbox"/>	Ammonia Nitrogen
<input checked="" type="checkbox"/>	Total Nitrogen

<input checked="" type="checkbox"/>	PCB
<input checked="" type="checkbox"/>	Total Phosphorus
<input checked="" type="checkbox"/>	Important Ions (Na+,Ca2+,HCO3-,SiO2,Cl-)
<input checked="" type="checkbox"/>	Heavy Metals (Cadmium, Cyanide, Lead, Total Chromium, Hexavalent Chromium, Arsenic, Total Mercury, Copper, Zinc, Iron, Manganese)
<input checked="" type="checkbox"/>	Dissolved Oxygen

Observations \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Flow Calculation:**



Area:  $A = Bh + \frac{x}{y}h^2$

Flow:  $Q_{avg} = V_{avg} A = V_{avg} \left( Bh + \frac{x}{y}h^2 \right)$

Cross-section properties:   
 $x = 0.081 \text{ m}$    
 $y = 0.218 \text{ m}$    
 $B = 0.042 \text{ m}$

h (m)	Vavg		Area (m <sup>2</sup> )	Flow		Vmax		
	(dm/s)	(m/s)		(litros/s)	(gal/min)	(dm/s)	(m/s)	
0.016	3.41	0.341	0.00077	0.000261588	0.26	4.15	3.45	0.345
0.020	3.06	0.306	0.00099	0.000302519	0.30	4.80	3.30	0.33
0.028	2.45	0.245	0.00147	0.000359489	0.36	5.70	3.40	0.34

**Average Flow= 0.0003 m<sup>3</sup>/s  
 ( 4.88 gal/min )**





**SURFACE WATER MEASUREMENT REPORT**

Project: Solid Waste Management Plan for Panama City  
 Date: August 8, 2002  
 Site: Mocambo River Afluent, near Kuna-Nega  
 Point #: 2

Coordinates: 17P 0658207 East  
UTM 1001110 North  
 Start Time: 10:00 a.m.  
 Finish Time: 01:00 p.m.

Field Parameters:

Time	Average Flow (gal/min)	Conductivity µs	Salinity ppt	Temperature °C	D.O.	pH	Appearance
00:00:00		205.4	0.1	26.3	7.7	7.5	clear
00:15:00		205.1	0.1	26.4	7.7	7.5	
00:30:00		206.2	0.1	26.4	7.5	7.6	
00:45:00		206.4	0.1	26.5	7.6	7.6	
01:00:00		206.8	0.1	26.5	7.7	7.5	
01:15:00		207.1	0.1	26.6	7.7	7.5	
01:30:00		207.3	0.1	26.6	7.7	7.5	
01:45:00		207.5	0.1	26.7	7.8	7.5	
02:00:00		207.7	0.1	26.7	7.6	7.5	
02:15:00		207.6	0.1	26.7	7.6	7.6	
02:30:00		207.5	0.1	26.7	7.6	7.6	

Parameters to be analyzed at the lab:

x	Turbidity
x	Alkalinity
x	Oil and Grease
x	Fecal Coliforms
x	BOD5
x	COD
x	Suspended Solids
x	Ammonia Nitrogen
x	Total Nitrogen

x	PCB
x	Total Phosphorus
x	Important Ions (Na+,Ca2+,HCO3-,SiO2,Cl-)
x	Heavy Metals (Cadmium, Cyanide, Lead, Total Chromium, Hexavalent Chromium, Arsenic, Total Mercury, Copper, Zinc, Iron, Manganese)
	Dissolved Oxygen

Observations \_\_\_\_\_  
 \_\_\_\_\_

**Flow Calculation**

(From Surface Water Sample Point # 2 )

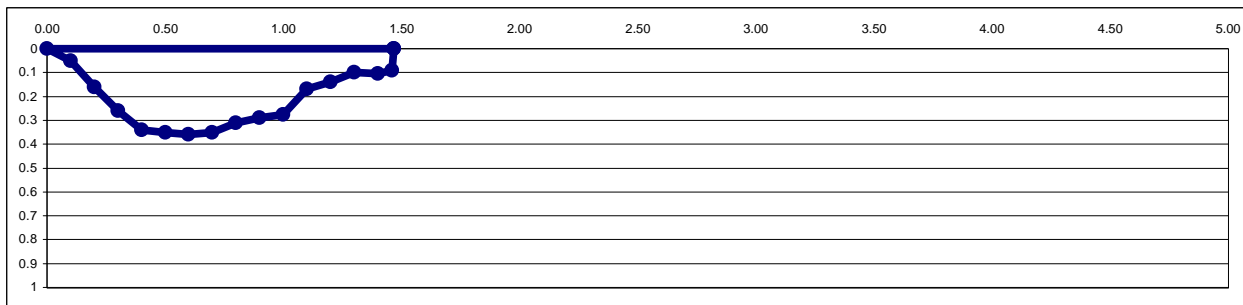
1. Cross section and flow calculation:

Station m	Depth m	Vavg (dm/s)	Vmax (dm/s)
<b>1.47</b>	<b>0</b>		
0.00	0.000	0.00	0.00
0.10	0.050	1.03	1.30
0.20	0.160	1.15	1.20
0.30	0.260	2.20	3.20
0.40	0.340	1.17	2.40
0.50	0.350	2.35	4.10
0.60	0.360	3.32	4.90
0.70	0.350	3.90	4.90
0.80	0.310	2.62	3.40
0.90	0.290	1.08	1.80
1.00	0.275	1.25	1.90
1.10	0.170	0.57	0.60
1.20	0.140	1.15	1.20
1.30	0.100	0.00	0.00
1.40	0.105	0.00	0.00
1.46	0.090	0.00	0.00
1.47	0.000	0.00	0.00

N°	from Inicial Point (m)	Width (m)	Depth (m)	Vavg (m/s)	Area (m <sup>2</sup> )	Flow (m <sup>3</sup> /s)
1	0.00	0.050	0.000	0.00	0.000625	0.0000
2	0.10	0.100	0.050	0.10	0.005	0.0005
3	0.20	0.100	0.160	0.12	0.016	0.0018
4	0.30	0.100	0.260	0.22	0.026	0.0057
5	0.40	0.100	0.340	0.12	0.034	0.0040
6	0.50	0.100	0.350	0.24	0.035	0.0082
7	0.60	0.100	0.360	0.33	0.036	0.0120
8	0.70	0.100	0.350	0.39	0.035	0.0137
9	0.80	0.100	0.310	0.26	0.031	0.0081
10	0.90	0.100	0.290	0.11	0.029	0.0031
11	1.00	0.100	0.275	0.13	0.0275	0.0034
12	1.10	0.100	0.170	0.06	0.017	0.0010
13	1.20	0.100	0.140	0.12	0.014	0.0016
14	1.30	0.100	0.100	0.00	0.01	0.0000
15	1.40	0.080	0.105	0.00	0.0084	0.0000
16	1.46	0.035	0.090	0.00	0.00315	0.0000
17	1.47	0.005	0.000	0.00	0.000113	0.0000

**Total Area= 0.3278 m<sup>2</sup>**

**Total Flow= 0.0632 m<sup>3</sup>/s  
( 1000.96 gal/min )**



## SURFACE WATER MEASUREMENT REPORT

Project: Solid Waste Management Plan for Panama City  
 Date: August 2, 2002  
 Site: 2nd Afluent of Mocambo River, near Kuna-Nega Community  
 Point # 3

Coordinates: 17P 0658415 East  
UTM 1001175 North  
 Start Time: 11:00 a.m.  
 Finish Time: 02:30 p.m.

Field Parameters:

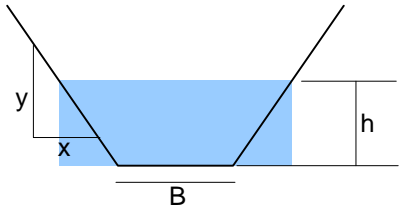
Time	Average Flow	Conductivity	Salinity	Temperature	D.O.	pH	Appearance
	(gal/min)	µS	ppt	°C			
00:00:00		262.8	0.1	26.8	8.9	8.1	whitish
00:15:00		236.9	0.1	26.9		8	
00:30:00		264.3	0.1	27		7.6	
00:45:00		264.4	0.1	27		7.9	
01:00:00		264.6	0.1	27		8	
01:15:00		264.7	0.1	27		8	
01:30:00		264.5	0.1	27		8	
01:45:00		264.3	0.1	27		8	
02:00:00		264.3	0.1	27		8	

Parameters to be analyzed at the lab:

<input checked="" type="checkbox"/>	Turbidity
<input checked="" type="checkbox"/>	Alkalinity
<input checked="" type="checkbox"/>	Oil and Grease
<input checked="" type="checkbox"/>	Fecal Coliforms
<input checked="" type="checkbox"/>	BOD5
<input checked="" type="checkbox"/>	COD
<input checked="" type="checkbox"/>	Suspended Solids
<input checked="" type="checkbox"/>	Ammonia Nitrogen
<input checked="" type="checkbox"/>	Total Nitrogen

<input checked="" type="checkbox"/>	PCB
<input checked="" type="checkbox"/>	Total Phosphorus
<input checked="" type="checkbox"/>	Important Ions (Na+,Ca2+,HCO3-,SiO2,Cl-)
<input checked="" type="checkbox"/>	Heavy Metals (Cadmium, Cyanide, Lead, Total Chromium, Hexavalent Chromium, Arsenic, Total Mercury, Copper, Zinc, Iron, Manganese)
<input type="checkbox"/>	Dissolved Oxygen

Observations \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Flow Calculation:**

$$\text{Area: } A = Bh + \frac{x}{y}h^2$$

$$\text{Flow: } Q_{avg} = V_{avg} A = V_{avg} \left( Bh + \frac{x}{y}h^2 \right)$$

Cross-section properties:      x= 0.19 m  
   y= 0.284 m  
   B= 0.584 m

h (m)	Vavg		Area (m <sup>2</sup> )	Flow		Vmax		
	(dm/s)	(m/s)		(litros/s)	(gal/min)	(dm/s)	(m/s)	
0.220	10.16	1.016	0.16086	0.163434046	163.43	2590.48	11.6	1.16
0.230	10.2	1.02	0.16971	0.173105062	173.11	2743.77	11.6	1.16
0.225	10.2	1.02	0.16527	0.168574215	168.57	2671.96	11.6	1.16
0.225	10.13	1.013	0.16527	0.167417333	167.42	2653.62	10.5	1.05
0.225	9.89	0.989	0.16527	0.163450881	163.45	2590.75	10.2	1.02
0.23	9.84	0.984	0.16971	0.166995472	167.00	2646.93	10.3	1.03
0.24	9.87	0.987	0.1787	0.176372174	176.37	2795.56	10.3	1.03
0.238	10.17	1.017	0.17689	0.179894724	179.89	2851.39	10.3	1.03

**Average Flow= 0.1699 m<sup>3</sup>/s  
 ( 2693.06 gal/min )**

**SURFACE WATER MEASUREMENT REPORT**

Project: Solid Waste Management Plan for Panama City  
 Date: July 31, 2002  
 Site: Cerro Patacon - near Well #5  
 Point # 4

Coordinates: 17P 0657988 East  
UTM 1000888 North  
 Start Time: 01:15 p.m.  
 Finish Time: \_\_\_\_\_

Field Parameters:

Time	Average Flow	Conductivity	Salinity	Temperature	D.O.	pH	Appearance
	(gal/min)	µS	ppt	°C			
00:00:00		32.5	0	28.8	0.6	8.4	muddy - opaque
00:30:00		40.4	0.1	29.4	0.5	8.4	bad smell
01:00:00		30.5	0	29.5	0.5	8.4	
01:30:00		20.5	0	28.1	0.6	8.4	
02:00:00		34.5	0	28.2	0.6	8.4	

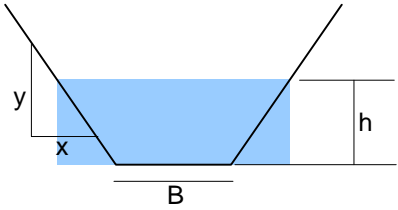
Parameters to be analyzed at the lab:

<input checked="" type="checkbox"/>	Turbidity
<input checked="" type="checkbox"/>	Alkalinity
<input checked="" type="checkbox"/>	Oil and Grease
<input checked="" type="checkbox"/>	Fecal Coliforms
<input checked="" type="checkbox"/>	BOD5
<input checked="" type="checkbox"/>	COD
<input checked="" type="checkbox"/>	Suspended Solids
<input checked="" type="checkbox"/>	Ammonia Nitrogen
<input checked="" type="checkbox"/>	Total Nitrogen

<input checked="" type="checkbox"/>	PCB
<input checked="" type="checkbox"/>	Total Phosphorus
<input checked="" type="checkbox"/>	Important Ions (Na <sup>+</sup> , Ca <sup>2+</sup> , HCO <sub>3</sub> <sup>-</sup> , SiO <sub>2</sub> , Cl <sup>-</sup> )
<input checked="" type="checkbox"/>	Heavy Metals (Cadmium, Cyanide, Lead, Total Chromium, Hexavalent Chromium, Arsenic, Total Mercury, Copper, Zinc, Iron, Manganese)
<input type="checkbox"/>	Dissolved Oxygen

Observations \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Flow Calculation:**



Area:  $A = Bh + \frac{x}{y}h^2$

Flow:  $Q_{avg} = V_{avg}A = V_{avg} \left( Bh + \frac{x}{y}h^2 \right)$

Cross-section properties:      x= 0.082 m  
   y= 0.16 m  
   B= 0.042 m

h (m)	Vavg		Area (m <sup>2</sup> )	Flow		Vmax		
	(dm/s)	(m/s)		(litros/s)	(gal/min)	(dm/s)	(m/s)	
0.155	10.3	1.03	0.01882	0.019387497	19.39	307.30	11.4	1.14
0.155	10.6	1.06	0.01882	0.019952181	19.95	316.25	10.4	1.04
0.155	10.8	1.08	0.01882	0.020328638	20.33	322.22	10.12	1.012
0.155	10.1	1.01	0.01882	0.019011041	19.01	301.33	11.11	1.111

**Average Flow=      0.0197      m<sup>3</sup>/s  
   ( 311.77      gal/min )**



**SURFACE WATER MEASUREMENT REPORT**

Project: Solid Waste Management Plan for Panama City  
 Date: August 7, 2002  
 Site: Mocambo River - Under Transmission Line  
 Point #: 5

Coordinates: 17P 0658477 East  
UTM 1000062 North  
 Start Time: 09:30 a.m.  
 Finish Time: 12:45 p.m.

Field Parameters:

Time	Average Flow	Conductivity	Salinity	Temperature	D.O.	pH	Appearance
	(gal/min)	µs	ppt	°C			
00:00:00		202.7	0.1	26.7	2.6	7.8	brown, with great
00:15:00		178.8	0.1	26.7	2.4	7.9	amont of suspended slime.
00:30:00		232.3	0.1	26.7	2.2	7.9	
00:45:00		305.7	0.2	26.7	2.4	7.9	Bad smell
01:00:00		320.4	0.2	26.8	2.3	7.9	
01:15:00		360.4	0.2	26.8	2.3	7.8	
01:30:00		365	0.2	26.9	2.2	7.8	
01:45:00		366.7	0.2	26.9	2.2	7.7	
02:00:00		373.2	0.2	26.9	2.1	7.7	
02:15:00		368.3	0.2	26.9	2.1	7.8	
02:30:00		375.1	0.2	26.9	2.1	7.8	

Parameters to be analyzed at the lab:

x	Turbidity
x	Alkalinity
x	Oil and Grease
x	Fecal Coliforms
x	BOD5
x	COD
x	Suspended Solids
x	Ammonia Nitrogen
x	Total Nitrogen

x	PCB
x	Total Phosphorus
x	Important Ions (Na+,Ca2+,HCO3-,SiO2,Cl-)
x	Heavy Metals (Cadmium, Cyanide, Lead, Total Chromium, Hexavalent Chromium, Arsenic, Total Mercury, Copper, Zinc, Iron, Manganese)
	Dissolved Oxygen

Observations \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Flow Calculation**

(From Surface Water Sample Point # 5 )

1. Cross section and flow calculation:

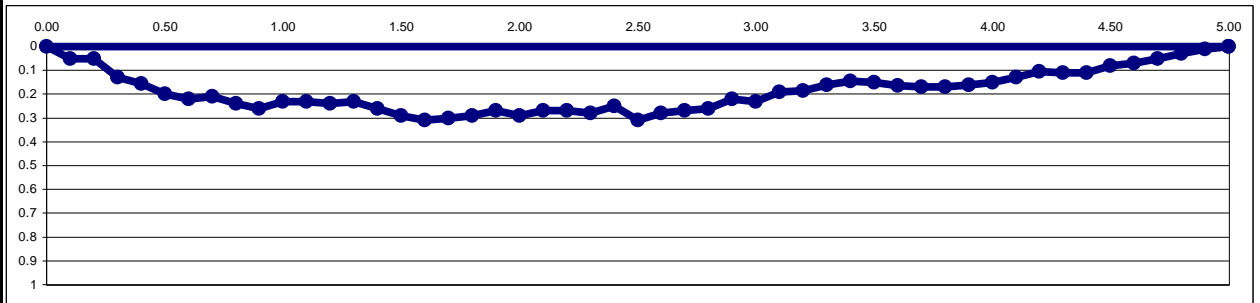
Station m	Depth m
5.00	0
0.00	0.000
0.10	0.050
0.20	0.050
0.30	0.130
0.40	0.155
0.50	0.200
0.60	0.220
0.70	0.210
0.80	0.240
0.90	0.260
1.00	0.230
1.10	0.230
1.20	0.240
1.30	0.230
1.40	0.260
1.50	0.290
1.60	0.310
1.70	0.300
1.80	0.290
1.90	0.270
2.00	0.290
2.10	0.270
2.20	0.270
2.30	0.280
2.40	0.250
2.50	0.310
2.60	0.280
2.70	0.270
2.80	0.260
2.90	0.220
3.00	0.230
3.10	0.190
3.20	0.185
3.30	0.160
3.40	0.145
3.50	0.150
3.60	0.165
3.70	0.170
3.80	0.170
3.90	0.160
4.00	0.150
4.10	0.130
4.20	0.105
4.30	0.110
4.40	0.110
4.50	0.080
4.60	0.070
4.70	0.050
4.80	0.030
4.90	0.010
5.00	0.000

Dist.from Inical Point (m)	Vavg (dm/s)	Vmax (dm/s)
0.00	0.00	0.00
0.50	2.10	3.55
0.75	3.42	4.00
1.00	6.41	7.90
1.25	4.70	6.20
1.50	4.10	5.20
1.75	4.50	4.60
2.00	4.00	4.80
2.25	4.30	4.60
2.50	4.43	6.10
2.75	4.30	5.10
3.00	2.20	3.10
3.25	2.00	2.40
3.50	1.50	2.30
3.75	1.20	1.70
4.00	0.50	0.57
4.25	0.00	0.00
4.50	0.00	0.00
4.75	0.00	0.00
5.00	0.00	0.00

N°	from Inical Point (m)	Width (m)	Depth (m)	Vavg (m/s)	Area (m²)	Flow (m³/s)
1	0.00	0.250	0.000	0.00	0.003	0.0000
2	0.50	0.375	0.050	0.21	0.019	0.0039
3	0.75	0.250	0.050	0.34	0.013	0.0043
4	1.00	0.250	0.130	0.64	0.033	0.0208
5	1.25	0.250	0.155	0.47	0.039	0.0182
6	1.50	0.250	0.200	0.41	0.050	0.0205
7	1.75	0.250	0.220	0.45	0.055	0.0248
8	2.00	0.250	0.210	0.40	0.053	0.0210
9	2.25	0.250	0.240	0.43	0.060	0.0258
10	2.50	0.250	0.260	0.44	0.065	0.0288
11	2.75	0.250	0.230	0.43	0.058	0.0247
12	3.00	0.250	0.230	0.22	0.058	0.0127
13	3.25	0.250	0.240	0.20	0.060	0.0120
14	3.50	0.250	0.230	0.15	0.058	0.0086
15	3.75	0.250	0.260	0.12	0.065	0.0078
16	4.00	0.250	0.290	0.05	0.073	0.0036
17	4.25	0.250	0.310	0.00	0.078	0.0000
18	4.50	0.250	0.300	0.00	0.075	0.0000
19	4.75	0.250	0.290	0.00	0.073	0.0000
20	5.00	0.125	0.270	0.00	0.018	0.0000

**Área Total= 1.0006 m²**

**Caudal Total= 0.2375 m³/s  
( 3764.89 gal/min )**







**SURFACE WATER MEASUREMENT REPORT**

Project: Solid Waste Management Plan for Panama City  
 Date: August 5, 2002  
 Site: Near Chivo Chivo Road, Under Transmission Line  
 Point #: 6

Coordinates: 17P 0657172 East  
UTM 1000016 North  
 Start Time: 12:00 p.m.  
 Finish Time: 04:00 p.m.

Field Parameters:

Time	Average Flow	Conductivity	Salinity	Temperature	D.O.	pH	Appearance
	(gal/min)	µs	ppt	°C			
00:00:00		388.3	0.2	26.7	6.4	8	grayish
00:15:00		388.7	0.2	26.8	6.6	7.7	
00:30:00		392.8	0.2	26.9	6.4	7.6	
00:45:00		393	0.2	26.9	6.3	7.7	
01:00:00		397.3	0.2	27	6.3	7.9	
01:15:00		397.9	0.2	27	6.3	7.5	
01:30:00		399	0.2	27.1	6.3	7.7	
01:45:00		402.5	0.2	27.1	6.2	7.9	
02:00:00		402.8	0.2	27.1	6.3	7.7	
02:15:00		402.1	0.2	27.1	6.3	7.7	

Parameters to be analyzed at the lab:

x	Turbidity
x	Alkalinity
x	Oil and Grease
x	Fecal Coliforms
x	BOD5
x	COD
x	Suspended Solids
x	Ammonia Nitrogen
x	Total Nitrogen

x	PCB
x	Total Phosphorus
x	Important Ions (Na+,Ca2+,HCO3-,SiO2,Cl-)
x	Heavy Metals (Cadmium, Cyanide, Lead, Total Chromium, Hexavalent Chromium, Arsenic, Total Mercury, Copper, Zinc, Iron, Manganese)
	Dissolved Oxygen

Observations \_\_\_\_\_

**Flow Calculation**

(From Surface Water Sample Point # 6 )

1. Cross section and flow calculation:

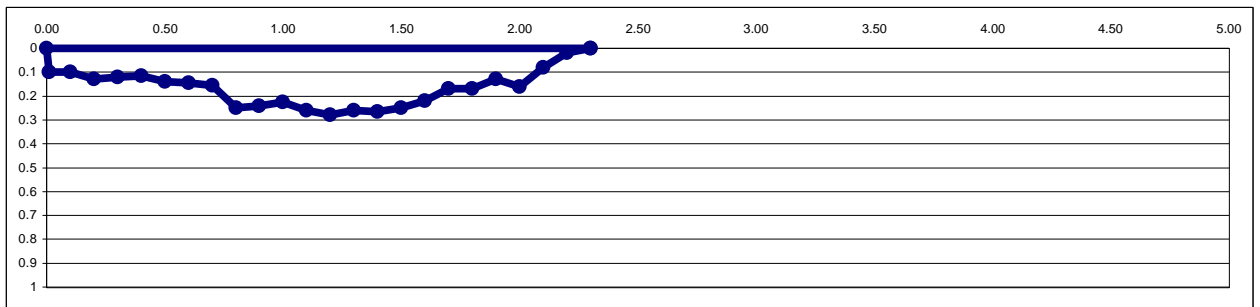
Station m	Depth m
2.30	0
0.00	0.000
0.01	0.100
0.10	0.100
0.20	0.130
0.30	0.120
0.40	0.115
0.50	0.140
0.60	0.145
0.70	0.155
0.80	0.250
0.90	0.240
1.00	0.225
1.10	0.260
1.20	0.280
1.30	0.260
1.40	0.265
1.50	0.250
1.60	0.220
1.70	0.170
1.80	0.170
1.90	0.130
2.00	0.160
2.10	0.080
2.20	0.020
2.30	0.000

Dist. from Initial Point (m)	Vavg (dm/s)	Vmax (dm/s)
0.00	0.00	0.00
0.01	1.92	2.30
0.10	1.92	3.00
0.20	4.49	4.70
0.30	4.39	4.70
0.40	5.03	5.70
0.50	5.36	5.70
0.60	5.37	5.80
0.70	4.96	5.30
0.80	4.25	5.40
0.90	3.36	5.00
1.00	3.01	5.10
1.10	3.33	6.10
1.20	1.88	5.10
1.30	2.69	4.80
1.40	4.11	5.30
1.50	3.82	4.60
1.60	4.37	5.00
1.70	5.32	5.90
1.80	4.46	5.20
1.90	2.40	5.50
2.00	3.13	4.10
2.10	4.28	4.80
2.20	2.50	2.80
2.30	0.00	0.00

N°	from Initial Point (m)	Width (m)	Depth (m)	Vavg (m/s)	Area (m²)	Flow (m³/s)
1	0.00	0.005	0.000	0.00	0.000	0.0000
2	0.01	0.050	0.100	0.19	0.005	0.0010
3	0.10	0.095	0.100	0.19	0.010	0.0018
4	0.20	0.100	0.130	0.45	0.013	0.0058
5	0.30	0.100	0.120	0.44	0.012	0.0053
6	0.40	0.100	0.115	0.50	0.012	0.0058
7	0.50	0.100	0.140	0.54	0.014	0.0075
8	0.60	0.100	0.145	0.54	0.015	0.0078
9	0.70	0.100	0.155	0.50	0.016	0.0077
10	0.80	0.100	0.250	0.43	0.025	0.0106
11	0.90	0.100	0.240	0.34	0.024	0.0081
12	1.00	0.100	0.225	0.30	0.023	0.0068
13	1.10	0.100	0.260	0.33	0.026	0.0087
14	1.20	0.100	0.280	0.19	0.028	0.0053
15	1.30	0.100	0.260	0.27	0.026	0.0070
16	1.40	0.100	0.265	0.41	0.027	0.0109
17	1.50	0.100	0.250	0.38	0.025	0.0096
18	1.60	0.100	0.220	0.44	0.022	0.0096
19	1.70	0.100	0.170	0.53	0.017	0.0090
20	1.80	0.100	0.170	0.45	0.017	0.0076
21	1.90	0.100	0.130	0.24	0.013	0.0031
22	2.00	0.100	0.160	0.31	0.016	0.0050
23	2.10	0.100	0.080	0.43	0.008	0.0034
24	2.20	0.100	0.020	0.25	0.002	0.0005
25	2.30	0.050	0.000	0.00	0.000	0.0000

**Area Total= 0.3934 m²**

**Caudal Total= 0.1478 m³/s  
( 2342.09 gal/min )**





**Flow Calculation**

(From Surface Water Sample Point # 7 )

1. Cross section and flow calculation:

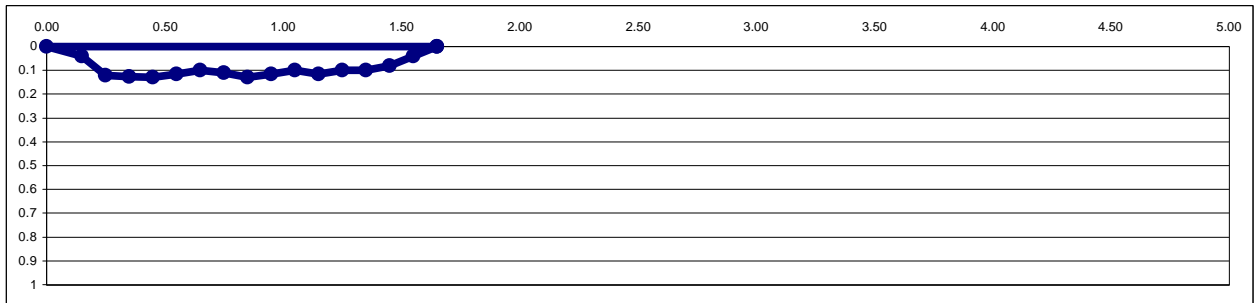
Station m	Depth m
1.65	0
0.00	0.000
0.15	0.040
0.25	0.120
0.35	0.125
0.45	0.130
0.55	0.115
0.65	0.100
0.75	0.110
0.85	0.130
0.95	0.115
1.05	0.100
1.15	0.115
1.25	0.100
1.35	0.100
1.45	0.080
1.55	0.040
1.65	0.000

Dist.from Initial Point (m)	Vavg (dm/s)	Vmax (dm/s)
0.00	0.00	0.00
0.20	1.40	1.90
0.30	1.57	1.70
0.40	1.83	2.20
0.50	1.92	2.10
0.60	1.89	2.20
0.70	1.67	1.80
0.80	1.87	2.50
0.90	2.37	2.70
1.00	2.24	2.60
1.10	2.04	2.20
1.20	1.11	1.70
1.30	1.59	2.00
1.40	1.06	1.70
1.50	0.50	0.80
1.60	0.00	0.00
1.65	0.00	0.00

N°	from Initial Point (m)	Width (m)	Depth (m)	Vavg (m/s)	Area (m <sup>2</sup> )	Flow (m <sup>3</sup> /s)
1	0.00	0.100	0.000	0.00	0.001	0.0000
2	0.20	0.150	0.040	0.14	0.006	0.0008
3	0.30	0.100	0.120	0.16	0.012	0.0019
4	0.40	0.100	0.125	0.18	0.013	0.0023
5	0.50	0.100	0.130	0.19	0.013	0.0025
6	0.60	0.100	0.115	0.19	0.012	0.0022
7	0.70	0.100	0.100	0.17	0.010	0.0017
8	0.80	0.100	0.110	0.19	0.011	0.0021
9	0.90	0.100	0.130	0.24	0.013	0.0031
10	1.00	0.100	0.115	0.22	0.012	0.0026
11	1.10	0.100	0.100	0.20	0.010	0.0020
12	1.20	0.100	0.115	0.11	0.012	0.0013
13	1.30	0.100	0.100	0.16	0.010	0.0016
14	1.40	0.100	0.100	0.11	0.010	0.0011
15	1.50	0.100	0.080	0.05	0.008	0.0004
16	1.60	0.075	0.040	0.00	0.003	0.0000
17	1.65	0.025	0.000	0.00	0.000	0.0000

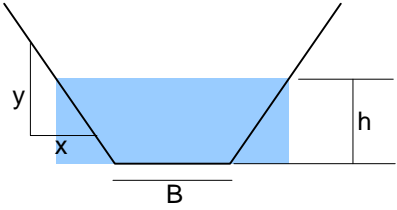
**Total Area= 0.1543 m<sup>2</sup>**

**Total Flow= 0.0254 m<sup>3</sup>/s  
( 403.10 gal/min )**





**Flow Calculation:**



Area:  $A = Bh + \frac{x}{y} h^2$

Flow:  $Q_{avg} = V_{avg} A = V_{avg} \left( Bh + \frac{x}{y} h^2 \right)$

Cross-section properties:      x= 0.19 m  
  y= 0.284 m  
  B= 0.215 m

h (m)	Vavg		Area (m <sup>2</sup> )	Flow		Vmax		
	(dm/s)	(m/s)		(m <sup>3</sup> /s)	(liters/s)	(gal/min)	(dm/s)	(m/s)
0.220	14.94	1.494	0.07968	0.119042341	119.04	1886.86	15.5	1.55
0.210	15.16	1.516	0.07465	0.113174738	113.17	1793.86	16.4	1.64
0.210	15.12	1.512	0.07465	0.112876124	112.88	1789.12	16.0	1.6
0.200	14.76	1.476	0.06976	0.102966592	102.97	1632.05	15.9	1.59
0.225	15.55	1.555	0.08224	0.127889168	127.89	2027.08	16.4	1.64

**Average Flow= 0.1152 m<sup>3</sup>/s  
( 1825.80 gal/min )**

**Photos: Surface Water**



Photo 1. Point #2, Surface Water



Photo 2. Point #3, Surface Water

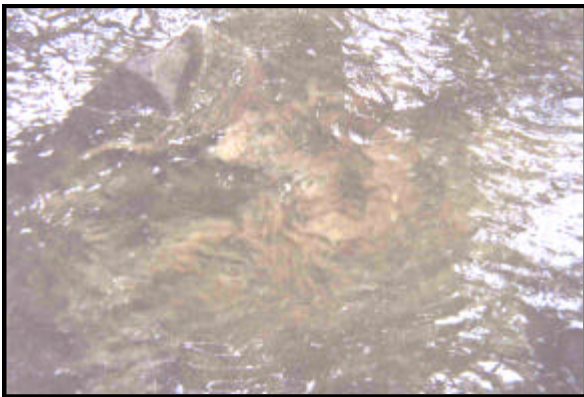


Photo 3. Point #5, Surface Water



Photo 4. Point #5, Surface Water



Photo 5. Point #7, Surface Water



Photo 6. Point #6, Surface Water



Photo 7. Point #6, Surface Water



Photo 8. Point #6, Surface Water



Photo 9. Point #7, Surface Water



Photo 10. Point #7, Surface Water