Physical Modeling of Atmospheric Transport of Stack Emissions at Kahe Electrical Generating Plant, Oahu, Hawaii

VOLUME II

Appendix A
Tabulation of Data

by

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Prepared for

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FOLIO
TA7
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CEE: 77/78-28b
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WD	OL	AV	UNITS	SH	
63°	100	6.7	1-4		1-A
63°	100	6.7	5		1-A
63°	100	6.7	1-5		2-A
63°	100	6.7	6	91.5	3-A
63°	100	6.7	7	91.5	3-A
63°	100	6.7	8	91.5	4-A
63°	100	6.7	1C**	91.5	4-A
63°	100	6.7	1C+5	91.5	5-A
63°	100	6.7	1C+5+6	91.5	5-A
63°	100	6.7	1C+5+6+7	91.5	6-A
63°	100	6.7	1C+5+6+7+8	91.5	6-A
63°	100	6.7	6	137	7-A
63°	100	6.7	7	137	7-A
63°	100	6.7	8	137	8-A
63°	100	6.7	1C	137	8-A
63°	100	6.7	1C+5	137	9-A
63°	100	6.7	1C+5+6	137	9-A
63°	100	6.7	1C+5+6+7	137	10-A
63°	100	6.7	1C+5+6+7+8	137	10-A
63°	100	6.7	6	183	11-A
63°	100	6.7	7	183	11-A
63°	100	6.7	8	183	12-A
63°	100	6.7	1C	183	12-A
63°	100	6.7	1C+5	183	13-A
63°	100	6.7	1C+5+6	183	13-A
63°	100	6.7	1C+5+6+7	183	14-A
63°	100	6.7	1C+5+6+7+8	183	14-A
63°	100	13.4	1-4		15-A
63°	100	13.4	5		15-A
63°	100	13.4	1-5		16-A
63°	100	13.4	6	91.5	17-A
63°	100	13.4	7	91.5	17-A
63°	100	13.4	8	91.5	18-A
63°	100	13.4	1C	91.5	18-A
63°	100	13.4	1C+5	91.5	19-A
63°	100	13.4	1C+5+6	91.5	19-A
63°	100	13.4	1C+5+6+7	91.5	20-A
63°	100	13.4	1C+5+6+7+8	91.5	20-A

*LEGEND:
WD = Wind direction
OL = Operating level (%)
AV = Approach velocity (m/s)
UNITS = Operating units
SH = Stack height (except existing units 1 to 5) (m)
**1C--separate stacks for units 1,2,3 and 4 combined into a single stack

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WD	OL	AV	UNITS	SH	Page
63°	100	13.4	6	137	21-A
63°	100	13.4	7	137	21-A
63°	100	13.4	8	137	22-A
63°	100	13.4	1C	137	22-A
63°	100	13.4	1C+5	137	23-A
63°	100	13.4	1C+5+6	137	23-A
63°	100	13.4	1C+5+6+7	137	24-A
63°	100	13.4	1C+5+6+7+8	137	24-A
63°	100	13.4	6	183	25-A
63°	100	13.4	7	183	25-A
63°	100	13.4	8	183	26-A
63°	100	13.4	1C	183	26-A
63°	100	13.4	1C+5	183	27-A
63°	100	13.4	1C+5+6	183	27-A
63°	100	13.4	1C+5+6+7	183	28-A
63°	100	13.4	1C+5+6+7+8	183	28-A
63°	75	6.7	1-4		29-A
63°	75	6.7	5		29-A
63°	75	6.7	1-5		30-A
63°	75	6.7	6	91.5	31-A
63°	75	6.7	7	91.5	31-A
63°	75	6.7	8	91.5	32-A
63°	75	6.7	1C	91.5	32-A
63°	75	6.7	1C+5	91.5	33-A
63°	75	6.7	1C+5+6	91.5	33-A
63°	75	6.7	1C+5+6+7	91.5	34-A
63°	75	6.7	1C+5+6+7+8	91.5	34-A
63°	75	6.7	6	137	35-A
63°	75	6.7	7	137	35-A
63°	75	6.7	8	137	36-A
63°	75	6.7	1C	137	36-A
63°	75	6.7	1C+5	137	37-A
63°	75	6.7	1C+5+6	137	37-A
63°	75	6.7	1C+5+6+7	137	38-A
63°	75	6.7	1C+5+6+7+8	137	38-A
63°	75	13.4	1-4		39-A
63°	75	13.4	5		39-A
63°	75	13.4	1-5		40-A
63°	75	13.4	6	91.5	41-A
63°	75	13.4	7	91.5	41-A
63°	75	13.4	8	91.5	42-A
63°	75	13.4	1C	91.5	42-A
63°	75	13.4	1C+5	91.5	43-A
63°	75	13.4	1C+5+6	91.5	43-A
63°	75	13.4	1C+5+6+7	91.5	44-A
63°	75	13.4	1C+5+6+7+8	91.5	44-A
63°	75	13.4	6	137	45-A
63°	75	13.4	7	137	45-A
63°	75	13.4	8	137	46-A

WD	OL	AV	UNITS	SH	Page
63°	75	13.4	1C	137	46-A
63°	75	13.4	1C+5	137	47-A
63°	75	13.4	1C+5+6	137	47-A
63°	75	13.4	1C+5+6+7	137	48-A
63°	75	13.4	1C+5+6+7+8	137	48-A
153°	100	6.7	1-4		49-A
153°	100	6.7	5		49-A
153°	100	6.7	1-5		50-A
153°	100	6.7	6	91.5	51-A
153°	100	6.7	7	91.5	51-A
153°	100	6.7	8	91.5	52-A
153°	100	6.7	1C	91.5	52-A
153°	100	6.7	1C+5	91.5	53-A
153°	100	6.7	1C+5+6	91.5	53-A
153°	100	6.7	1C+5+6+7	91.5	54-A
153°	100	6.7	1C+5+6+7+8	91.5	54-A
153°	100	6.7	6	137	55-A
153°	100	6.7	7	137	55-A
153°	100	6.7	8	137	56-A
153°	100	6.7	1C	137	56-A
153°	100	6.7	1C+5	137	57-A
153°	100	6.7	1C+5+6	137	57-A
153°	100	6.7	1C+5+6+7	137	58-A
153°	100	6.7	1C+5+6+7+8	137	58-A
153°	100	6.7	6	183	59-A
153°	100	6.7	7	183	59-A
153°	100	6.7	8	183	60-A
153°	100	6.7	1C	183	60-A
153°	100	6.7	1C+5	183	61-A
153°	100	6.7	1C+5+6	183	61-A
153°	100	6.7	1C+5+6+7	183	62-A
153°	100	6.7	1C+5+6+7+8	183	62-A
153°	100	13.4	1-4		63-A
153°	100	13.4	5		63-A
153°	100	13.4	1-5		64-A
153°	100	13.4	6	91.5	65-A
153°	100	13.4	7	91.5	65-A
153°	100	13.4	8	91.5	66-A
153°	100	13.4	1C	91.5	66-A
153°	100	13.4	1C+5	91.5	67-A
153°	100	13.4	1C+5+6	91.5	67-A
153°	100	13.4	1C+5+6+7	91.5	68-A
153°	100	13.4	1C+5+6+7+8	91.5	68-A
153°	100	13.4	6	137	69-A
153°	100	13.4	7	137	69-A
153°	100	13.4	8	137	70-A
153°	100	13.4	1C	137	70-A
153°	100	13.4	1C+5	137	71-A
153°	100	13.4	1C+5+6	137	71-A
153°	100	13.4	1C+5+6+7	137	72-A
153°	100	13.4	1C+5+6+7+8	137	72-A

WD	OL	AV	UNITS	SH	Page
153°	100	13.4	6	183	73-A
153°	100	13.4	7	183	73-A
153°	100	13.4	8	183	74-A
153°	100	13.4	1C	183	74-A
153°	100	13.4	1C+5	183	75-A
153°	100	13.4	1C+5+6	183	75-A
153°	100	13.4	1C+5+6+7	183	76-A
153°	100	13.4	1C+5+6+7+8	183	76-A
153°	75	6.7	1-4		77-A
153°	75	6.7	5		77-A
153°	75	6.7	1-5		78-A
153°	75	6.7	6	91.5	79-A
153°	75	6.7	7	91.5	79-A
153°	75	6.7	8	91.5	80-A
153°	75	6.7	1C	91.5	80-A
153°	75	6.7	1C+5	91.5	81-A
153°	75	6.7	1C+5+6	91.5	81-A
153°	75	6.7	1C+5+6+7	91.5	82-A
153°	75	6.7	1C+5+6+7+8	91.5	82-A
153°	75	13.4	1-4		83-A
153°	75	13.4	5	91.5	83-A
153°	75	13.4	1-5		84-A
153°	75	13.4	6	91.5	85-A
153°	75	13.4	7	91.5	85-A
153°	75	13.4	8	91.5	86-A
153°	75	13.4	1C	91.5	86-A
153°	75	13.4	1C+5	91.5	87-A
153°	75	13.4	1C+5+6	91.5	87-A
153°	75	13.4	1C+5+6+7	91.5	88-A
153°	75	13.4	1C+5+6+7+8	91.5	88-A
180°	100	6.7	1-4		89-A
180°	100	6.7	5		89-A
180°	100	6.7	1-5		90-A
180°	100	6.7	6	91.5	91-A
180°	100	6.7	7	91.5	91-A
180°	100	6.7	8	91.5	92-A
180°	100	6.7	1C	91.5	92-A
180°	100	6.7	1C+5	91.5	93-A
180°	100	6.7	1C+5+6	91.5	93-A
180°	100	6.7	1C+5+6+7	91.5	94-A
180°	100	6.7	1C+5+6+7+8	91.5	94-A
180°	100	6.7	6	137	95-A
180°	100	6.7	7	137	95-A
180°	100	6.7	8	137	96-A
180°	100	6.7	1C	137	96-A
180°	100	6.7	1C+5	137	97-A
180°	100	6.7	1C+5+6	137	97-A
180°	100	6.7	1C+5+6+7	137	98-A
180°	100	6.7	1C+5+6+7+8	137	98-A

WD	OL	AV	UNITS	SH	Page
180°	100	6.7	6	183	99-A
180°	100	6.7	7	183	99-A
180°	100	6.7	8	183	100-A
180°	100	6.7	1C	183	100-A
180°	100	6.7	1C+5	183	101-A
180°	100	6.7	1C+5+6	183	101-A
180°	100	6.7	1C+5+6+7	183	102-A
180°	100	6.7	1C+5+6+7+8	183	102-A
180°	100	13.4	1-4		103-A
180°	100	13.4	5		103-A
180°	100	13.4	1-5		104-A
180°	100	13.4	6	91.5	105-A
180°	100	13.4	7	91.5	105-A
180°	100	13.4	8	91.5	106-A
180°	100	13.4	1C	91.5	106-A
180°	100	13.4	1C+5	91.5	107-A
180°	100	13.4	1C+5+6	91.5	107-A
180°	100	13.4	1C+5+6+7	91.5	108-A
180°	100	13.4	1C+5+6+7+8	91.5	108-A
180°	100	13.4	6	137	109-A
180°	100	13.4	7	137	109-A
180°	100	13.4	8	137	110-A
180°	100	13.4	1C	137	110-A
180°	100	13.4	1C+5	137	111-A
180°	100	13.4	1C+5+6	137	111-A
180°	100	13.4	1C+5+6+7	137	112-A
180°	100	13.4	1C+5+6+7+8	137	112-A
180°	100	13.4	6	183	113-A
180°	100	13.4	7	183	113-A
180°	100	13.4	8	183	114-A
180°	100	13.4	1C	183	114-A
180°	100	13.4	1C+5	183	115-A
180°	100	13.4	1C+5+6	183	115-A
180°	100	13.4	1C+5+6+7	183	116-A
180°	100	13.4	1C+5+6+7+8	183	116-A
180°	75	6.7	1-4		117-A
180°	75	6.7	5		117-A
180°	75	6.7	1-5		118-A
180°	75	13.4	1-4		119-A
180°	75	13.4	5		119-A
180°	75	13.4	1-5		120-A
180°	75	13.4	6	91.5	121-A
180°	75	13.4	7	91.5	121-A
180°	75	13.4	8	91.5	122-A
180°	75	13.4	1C	91.5	122-A
180°	75	13.4	1C+5	91.5	123-A
180°	75	13.4	1C+5+6	91.5	123-A
180°	75	13.4	1C+5+6+7	91.5	124-A
180°	75	13.4	1C+5+6+7+8	91.5	124-A

WD	OL	AV	UNITS	SH	Page
243°	100	6.7	1-4		125-A
243°	100	6.7	5		125-A
243°	100	6.7	1-5		126-A
243°	100	6.7	1C+5	91.5	127-A
243°	100	6.7	1C+5+6	91.5	127-A
243°	100	6.7	1C+5+6+7	91.5	128-A
243°	100	6.7	1C+5+6+7+8	91.5	128-A
243°	100	6.7	6	137	129-A
243°	100	6.7	7	137	129-A
243°	100	6.7	8	137	130-A
243°	100	6.7	1C	137	130-A
243°	100	6.7	1C+5	137	131-A
243°	100	6.7	1C+5+6	137	131-A
243°	100	6.7	1C+5+6+7	137	132-A
243°	100	6.7	1C+5+6+7+8	137	132-A
243°	100	6.7	6	183	133-A
243°	100	6.7	7	183	133-A
243°	100	6.7	8	183	134-A
243°	100	6.7	1C	183	134-A
243°	100	6.7	1C+5	183	135-A
243°	100	6.7	1C+5+6	183	135-A
243°	100	6.7	1C+5+6+7	183	136-A
243°	100	6.7	1C+5+6+7+8	183	136-A
243°	100	13.4	1-4		137-A
243°	100	13.4	5		137-A
243°	100	13.4	1-5		138-A
243°	100	13.4	6	91.5	139-A
243°	100	13.4	7	91.5	139-A
243°	100	13.4	8	91.5	140-A
243°	100	13.4	1C	91.5	140-A
243°	100	13.4	1C+5	91.5	141-A
243°	100	13.4	1C+5+6	91.5	141-A
243°	100	13.4	1C+5+6+7	91.5	142-A
243°	100	13.4	1C+5+6+7+8	91.5	142-A
243°	100	13.4	6	137	143-A
243°	100	13.4	7	137	143-A
243°	100	13.4	8	137	144-A
243°	100	13.4	1C	137	144-A
243°	100	13.4	1C+5	137	145-A
243°	100	13.4	1C+5+6	137	145-A
243°	100	13.4	1C+5+6+7	137	146-A
243°	100	13.4	1C+5+6+7+8	137	146-A
243°	100	13.4	6	183	147-A
243°	100	13.4	7	183	147-A
243°	100	13.4	8	183	148-A
243°	100	13.4	1C	183	148-A
243°	100	13.4	1C+5	183	149-A
243°	100	13.4	1C+5+6	183	149-A
243°	100	13.4	1C+5+6+7	183	150-A
243°	100	13.4	1C+5+6+7+8	183	150-A
243°	75	6.7	1-4		151-A
243°	75	6.7	5		151-A

WD	OL	AV	UNITS	SH	Page
243°	75	6.7	1-5		152-A
243°	75	6.7	6	91.5	153-A
243°	75	6.7	7	91.5	153-A
243°	75	6.7	8	91.5	154-A
243°	75	6.7	1C	91.5	154-A
243°	75	6.7	1C+5	91.5	155-A
243°	75	6.7	1C+5+6	91.5	155-A
243°	75	6.7	1C+5+6+7	91.5	156-A
243°	75	6.7	1C+5+6+7+8	91.5	156-A
243°	75	13.4	1-4		157-A
243°	75	13.4	5		157-A
243°	75	13.4	1-5		158-A
243°	75	13.4	6	91.5	159-A
243°	75	13.4	7	91.5	159-A
243°	75	13.4	8	91.5	160-A
243°	75	13.4	1C	91.5	160-A
243°	75	13.4	1C+5	91.5	161-A
243°	75	13.4	1C+5+6	91.5	161-A
243°	75	13.4	1C+5+6+7	91.5	162-A
243°	75	13.4	1C+5+6+7+8	91.5	162-A
333°	100	6.7	1-4		163-A
333°	100	6.7	5		163-A
333°	100	6.7	1-5		164-A
333°	100	6.7	6	91.5	165-A
333°	100	6.7	7	91.5	165-A
333°	100	6.7	8	91.5	166-A
333°	100	6.7	1C	91.5	166-A
333°	100	6.7	1C+5	91.5	167-A
333°	100	6.7	1C+5+6	91.5	167-A
333°	100	6.7	1C+5+6+7	91.5	168-A
333°	100	6.7	1C+5+6+7+8	91.5	168-A
333°	100	6.7	6	137	169-A
333°	100	6.7	7	137	169-A
333°	100	6.7	8	137	170-A
333°	100	6.7	1C	137	170-A
333°	100	6.7	1C+5	137	171-A
333°	100	6.7	1C+5+6	137	171-A
333°	100	6.7	1C+5+6+7	137	172-A
333°	100	6.7	1C+5+6+7+8	137	172-A
333°	100	6.7	6	183	173-A
333°	100	6.7	7	183	173-A
333°	100	6.7	8	183	174-A
333°	100	6.7	1C	183	174-A
333°	100	6.7	1C+5	183	175-A
333°	100	6.7	1C+5+6	183	175-A
333°	100	6.7	1C+5+6+7	183	176-A
333°	100	6.7	1C+5+6+7+8	183	176-A
333°	100	13.4	1-4		177-A
333°	100	13.4	5		177-A
333°	100	13.4	1-5		178-A
333°	100	13.4	6	91.5	179-A
333°	100	13.4	7	91.5	179-A

WD	OL	AV	UNITS	SH	Page
333°	100	13.4	8	91.5	180-A
333°	100	13.4	1C	91.5	180-A
333°	100	13.4	1C+5	91.5	181-A
333°	100	13.4	1C+5+6	91.5	181-A
333°	100	13.4	1C+5+6+7	91.5	182-A
333°	100	13.4	1C+5+6+7+8	91.5	182-A
333°	100	13.4	6	137	183-A
333°	100	13.4	7	137	183-A
333°	100	13.4	8	137	184-A
333°	100	13.4	1C	137	184-A
333°	100	13.4	1C+5	137	185-A
333°	100	13.4	1C+5+6	137	185-A
333°	100	13.4	1C+5+6+7	137	186-A
333°	100	13.4	1C+5+6+7+8	137	186-A
333°	100	13.4	6	183	187-A
333°	100	13.4	7	183	187-A
333°	100	13.4	8	183	188-A
333°	100	13.4	1C	183	188-A
333°	100	13.4	1C+5	183	189-A
333°	100	13.4	1C+5+6	183	189-A
333°	100	13.4	1C+5+6+7	183	190-A
333°	100	13.4	1C+5+6+7+8	183	190-A
333°	75	6.7	1-4		191-A
333°	75	6.7	5		191-A
333°	75	6.7	1-5		192-A
333°	75	6.7	6	91.5	193-A
333°	75	6.7	7	91.5	193-A
333°	75	6.7	8	91.5	194-A
333°	75	6.7	1C	91.5	194-A
333°	75	6.7	1C+5	91.5	195-A
333°	75	6.7	1C+5+6	91.5	195-A
333°	75	6.7	1C+5+6+7	91.5	196-A
333°	75	6.7	1C+5+6+7+8	91.5	196-A
333°	75	13.4	1-4		197-A
333°	75	13.4	5		197-A
333°	75	13.4	1-5		198-A
333°	75	13.4	6	91.5	199-A
333°	75	13.4	7	91.5	199-A
333°	75	13.4	8	91.5	200-A
333°	75	13.4	1C	91.5	200-A
333°	75	13.4	1C+5	91.5	201-A
333°	75	13.4	1C+5+6	91.5	201-A
333°	75	13.4	1C+5+6+7	91.5	202-A
333°	75	13.4	1C+5+6+7+8	91.5	202-A
0°	100	6.7	1-4		203-A
0°	100	6.7	5		203-A
0°	100	6.7	1-5		204-A
0°	100	6.7	6	91.5	205-A
0°	100	6.7	7	91.5	205-A

WD	OL	AV	UNITS	SH	Page
0°	100	6.7	8	91.5	206-A
0°	100	6.7	1C	91.5	206-A
0°	100	6.7	1C+5	91.5	207-A
0°	100	6.7	1C+5+6	91.5	207-A
0°	100	6.7	1C+5+6+7	91.5	208-A
0°	100	6.7	1C+5+6+7+8	91.5	208-A
0°	100	6.7	6	137	209-A
0°	100	6.7	7	137	209-A
0°	100	6.7	8	137	210-A
0°	100	6.7	1C	137	210-A
0°	100	6.7	1C+5	137	211-A
0°	100	6.7	1C+5+6	137	211-A
0°	100	6.7	1C+5+6+7	137	212-A
0°	100	6.7	1C+5+6+7+8	137	212-A
0°	100	6.7	6	183	213-A
0°	100	6.7	7	183	213-A
0°	100	6.7	8	183	214-A
0°	100	6.7	1C	183	214-A
0°	100	6.7	1C+5	183	215-A
0°	100	6.7	1C+5+6	183	215-A
0°	100	6.7	1C+5+6+7	183	216-A
0°	100	6.7	1C+5+6+7+8	183	216-A
0°	100	13.3	1-4		217-A
0°	100	13.3	5		217-A
0°	100	13.3	1-5		218-A
0°	100	13.3	6	91.5	219-A
0°	100	13.3	7	91.5	219-A
0°	100	13.3	8	91.5	220-A
0°	100	13.3	1C	91.5	220-A
0°	100	13.3	1C+5	91.5	221-A
0°	100	13.3	1C+5+6	91.5	221-A
0°	100	13.3	1C+5+6+7	91.5	222-A
0°	100	13.3	1C+5+6+7+8	91.5	222-A
0°	100	13.4	6	137	223-A
0°	100	13.4	7	137	223-A
0°	100	13.4	8	137	224-A
0°	100	13.4	1C	137	224-A
0°	100	13.4	1C+5	137	225-A
0°	100	13.4	1C+5+6	137	225-A
0°	100	13.4	1C+5+6+7	137	226-A
0°	100	13.4	1C+5+6+7+8	137	226-A
0°	100	13.4	6	183	227-A
0°	100	13.4	7	183	227-A
0°	100	13.4	8	183	228-A
0°	100	13.4	1C	183	228-A
0°	100	13.4	1C+5	183	229-A
0°	100	13.4	1C+5+6	183	229-A
0°	100	13.4	1C+5+6+7	183	230-A
0°	100	13.4	1C+5+6+7+8	183	230-A
0°	75	6.7	1-4		231-A
0°	75	6.7	5		231-A

WD	OL	AV	UNITS	SH	Page
0°	75	6.7	1-5		232-A
0°	75	6.7	6	91.5	233-A
0°	75	6.7	7	91.5	233-A
0°	75	6.7	8	91.5	234-A
0°	75	6.7	1C	91.5	234-A
0°	75	6.7	1C+5	91.5	235-A
0°	75	6.7	1C+5+6	91.5	235-A
0°	75	6.7	1C+5+6+7	91.5	236-A
0°	75	6.7	1C+5+6+7+8	91.5	236-A
0°	75	13.4	1-4		237-A
0°	75	13.4	5		237-A
0°	75	13.4	1-5		238-A
0°	75	13.4	6	91.5	239-A
0°	75	13.4	7	91.5	239-A
0°	75	13.4	8	91.5	240-A
0°	75	13.4	1C	91.5	240-A
0°	75	13.4	1C+5	91.5	241-A
0°	75	13.4	1C+5+6	91.5	241-A
0°	75	13.4	1C+5+6+7	91.5	242-A
0°	75	13.4	1C+5+6+7+8	91.5	242-A

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 01 -
WIND DIRECTION: 63 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.347E-06	.0006
2	.299E-04	.0483
3	.160E-03	.2583
4	.554E-04	.0896
5	.433E-04	.0700
6	.229E-04	.0371
7	.390E-03	.6301
8	.514E-03	.8304
9	.543E-03	.8776
10	.240E-03	.3874
11	.308E-03	.4979
12	.575E-03	.9299
13	.760E-03	1.2289
14	.869E-03	1.4052
15	.456E-03	.7369
16	.312E-04	.0505
17	.442E-05	.0072
18	.000E+00	.0000
19	.000E+00	.0000
20	.859E-03	1.3889
21	.977E-03	1.5794
22	.103E-02	1.6702
24	.550E-03	.8890
25	.516E-03	.8342
26	.893E-05	.0144
27	.000E+00	.0000
28	.000E+00	.0000
30	.121E-03	.1951
31	.303E-03	.4892
33	.122E-03	.1975
34	.947E-04	.1531
35	.103E-04	.0167

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 01 -
WIND DIRECTION: 63 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
5	.211E-05	.0021
6	.000E+00	.0000
13	.000E+00	.0000
15	.595E-05	.0060
16	.158E-04	.0160
20	.000E+00	.0000
23	.329E-04	.0334
24	.750E-05	.0076
25	.689E-05	.0070
26	.262E-04	.0266
27	.104E-05	.0011
28	.604E-07	.0001
30	.305E-05	.0031
31	.178E-03	.1811
32	.719E-04	.0730
33	.221E-04	.0224
33	.125E-04	.0127
34	.108E-03	.1097
35	.641E-04	.0651

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 01 -
WIND DIRECTION: 63 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0006
2	.0483
3	.2583
4	.0896
5	.0722
6	.0371
7	.6391
8	.8304
9	.5776
10	.3874
11	.4979
12	.9299
13	1.2289
14	1.4052
15	.7430
16	.0665
17	.0072
18	.0000
19	.0000
20	1.2889
21	1.5794
22	1.6702
23	.0334
24	.8966
25	.8412
26	.0410
27	.0011
28	.0001
29	.0000
30	.1982
31	.6703
32	.0224
33	.2102
34	.2628
35	.0818

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~20~~ 5 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
3	.298E-06	.0003
4	.102E-05	.0010
5	.883E-06	.0009
6	.785E-07	.0001
7	.000E+00	.0000
8	.388E-06	.0004
9	.535E-06	.0005
10	.000E+00	.0000
11	.150E-05	.0015
12	.904E-07	.0001
13	.000E+00	.0000
14	.000E+00	.0000
14	.000E+00	.0000
15	.303E-05	.0031
16	.268E-04	.0272
17	.968E-04	.0987
18	.674E-04	.0684
19	.318E-04	.0321
20	.126E-05	.0013
21	.424E-06	.0004
22	.352E-06	.0004
23	.818E-06	.0008
24	.162E-05	.0016
25	.318E-04	.0323
26	.212E-04	.0215
27	.825E-04	.0837
28	.263E-04	.0267
29	.189E-04	.0192
30	.164E-05	.0017
31	.567E-04	.0576
32	.324E-03	.3285
33	.171E-05	.0017
34	.570E-04	.0578
35	.162E-03	.1646

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~20~~ 5 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
18	.319E-04	.0324
27	.528E-04	.0537
29	.115E-03	.1168
32	.383E-03	.3890
35	.225E-03	.2280

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 25 -
WIND DIRECTION: 63 DEG.

UNITS: B
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
18	.188E-05	.0019
19	.551E-05	.0056
27	.775E-05	.0079
28	.111E-04	.0112
29	.827E-04	.0840
30	.209E-05	.0021
31	.244E-07	.0000
32	.222E-03	.2258
34	.388E-05	.0039
35	.968E-04	.0983

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 25 -
WIND DIRECTION: 63 DEG.

UNITS: IC
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
3	.570E-05	.0055
4	.699E-05	.0067
5	.313E-05	.0030
6	.129E-05	.0012
7	.141E-04	.0136
8	.439E-04	.0421
9	.664E-04	.0638
10	.265E-05	.0025
11	.563E-05	.0054
12	.415E-04	.0399
13	.140E-03	.1343
14	.114E-03	.1094
15	.106E-03	.1015
16	.266E-05	.0026
17	.180E-05	.0017
18	.104E-05	.0010
19	.000E+00	.0000
20	.312E-05	.0030
21	.168E-03	.1617
22	.225E-03	.2157
23	.294E-03	.2822
24	.228E-03	.2188
25	.660E-04	.0634
26	.199E-05	.0019
27	.801E-06	.0008
28	.999E-06	.0010
29	.000E+00	.0000
30	.730E-05	.0070
31	.537E-03	.5161
32	.842E-04	.0809
33	.785E-04	.0754
34	.274E-03	.2629
35	.114E-03	.1091

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~20~~ 5 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5

STACK HEIGHT (M)	91
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0000
3	.0055
4	.0067
5	.0057
6	.0012
7	.0136
8	.0421
9	.0638
10	.0025
11	.0054
12	.0399
13	.1343
14	.1094
15	.1082
16	.0192
17	.0017
18	.0010
19	.0000
20	.0030
21	.1617
22	.2157
23	.3161
24	.2268
25	.0710
26	.0290
27	.0024
28	.0016
29	.0000
30	.0107
31	.6977
32	.1638
33	.0898
34	.3731
35	.1747

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~20~~ 5 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6

STACK HEIGHT (M)	91
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0000
3	.0058
4	.0077
5	.0066
6	.0013
7	.0136
8	.0425
9	.0644
10	.0025
11	.0069
12	.0400
13	.1343
14	.1094
15	.1113
16	.0424
17	.1000
18	.0694
19	.0323
20	.0042
21	.1621
22	.2161
23	.3179
24	.2285
25	.1052
26	.0505
27	.0861
28	.0284
29	.0192
30	.0124
31	.7553
32	.4324
33	.0905
34	.4309
35	.3393

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~20~~ 5 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0000
3	.0058
4	.0077
5	.0066
6	.0013
7	.0136
8	.0425
9	.0644
10	.0025
11	.0069
12	.0400
13	.1343
14	.1094
15	.1113
16	.0484
17	.1000
18	.1018
19	.0323
20	.0043
21	.1621
22	.2161
23	.3170
24	.2285
25	.1032
26	.0505
27	.1398
28	.0384
29	.1360
30	.0124
31	.7553
32	.8214
33	.0905
34	.4209
35	.5673

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~20~~ 5 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0000
3	.0058
4	.0077
5	.0066
6	.0013
7	.0136
8	.0425
9	.0644
10	.0025
11	.0069
12	.0400
13	.1343
14	.1094
15	.1113
16	.0484
17	.1000
18	.1027
19	.0379
20	.0043
21	.1621
22	.2161
23	.3170
24	.2285
25	.1032
26	.0505
27	.1476
28	.0396
29	.2200
30	.0145
31	.7553
32	1.0472
33	.0905
34	.4348
35	.6655

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~24~~ 9 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.116E-05	.0012
2	.000E+00	.0000
3	.184E-05	.0019
4	.534E-06	.0005
5	.170E-05	.0018
6	.000E+00	.0000
7	.140E-05	.0014
8	.112E-05	.0011
9	.120E-05	.0012
10	.434E-06	.0004
11	.144E-05	.0015
12	.000E+00	.0000
13	.536E-06	.0005
14	.125E-05	.0013
15	.227E-05	.0023
16	.454E-04	.0461
17	.103E-03	.1044
18	.132E+27	$$$$$$$$
18	.553E-04	.0562
19	.274E-04	.0278
20	.964E-06	.0010
21	.101E-05	.0010
22	.465E-06	.0005
23	.103E-05	.0010
24	.410E-05	.0042
25	.362E-04	.0368
26	.512E-04	.0519
27	.400E-04	.0406
28	.000E+00	.0000
29	.683E-05	.0069
30	.000E+00	.0000
31	.411E-05	.0042
32	.132E-03	.1335
33	.471E-05	.0048
34	.360E-04	.0366
35	.154E-03	.1560

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~24~~ 9 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
16	.000E+00	.0000
25	.000E+00	.0000
32	.189E-03	.1831
34	.000E+00	.0000
35	.255E-03	.2586

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 -
WIND DIRECTION: 63 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.168E-04	.0171
2	.476E-05	.0048
3	.113E-05	.0011
4	.108E-05	.0011
5	.753E-06	.0008
6	.000E+00	.0000
7	.416E-06	.0004
8	.157E-05	.0016
9	.000E+00	.0000
10	.987E-06	.0010
11	.134E-05	.0014
12	.479E-06	.0005
13	.967E-04	.0981
14	.386E-05	.0039
15	.175E-05	.0018
16	.102E-03	.1033

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.271E-04	.0260
2	.982E-05	.0094
3	.171E-05	.0016
4	.134E-05	.0013
5	.915E-06	.0009
6	.524E-05	.0050
7	.475E-05	.0046
8	.143E-06	.0001
9	.190E-07	.0000
10	.000E+00	.0000
10	.555E-05	.0053
11	.537E-05	.0052
12	.256E-05	.0025
13	.334E-05	.0032
14	.501E-06	.0005
15	.000E+00	.0000
16	.515E-05	.0049
17	.805E-06	.0008
18	.420E-05	.0040
19	.527E-05	.0051
20	.429E-05	.0041
21	.355E-04	.0341
22	.587E-04	.0564
23	.723E-04	.0695
24	.583E-04	.0560
25	.741E-05	.0071
26	.617E-05	.0059
27	.651E-06	.0006
30	.300E-04	.0288
31	.150E-03	.1440
32	.452E-04	.0434
33	.760E-06	.0007
34	.163E-03	.1567
35	.114E-03	.1091

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0260
2	.0094
3	.0016
4	.0013
5	.0036
6	.0050
7	.0046
8	.0001
9	.0000
10	.0053
11	.0052
12	.0025
13	.0032
14	.0005
15	.0066
16	.0216
17	.0008
18	.0040
19	.0051
20	.0041
21	.0341
22	.0564
23	.1034
24	.0642
25	.0147
26	.0331
27	.0016
28	.0013
29	.0000
30	.0325
31	.3257
32	.0664
33	.0140
34	.2669
35	.1747

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0272
2	.0094
3	.0035
4	.0018
5	.0054
6	.0050
7	.0060
8	.0013
9	.0012
10	.0058
11	.0065
12	.0025
13	.0037
14	.0018
15	.0087
16	.0577
17	.1071
18	.0602
19	.0327
20	.0051
21	.0331
22	.0569
23	.1045
24	.0683
25	.0514
26	.0850
27	.0422
28	.0013
29	.0069
30	.0325
31	.3288
32	.2000
33	.0188
34	.3035
35	.3307

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0272
2	.0094
3	.0035
4	.0018
5	.0054
6	.0050
7	.0060
8	.0013
9	.0012
10	.0058
11	.0066
12	.0025
13	.0037
14	.0018
15	.0089
16	.0677
17	.1051
18	.0602
19	.0329
20	.0051
21	.0351
22	.0569
23	.1045
24	.0683
25	.0514
26	.0850
27	.0422
28	.0013
29	.0069
30	.0325
31	.3298
32	.3831
33	.0188
34	.3035
35	.5893

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0443
2	.0143
3	.0047
4	.0029
5	.0062
6	.0050
7	.0060
8	.0013
9	.0012
10	.0058
11	.0066
12	.0025
13	.0037
14	.0018
15	.0089
16	.0677
17	.1051
18	.0606
19	.0345
20	.0051
21	.0351
22	.0569
23	.1045
24	.0683
25	.0514
26	.0850
27	.0422
28	.0023
29	.0083
30	.0325
31	.3303
32	.4812
33	.0227
34	.3053
35	.6925

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 13 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.739E-06	.0008
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.000E+00	.0000
10	.000E+00	.0000
11	.770E-05	.0078
12	.000E+00	.0000
13	.000E+00	.0000
13	.000E+00	.0000
14	.935E-06	.0009
15	.668E-05	.0068
16	.215E-03	.2185
17	.458E-03	.4648
18	.215E-03	.2184
19	.109E-03	.1105
20	.000E+00	.0000
21	.000E+00	.0000
22	.762E-06	.0008
23	.427E-05	.0043
24	.170E-04	.0173
25	.221E-03	.2244
27	.161E-03	.1631
28	.469E-04	.0476
29	.267E-04	.0271
30	.000E+00	.0000
31	.000E+00	.0000
32	.953E-04	.0968
33	.269E-05	.0027
34	.102E-03	.1038

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 13 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.142E-04	.0144
3	.970E-05	.0098
4	.862E-05	.0088
5	.129E-05	.0013
6	.442E-05	.0045
7	.119E-04	.0121
8	.228E-04	.0231
10	.464E-04	.0471
11	.151E-05	.0015
12	.256E-04	.0260
13	.139E-04	.0141
14	.203E-04	.0206
15	.236E-04	.0240
16	.766E-05	.0078
17	.459E-04	.0466
18	.319E-04	.0324
19	.156E-04	.0158
20	.146E-04	.0148
21	.428E-04	.0434
22	.491E-04	.0498
23	.709E-04	.0719
24	.208E-04	.0211
25	.298E-04	.0303
27	.291E-05	.0030
28	.668E-06	.0007
29	.174E-04	.0177
30	.709E-05	.0072
31	.674E-05	.0068
32	.184E-04	.0187
32	.475E-04	.0482
33	.240E-04	.0244
34	.183E-04	.0186

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 13 -
WIND DIRECTION: 63 DEG.

UNITS: 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.207E-04	.0212
2	.271E-04	.0275
3	.692E-05	.0070
4	.640E-05	.0065
5	.111E-04	.0113
6	.747E-05	.0076
7	.887E-05	.0088
8	.116E-04	.0118
9	.650E-05	.0066
10	.550E-05	.0056
11	.910E-05	.0092
12	.423E-05	.0043
13	.885E-05	.0090
14	.745E-05	.0076
15	.570E-05	.0058
16	.849E-05	.0086
17	.135E-04	.0137
18	.146E-04	.0149
19	.149E-04	.0152
20	.112E-04	.0114
21	.220E-04	.0223
22	.954E-05	.0097
23	.106E-04	.0107
24	.124E-04	.0126
25	.381E-05	.0039
27	.145E-04	.0147
28	.603E-05	.0061
29	.619E-05	.0063
30	.161E-04	.0164
31	.203E-03	.2061
32	.140E-04	.0142
33	.503E-05	.0051
34	.989E-05	.0100

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 13 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.567E-06	.0005
2	.954E-06	.0009
3	.723E-06	.0007
4	.126E-05	.0012
5	.000E+00	.0000
5	.549E-06	.0005
6	.768E-06	.0007
7	.606E-06	.0006
8	.000E+00	.0000
9	.859E-06	.0008
9	.471E-07	.0000
11	.321E-07	.0000
12	.880E-06	.0008
12	.277E-05	.0027
13	.545E-05	.0052
14	.000E+00	.0000
14	.000E+00	.0000
15	.259E-07	.0000
16	.000E+00	.0000
17	.000E+00	.0000
18	.000E+00	.0000
19	.000E+00	.0000
19	.740E-06	.0007
20	.812E-07	.0001
21	.000E+00	.0000
22	.138E-06	.0001
23	.562E-06	.0005
24	.122E-05	.0012
25	.924E-07	.0001
27	.852E-06	.0008
27	.230E-05	.0022
28	.133E-07	.0000
29	.000E+00	.0000
30	.222E-05	.0021
31	.194E-05	.0018
32	.253E-04	.0243
33	.287E-04	.0275
34	.138E-03	.1327
35	.112E-05	.0011

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 13 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0005
2	.0009
3	.0007
4	.0012
5	.0033
6	.0007
7	.0006
8	.0000
9	.0000
10	.0000
11	.0000
12	.0027
13	.0052
14	.0000
15	.0066
16	.0166
17	.0000
18	.0000
19	.0007
20	.0001
21	.0000
22	.0001
23	.0345
24	.0024
25	.0477
26	.0272
27	.0039
28	.0007
29	.0000
30	.0058
31	.1834
32	.0473
33	.0409
34	.2430
35	.0667

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 13 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0005
2	.0009
3	.0014
4	.0012
5	.0033
6	.0007
7	.0006
8	.0000
9	.0000
10	.0000
11	.0078
12	.0027
13	.0052
14	.0009
15	.0124
16	.2251
17	.4640
18	.2184
19	.1112
20	.0001
21	.0000
22	.0009
23	.0388
24	.0267
25	.2321
26	.0272
27	.1669
28	.0403
29	.0271
30	.0058
31	.1834
32	.1441
33	.0436
34	.3468
35	.0667

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 13 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0095
2	.0153
3	.0113
4	.0100
5	.0046
6	.0052
7	.0127
8	.0000
9	.0232
10	.0471
11	.0094
12	.0286
13	.0194
14	.0215
15	.0374
16	.2429
17	.5113
18	.2507
19	.1270
20	.0149
21	.0434
22	.0507
23	.1108
24	.0478
25	.2623
26	.0272
27	.1699
28	.0489
29	.0448
30	.0130
31	.1903
32	.1924
33	.0680
34	.3654
35	.9667

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 13 - 01
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0218
2	.0428
3	.0183
4	.0165
5	.0198
6	.0128
7	.0215
8	.0118
9	.0299
10	.0527
11	.0186
12	.0328
13	.0283
14	.0281
15	.0430
16	.2515
17	.5259
18	.2659
19	.1422
20	.0263
21	.0657
22	.0604
23	.1215
24	.0604
25	.2662
26	.0272
27	.1846
28	.0551
29	.0511
30	.0234
31	.3963
32	.2066
33	.9731
34	.3755
35	.9667

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~14~~ 2 -
WIND DIRECTION: 63 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.565E-04	.0457
2	.572E-03	.4626
3	.438E-03	.3544
4	.500E-03	.4040
5	.321E-03	.2599
6	.229E-03	.1855
7	.154E-02	1.2446
8	.136E-02	1.0994
9	.887E-03	.7172
10	.727E-03	.5874
11	.501E-03	.4051
12	.150E-02	1.2102
13	.157E-02	1.2708
14	.119E-02	.9631
15	.672E-03	.5436
16	.678E-04	.0548
17	.274E-05	.0022
18	.000E+00	.0000
19	.124E-02	1.0018
20	.167E-02	1.3463
21	.151E-02	1.2177
22	.104E-02	.8375
23	.618E-03	.4994
24	.200E-03	.1617
25	.562E-04	.0454
26	.000E+00	.0000
27	.116E-06	.0001
28	.000E+00	.0000
29	.352E-03	.2850
30	.315E-03	.2547
31	.152E-04	.0123
32	.174E-04	.0141

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~14~~ 2 -
WIND DIRECTION: 63 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
3	.249E-05	.0013
5	.235E-05	.0012
7	.237E-05	.0012
9	.000E+00	.0000
11	.550E-05	.0028
12	.223E-05	.0011
14	.631E-05	.0032
15	.818E-04	.0415
16	.335E-04	.0170
17	.181E-04	.0092
18	.468E-05	.0024
19	.528E-04	.0268
24	.176E-03	.0891
25	.116E-03	.0589
26	.650E-04	.0330
27	.274E-05	.0014
28	.611E-05	.0031
30	.296E-04	.0150
31	.368E-03	.1879
32	.392E-04	.0199
33	.422E-04	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~14~~ 2 -
WIND DIRECTION: 63 DEG.

UNITS:	1	2	3	4	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M/SEC)					13.26
OPERATING LEVEL (%)					100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0457
2	.4639
3	.3544
4	.4040
5	.2611
6	.1855
7	1.2458
8	1.0994
9	.7172
10	.5874
11	.4079
12	1.2114
13	1.2708
14	.9683
15	.5551
16	.0718
17	.0114
18	.0000
19	.0000
20	1.0018
21	1.3463
22	1.2201
23	.8643
24	.5884
25	.2207
26	.0784
27	.0014
28	.0032
29	.0000
30	.3000
31	.4417
32	.0322
33	.0000
34	.0000
35	.0355

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.234E-06	.0001
2	.252E-05	.0013
3	.000E+00	.0000
4	.000E+00	.0000
5	.742E-07	.0000
6	.216E-06	.0001
7	.000E+00	.0000
8	.000E+00	.0000
9	.525E-06	.0003
10	.000E+00	.0000
11	.366E-05	.0019
12	.000E+00	.0000
13	.000E+00	.0000
14	.136E-05	.0007
15	.182E-04	.0092
16	.747E-04	.0379
17	.644E-04	.0327
18	.451E-04	.0229
19	.109E-04	.0056
20	.115E-05	.0006
21	.000E+00	.0000
22	.951E-06	.0005
23	.684E-05	.0035
24	.581E-04	.0295
25	.109E-03	.0552
26	.153E-03	.0778
27	.821E-04	.0417
28	.246E-04	.0125
29	.000E+00	.0000
30	.396E-05	.0020
31	.353E-03	.1793
32	.165E-03	.0838
33	.356E-04	.0181
34	.191E-03	.0972

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
18	.611E-04	.0310
19	.141E-03	.0713
26	.833E-04	.0423
27	.247E-03	.1262
28	.863E-04	.0438
29	.467E-04	.0237
31	.313E-03	.1587
32	.425E-03	.2156
34	.219E-03	.1112

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 -
WIND DIRECTION: 63 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
7	.131E-06	.0001
17	.321E-05	.0016
18	.793E-04	.0403
19	.730E-04	.0371
20	.104E-05	.0005
25	.217E-05	.0011
26	.231E-04	.0117
27	.276E-03	.1402
28	.636E-04	.0323
29	.175E-03	.0889
30	.618E-05	.0031
31	.136E-03	.0691
32	.370E-03	.1877
33	.987E-05	.0050
34	.905E-04	.0461

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.155E-05	.0007
2	.432E-05	.0021
3	.127E-04	.0061
4	.103E-04	.0049
5	.921E-05	.0044
6	.352E-05	.0017
7	.181E-03	.0871
8	.277E-03	.1331
9	.332E-03	.1594
10	.708E-05	.0034
11	.198E-03	.0953
12	.518E-03	.2486
13	.851E-03	.4086
14	.794E-03	.3815
15	.294E-03	.1414
16	.593E-05	.0028
17	.217E-08	.0000
18	.000E+00	.0000
19	.367E-06	.0002
20	.264E-03	.1270
21	.113E-02	.5416
22	.113E-02	.5447
23	.802E-03	.3853
24	.619E-03	.2972
25	.824E-04	.0396
26	.566E-05	.0027
27	.246E-05	.0012
28	.430E-05	.0021
29	.000E+00	.0000
30	.454E-03	.2182
31	.383E-03	.1838
32	.920E-05	.0044
33	.243E-03	.1168
34	.183E-03	.0877

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 - ~~14~~ 2
WIND DIRECTION: 63 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0007
2	.0033
3	.0061
4	.0049
5	.0056
6	.0017
7	.0883
8	.1331
9	.1594
10	.0034
11	.0981
12	.2497
13	.4086
14	.3847
15	.1829
16	.0198
17	.0092
18	.0000
19	.0002
20	.1270
21	.5416
22	.5471
23	.4121
24	.3863
25	.0985
26	.0357
27	.0026
28	.0052
29	.0000
30	.2332
31	.2709
32	.0243
33	.1169
34	.0877
35	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 - ~~14~~ 2
WIND DIRECTION: 63 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0007
2	.0046
3	.0061
4	.0049
5	.0057
6	.0018
7	.0883
8	.1331
9	.1595
10	.0034
11	.0999
12	.2497
13	.4086
14	.3854
15	.1921
16	.0578
17	.0419
18	.0229
19	.0057
20	.1276
21	.5416
22	.5476
23	.4155
24	.4159
25	.1527
26	.1135
27	.0442
28	.0175
29	.0000
30	.2352
31	.5500
32	.1081
33	.1349
34	.1049
35	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 - ~~14~~ 2
WIND DIRECTION: 63 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0009
2	.0046
3	.0061
4	.0049
5	.0057
6	.0018
7	.0883
8	.1331
9	.1596
10	.0034
11	.0999
12	.2497
13	.4086
14	.3854
15	.1921
16	.0578
17	.0419
18	.0539
19	.0771
20	.1276
21	.5416
22	.5476
23	.4155
24	.4158
25	.1537
26	.1558
27	.1705
28	.0614
29	.0237
30	.2352
31	.7087
32	.3237
33	.1349
34	.2961
35	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~21~~ 6 - ~~14~~ 2
WIND DIRECTION: 63 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0009
2	.0046
3	.0061
4	.0049
5	.0057
6	.0018
7	.0883
8	.1331
9	.1596
10	.0034
11	.0999
12	.2497
13	.4086
14	.3854
15	.1921
16	.0578
17	.0435
18	.0942
19	.1141
20	.1281
21	.5416
22	.5476
23	.4155
24	.4158
25	.1549
26	.1676
27	.3196
28	.0637
29	.1126
30	.2384
31	.7779
32	.5114
33	.1399
34	.3423
35	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.000E+00	.0000
3	.000E+00	.0000
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
11	.258E-05	.0013
12	.000E+00	.0000
13	.000E+00	.0000
14	.000E+00	.0000
15	.998E-05	.0051
16	.138E-03	.0700
17	.120E-03	.0609
18	.362E-04	.0184
19	.165E-04	.0084
20	.000E+00	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.188E-05	.0010
24	.718E-05	.0036
25	.683E-04	.0347
26	.557E-04	.0283
27	.115E-04	.0058
28	.000E+00	.0000
29	.000E+00	.0000
30	.000E+00	.0000
31	.155E-03	.0786
32	.375E-04	.0190
33	.650E-05	.0033
34	.198E-03	.1004
35	.800E-04	.0406

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 10 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATIO (PPM)
9	.203E-04	.0103
10	.508E-05	.0026
11	.255E-04	.0130
13	.254E-04	.0129
14	.249E-04	.0127
15	.325E-04	.0165
16	.278E-05	.0014
17	.734E-04	.0373
18	.219E-04	.0111
19	.670E-04	.0340
20	.509E-04	.0258
21	.580E-04	.0294
22	.000E+00	.0000
23	.894E-04	.0454
24	.416E-04	.0211
25	.264E-04	.0134
26	.197E-05	.0010
27	.375E-04	.0190
28	.450E-04	.0228
29	.480E-04	.0243
30	.307E-04	.0156
31	.117E-03	.0595
32	.279E-03	.1416
33	.502E-04	.0255
34	.279E-03	.1415

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 -
WIND DIRECTION: 63 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.289E-03	.1468
3	.245E-05	.0012
4	.137E-05	.0007
5	.158E-05	.0008
6	.903E-06	.0005
7	.597E-06	.0003
8	.000E+00	.0000
9	.132E-05	.0007
10	.395E-07	.0000
11	.533E-06	.0003
12	.787E-06	.0004
13	.121E-06	.0001
14	.966E-06	.0005
15	.218E-05	.0011
16	.793E-07	.0000
17	.107E-05	.0005
18	.155E-05	.0008
19	.344E-05	.0017
20	.169E-05	.0008
21	.000E+00	.0000
22	.237E-06	.0001
23	.632E-06	.0003
25	.174E-05	.0009
26	.908E-06	.0005
27	.374E-05	.0019
28	.410E-05	.0021
29	.129E-05	.0007
30	.403E-06	.0002
31	.301E-04	.0153
32	.269E-03	.1364
33	.450E-05	.0023
34	.509E-04	.0258
35	.173E-03	.0879

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.504E-03	.2422
3	.000E+00	.0000
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
10	.367E-05	.0018
11	.000E+00	.0000
11	.631E-05	.0030
12	.000E+00	.0000
13	.557E-05	.0027
14	.519E-05	.0025
15	.000E+00	.0000
15	.000E+00	.0000
16	.932E-05	.0045
17	.000E+00	.0000
17	.971E-05	.0047
18	.000E+00	.0000
18	.774E-05	.0037
19	.725E-05	.0035
20	.134E-05	.0006
21	.805E-04	.0389
22	.173E-03	.0833
23	.105E-03	.0504
24	.643E-04	.0309
25	.000E+00	.0000
26	.000E+00	.0000
27	.000E+00	.0000
28	.000E+00	.0000
28	.000E+00	.0000
29	.117E-04	.0056
30	.433E-03	.2081
31	.340E-03	.1631
32	.000E+00	.0000
33	.518E-03	.2490
34	.226E-03	.1085
35	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 - 2/4
WIND DIRECTION: 63 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.2435
3	.0000
4	.0000
5	.0012
6	.0000
7	.0012
8	.0000
9	.0000
10	.0018
11	.0058
12	.0011
13	.0027
14	.0057
15	.0415
16	.0215
17	.0138
18	.0037
19	.0035
20	.0006
21	.0389
22	.0556
23	.0772
24	.1299
25	.0589
26	.0330
27	.0014
28	.0031
29	.0056
30	.2231
31	.3501
32	.0199
33	.2490
34	.1085
35	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 - 2/4
WIND DIRECTION: 63 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.2435
3	.0000
4	.0000
5	.0012
6	.0000
7	.0012
8	.0000
9	.0000
10	.0018
11	.0071
12	.0011
13	.0027
14	.0057
15	.0466
16	.0914
17	.0747
18	.0221
19	.0118
20	.0006
21	.0389
22	.0856
23	.0782
24	.1236
25	.0936
26	.0613
27	.0072
28	.0031
29	.0056
30	.2231
31	.4287
32	.0389
33	.2523
34	.2090
35	.0620

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 - 2/4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.2435
3	.0000
4	.0000
5	.0012
6	.0000
7	.0012
8	.0000
9	.0108
10	.0043
11	.0201
12	.0011
13	.0156
14	.0184
15	.0631
16	.0929
17	.1125
18	.0330
19	.0458
20	.0265
21	.0683
22	.0856
23	.1239
24	.1448
25	.1079
26	.0627
27	.0282
28	.0259
29	.0296
30	.2389
31	.4935
32	.1807
33	.2772
34	.2095
35	.2400

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 10 - 2/4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.3502
3	.0012
4	.0007
5	.0020
6	.0005
7	.0015
8	.0000
9	.0110
10	.0044
11	.0204
12	.0015
13	.0156
14	.0188
15	.0642
16	.0929
17	.1125
18	.0340
19	.0476
20	.0273
21	.0683
22	.0857
23	.1239
24	.1448
25	.1079
26	.0627
27	.0282
28	.0290
29	.0306
30	.2389
31	.5035
32	.3171
33	.2800
34	.2348
35	.2915

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 14 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.000E+00	.0000
4	.000E+00	.0000
5	.252E-05	.0013
6	.000E+00	.0000
7	.298E-06	.0002
8	.165E-05	.0008
9	.289E-05	.0015
10	.000E+00	.0000
11	.206E-04	.0104
12	.354E-06	.0002
13	.456E-06	.0002
14	.143E-04	.0073
15	.308E-04	.0157
16	.392E-03	.1989
17	.110E-03	.0559
18	.132E-03	.0672
19	.428E-04	.0217
20	.212E-05	.0011
21	.156E-05	.0008
22	.251E-05	.0013
23	.796E-05	.0040
24	.314E-04	.0159
25	.269E-03	.1363
26	.193E-03	.0979
27	.722E-04	.0367
28	.319E-05	.0016
29	.120E-04	.0061
30	.000E+00	.0000
31	.502E-04	.0255
32	.234E-04	.0119
33	.591E-05	.0030
34	.194E-03	.0984
35	.247E-04	.0125

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 14 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
5	.768E-06	.0004
6	.389E-04	.0198
7	.259E-04	.0132
8	.346E-04	.0175
9	.298E-04	.0152
10	.193E-04	.0098
11	.267E-04	.0135
12	.599E-04	.0304
13	.162E-04	.0082
14	.000E+00	.0000
15	.201E-04	.0102
16	.325E-04	.0165
18	.833E-04	.0423
19	.107E-03	.0544
20	.136E-03	.0689
21	.720E-04	.0365
22	.110E-03	.0561
24	.792E-04	.0402
25	.162E-04	.0082
26	.613E-04	.0311
27	.584E-04	.0296
28	.479E-04	.0243
29	.157E-04	.0080
32	.310E-04	.0157
33	.543E-04	.0276
34	.231E-03	.1171

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 14 -
WIND DIRECTION: 63 DEG.

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.239E-05	.0012
2	.000E+00	.0000
3	.348E-04	.0176
4	.663E-06	.0003
5	.406E-05	.0021
6	.525E-05	.0027
7	.241E-06	.0001
8	.000E+00	.0000
9	.154E-05	.0008
10	.000E+00	.0000
11	.000E+00	.0000
12	.000E+00	.0000
13	.241E-05	.0012
14	.757E-06	.0004
15	.288E-04	.0146
16	.577E-05	.0029
17	.286E-05	.0015
18	.558E-05	.0028
19	.311E-05	.0016
20	.205E-05	.0010
21	.398E-05	.0020
22	.000E+00	.0000
23	.000E+00	.0000
24	.141E-05	.0007
25	.519E-05	.0026
26	.000E+00	.0000
27	.000E+00	.0000
28	.489E-04	.0248
29	.543E-04	.0276
30	.174E-05	.0009
31	.449E-04	.0229
32	.107E-03	.0545

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 14 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
11	.000E+00	.0000
12	.000E+00	.0000
13	.000E+00	.0000
14	.000E+00	.0000
15	.000E+00	.0000
16	.000E+00	.0000
17	.000E+00	.0000
18	.000E+00	.0000
19	.000E+00	.0000
20	.000E+00	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.000E+00	.0000
24	.000E+00	.0000
25	.000E+00	.0000
26	.000E+00	.0000
27	.000E+00	.0000
28	.000E+00	.0000
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.145E-03	.0697
33	.132E-03	.0636
34	.000E+00	.0000
35	.321E-03	.1547
36	.127E-03	.0608
37	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 14 - ~~11~~ 2
WIND DIRECTION: 63 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0013
3	.0000
4	.0000
5	.0012
6	.0000
7	.0012
8	.0000
9	.0000
10	.0000
11	.0028
12	.0011
13	.0000
14	.0032
15	.0415
16	.0170
17	.0092
18	.0000
19	.0000
20	.0000
21	.0000
22	.0024
23	.0268
24	.0891
25	.0589
26	.0330
27	.0014
28	.0031
29	.0000
30	.0847
31	.2506
32	.0199
33	.1543
34	.0608
35	.0214

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 14 - ~~11~~ 2
WIND DIRECTION: 63 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0013
3	.0000
4	.0000
5	.0025
6	.0000
7	.0014
8	.0008
9	.0015
10	.0000
11	.0132
12	.0013
13	.0002
14	.0105
15	.0572
16	.2159
17	.0651
18	.0672
19	.0217
20	.0011
21	.0008
22	.0036
23	.0308
24	.1050
25	.1953
26	.1309
27	.0381
28	.0047
29	.0061
30	.0847
31	.2761
32	.0318
33	.1572
34	.1592
35	.0340

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 14 - 2/4
WIND DIRECTION: 63 DEG

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0013
3	.0000
4	.0000
5	.0029
6	.0198
7	.0145
8	.0184
9	.0166
10	.0098
11	.0269
12	.0317
13	.0085
14	.0103
15	.0674
16	.2324
17	.0651
18	.1095
19	.0761
20	.0700
21	.0373
22	.0036
23	.0869
24	.1452
25	.2035
26	.1620
27	.0677
28	.0230
29	.0141
30	.0847
31	.2751
32	.0475
33	.1848
34	.2783
35	.0340

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 14 - 2/4
WIND DIRECTION: 63 DEG

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0015
3	.0000
4	.0000
5	.0205
6	.0261
7	.0146
8	.0217
9	.0187
10	.0098
11	.0269
12	.0320
13	.0085
14	.0105
15	.0674
16	.2335
17	.0651
18	.1241
19	.0790
20	.0714
21	.0422
22	.0057
23	.0875
24	.1475
25	.1975
26	.1620
27	.0684
28	.0317
29	.0141
30	.0847
31	.3008
32	.0751
33	.1857
34	.3083
35	.0280

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 3 -
WIND DIRECTION: 63 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.173E-04	.0210
2	.259E-03	.3139
3	.360E-03	.4369
4	.232E-03	.2818
5	.205E-03	.2487
6	.275E-03	.3334
7	.878E-03	1.0653
8	.752E-03	.9119
9	.378E-03	.4584
10	.129E-03	.1560
11	.119E-03	.1443
12	.105E-02	1.2719
13	.108E-02	1.3119
14	.418E-03	.5071
15	.288E-03	.3496
16	.142E-04	.0173
17	.443E-05	.0054
18	.346E-05	.0042
19	.337E-05	.0041
20	.665E-05	.0069
21	.903E-03	1.0949
22	.789E-03	.9570
23	.551E-03	.6682
24	.377E-03	.4573
25	.311E-04	.0377
26	.914E-05	.0111
27	.447E-05	.0054
28	.367E-05	.0045
29	.315E-05	.0038
30	.288E-03	.3490
31	.754E-04	.0914
32	.407E-05	.0049
33	.141E-03	.1705
34	.313E-04	.0380
35	.376E-05	.0046

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 3 -
WIND DIRECTION: 63 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.000E+00	.0000
4	.000E+00	.0000
5	.326E-06	.0002
6	.000E+00	.0000
7	.477E-06	.0004
8	.000E+00	.0000
9	.771E-06	.0006
11	.208E-05	.0016
12	.000E+00	.0000
13	.228E-06	.0002
14	.794E-05	.0060
15	.112E-04	.0086
16	.941E-05	.0072
17	.255E-05	.0019
18	.000E+00	.0000
19	.000E+00	.0000
20	.000E+00	.0000
21	.000E+00	.0000
22	.593E-05	.0045
23	.564E-04	.0430
24	.147E-03	.1116
25	.647E-04	.0493
26	.404E-04	.0308
27	.000E+00	.0000
28	.274E-05	.0021
29	.000E+00	.0000
30	.251E-04	.0191
31	.213E-03	.1625
32	.673E-05	.0051
33	.604E-04	.0460
34	.730E-04	.0556
35	.289E-05	.0022

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO ~~18~~ 3 -
WIND DIRECTION: 63 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0210
2	.3139
3	.4369
4	.2818
5	.2489
6	.3334
7	1.0656
8	.9119
9	.4590
10	.1560
11	.1459
12	1.2719
13	1.3121
14	.5132
15	.3572
16	.0245
17	.0073
18	.0042
19	.0041
20	.8069
21	1.0949
22	.9616
23	.7112
24	.5699
25	.0869
26	.0418
27	.0054
28	.0065
29	.0038
30	.3681
31	.2539
32	.0101
33	.2165
34	.0336
35	.0068

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.317E-06	.0002
3	.540E-06	.0004
4	.000E+00	.0000
5	.844E-06	.0006
6	.000E+00	.0000
7	.000E+00	.0000
8	.356E-06	.0003
9	.000E+00	.0000
10	.000E+00	.0000
11	.231E-05	.0018
12	.000E+00	.0000
13	.000E+00	.0000
14	.403E-07	.0000
15	.321E-05	.0024
16	.374E-04	.0285
17	.390E-04	.0297
18	.503E-04	.0383
19	.153E-04	.0117
20	.199E-06	.0002
21	.000E+00	.0000
22	.606E-06	.0005
23	.129E-05	.0009
24	.117E-04	.0089
25	.911E-04	.0694
26	.105E-04	.0080
27	.153E-04	.0117
28	.165E-04	.0126
29	.440E-06	.0003
30	.338E-05	.0026
31	.341E-03	.2596
32	.502E-04	.0382
33	.376E-04	.0434
34	.187E-03	.1422
35	.239E-04	.0190

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
19	.534E-05	.0041
26	.164E-04	.0125
27	.602E-04	.0459
31	.147E-03	.1118
32	.219E-03	.1667
34	.185E-03	.1410
35	.113E-03	.0862

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 -
WIND DIRECTION: 63 DEG.

UNITS: 9
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.000E+00	.0000
5	.000E+00	.0000
7	.000E+00	.0000
12	.000E+00	.0000
14	.000E+00	.0000
15	.000E+00	.0000
16	.326E-06	.0002
17	.151E-05	.0012
18	.368E-04	.0280
19	.125E-03	.0952
20	.233E-05	.0018
25	.140E-05	.0011
26	.346E-05	.0026
27	.646E-04	.0492
28	.291E-04	.0221
29	.533E-04	.0406
30	.131E-05	.0010
31	.492E-04	.0374
32	.275E-03	.2095
33	.171E-05	.0013
34	.744E-04	.0566
35	.108E-03	.0823

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.198E-05	.0014
2	.213E-05	.0015
3	.132E-05	.0010
4	.450E-05	.0032
5	.128E-05	.0009
6	.266E-06	.0002
7	.707E-05	.0051
8	.433E-04	.0312
9	.110E-03	.0786
10	.613E-05	.0044
11	.124E-05	.0009
12	.181E-03	.1305
13	.359E-03	.2590
14	.142E-03	.1023
15	.964E-04	.0694
16	.178E-07	.0000
17	.000E+00	.0000
18	.000E+00	.0000
19	.695E-06	.0005
20	.111E-03	.0798
21	.478E-03	.3441
22	.502E-03	.3618
23	.158E-03	.1142
24	.117E-03	.0838
25	.855E-06	.0006
26	.575E-06	.0004
27	.146E-06	.0001
28	.000E+00	.0000
29	.000E+00	.0000
30	.409E-03	.2950
31	.222E-03	.1598
32	.300E-05	.0022
33	.393E-03	.2830
34	.165E-03	.1191
35	.176E-05	.0013

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 - ~~10~~ 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0030
2	.0016
3	.0033
4	.0056
5	.0037
6	.0006
7	.0080
8	.0337
9	.0827
10	.0044
11	.0050
12	.1330
13	.2617
14	.1108
15	.0805
16	.0097
17	.0945
18	.0025
19	.0027
20	.0809
21	.3455
22	.3688
23	.1597
24	.1999
25	.0524
26	.0337
27	.0020
28	.0046
29	.0024
30	.3166
31	.3248
32	.0098
33	.3315
34	.1772
35	.0060

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 - ~~10~~ 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0030
2	.0018
3	.0037
4	.0056
5	.0043
6	.0006
7	.0080
8	.0340
9	.0827
10	.0044
11	.0068
12	.1330
13	.2617
14	.1109
15	.0830
16	.0382
17	.0341
18	.0408
19	.0144
20	.0810
21	.3455
22	.3693
23	.1606
24	.2088
25	.1218
26	.0417
27	.0137
28	.0172
29	.0028
30	.3192
31	.3844
32	.0480
33	.3769
34	.3195
35	.0250

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 - ~~18~~ 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0030
2	.0018
3	.0037
4	.0056
5	.0043
6	.0006
7	.0080
8	.0340
9	.0827
10	.0044
11	.0068
12	.1330
13	.2617
14	.1109
15	.0830
16	.0382
17	.0341
18	.0408
19	.0185
20	.0810
21	.3455
22	.3693
23	.1605
24	.2088
25	.1218
26	.0542
27	.0555
28	.0172
29	.0028
30	.3192
31	.6562
32	.2148
33	.3769
34	.4605
35	.1112

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 7 - ~~18~~ 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0030
2	.0018
3	.0037
4	.0056
5	.0043
6	.0006
7	.0080
8	.0340
9	.0827
10	.0044
11	.0068
12	.1330
13	.2617
14	.1109
15	.0830
16	.0384
17	.0353
18	.0688
19	.1136
20	.0828
21	.3455
22	.3693
23	.1605
24	.2088
25	.1227
26	.0569
27	.1087
28	.0393
29	.0433
30	.3202
31	.7336
32	.4242
33	.3782
34	.5171
35	.1935

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~25~~ 11 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.638E-07	.0000
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
11	.270E-06	.0002
12	.000E+00	.0000
13	.000E+00	.0000
14	.000E+00	.0000
15	.156E-05	.0012
16	.285E-04	.0217
17	.335E-04	.0255
18	.146E-04	.0111
19	.661E-05	.0050
20	.147E-07	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.135E-05	.0010
24	.182E-05	.0014
25	.824E-05	.0063
26	.000E+00	.0000
27	.000E+00	.0000
28	.236E-05	.0018
29	.134E-06	.0001
30	.121E-05	.0009
31	.000E+00	.0000
32	.323E-04	.0246
33	.119E-03	.0906
34	.185E-03	.0014
35	.515E-04	.0392
36	.164E-03	.1251

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~25~~ 11 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
7	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
11	.544E-05	.0041
12	.000E+00	.0000
13	.000E+00	.0000
14	.000E+00	.0000
15	.412E-05	.0031
16	.000E+00	.0000
17	.215E-04	.0163
18	.179E-04	.0136
19	.277E-04	.0211
20	.259E-04	.0197
21	.278E-04	.0212
22	.291E-04	.0222
23	.366E-04	.0279
24	.217E-04	.0165
25	.985E-05	.0075
26	.198E-04	.0151
27	.176E-04	.0134
28	.000E+00	.0000
29	.238E-04	.0181
30	.216E-04	.0165
31	.217E-04	.0165
32	.329E-03	.2502
33	.111E-05	.0008
34	.323E-04	.0246

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~25~~ 11 -
WIND DIRECTION: 63 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.445E-07	.0000
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.195E-05	.0015
8	.000E+00	.0000
9	.914E-07	.0001
10	.000E+00	.0000
11	.000E+00	.0000
12	.000E+00	.0000
13	.000E+00	.0000
14	.000E+00	.0000
15	.000E+00	.0000
16	.000E+00	.0000
17	.000E+00	.0000
18	.000E+00	.0000
19	.627E-06	.0005
20	.000E+00	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.127E-05	.0010
24	.000E+00	.0000
25	.000E+00	.0000
26	.000E+00	.0000
27	.000E+00	.0000
28	.143E-05	.0011
29	.762E-06	.0006
30	.170E-05	.0013
31	.000E+00	.0000
32	.767E-07	.0001
33	.166E-03	.1267
34	.399E-05	.0030
35	.417E-05	.0032
36	.842E-04	.0642

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~25~~ 11 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.946E-06	.0007
4	.000E+00	.0000
5	.000E+00	.0000
6	.607E-06	.0004
7	.000E+00	.0000
8	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
11	.000E+00	.0000
12	.000E+00	.0000
13	.153E-06	.0001
14	.320E-06	.0002
15	.107E-05	.0008
16	.133E-05	.0010
17	.248E-06	.0002
18	.000E+00	.0000
19	.000E+00	.0000
20	.000E+00	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.000E+00	.0000
24	.000E+00	.0000
25	.301E-05	.0022
26	.493E-05	.0036
27	.808E-05	.0058
28	.464E-05	.0033
29	.315E-05	.0023
30	.000E+00	.0000
31	.000E+00	.0000
32	.537E-05	.0039
33	.000E+00	.0000
34	.111E-05	.0008
35	.000E+00	.0000
36	.103E-04	.0075
37	.314E-03	.2263
38	.491E-05	.0035
39	.498E-05	.0036
40	.216E-03	.1558
41	.758E-04	.0547

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~25~~ 11 - ~~13~~ 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0016
2	.0007
3	.0024
4	.0023
5	.0032
6	.0004
7	.0029
8	.0025
9	.0031
10	.0000
11	.0042
12	.0027
13	.0037
14	.0088
15	.0111
16	.0097
17	.0045
18	.0025
19	.0022
20	.0011
21	.0036
22	.0106
23	.0513
24	.1175
25	.0541
26	.0333
27	.0058
28	.0054
29	.0024
30	.0291
31	.3912
32	.0112
33	.0521
34	.2140
35	.0594

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~25~~ 11 - ~~13~~ 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0016
2	.0007
3	.0024
4	.0023
5	.0032
6	.0004
7	.0029
8	.0025
9	.0031
10	.0000
11	.0044
12	.0027
13	.0037
14	.0088
15	.0123
16	.0314
17	.0309
18	.0136
19	.0073
20	.0011
21	.0036
22	.0105
23	.0524
24	.1188
25	.0603
26	.0333
27	.0059
28	.0055
29	.0034
30	.0291
31	.4159
32	.1020
33	.0535
34	.2532
35	.1846

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 11 - 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0016
2	.0007
3	.0024
4	.0023
5	.0032
6	.0004
7	.0029
8	.0025
9	.0031
10	.0000
11	.0006
12	.0027
13	.0037
14	.0088
15	.0154
16	.0314
17	.0463
18	.0275
19	.0284
20	.0208
21	.0248
22	.0322
23	.0802
24	.1354
25	.0670
26	.0484
27	.0192
28	.0236
29	.0198
30	.0456
31	.4159
32	.3523
33	.0535
34	.2778
35	.1846

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 11 - 3
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0016
2	.0007
3	.0025
4	[illegible]
5	.0032
6	.0004
7	.0044
8	.0025
9	.0032
10	.0000
11	.0006
12	.0027
13	.0037
14	.0088
15	.0154
16	.0314
17	.0463
18	.0275
19	.0288
20	.0208
21	.0248
22	.0322
23	.0802
24	.1354
25	.0670
26	.0484
27	.0192
28	.0242
29	.0211
30	.0456
31	.4159
32	.4790
33	.0565
34	.2810
35	.2487

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~17~~ 4 -
WIND DIRECTION: 63 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.378E-04	.0229
2	.723E-03	.4381
3	.790E-03	.4791
4	.883E-04	.0536
5	.377E-03	.2288
6	.408E-03	.2472
7	.131E-02	.7918
8	.133E-02	.8088
9	.960E-03	.5822
10	.571E-03	.3462
11	.544E-03	.3300
12	.139E-02	.8425
13	.157E-02	.9496
14	.121E-02	.7336
15	.656E-03	.3975
16	.702E-04	.0426
17	.102E-04	.0062
18	.103E-04	.0062
19	.377E-05	.0023
20	.889E-03	.5389
21	.155E-02	.9390
22	.164E-02	.9962
23	.963E-03	.5838
24	.587E-03	.3560
25	.953E-04	.0578
26	.379E-04	.0230
27	.893E-05	.0054
28	.115E-04	.0070
29	.375E-05	.0023
30	.273E-03	.2262
31	.257E-03	.1556
32	.137E-04	.0083
33	.219E-03	.1327
34	.140E-03	.0851
35	.132E-04	.0080
36	.124E-04	.0075
37	.283E-04	.0171
38	.118E-04	.0072
39	.437E-05	.0026
40	.223E-04	.0135

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~17~~ 4 -
WIND DIRECTION: 63 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.000E+00	.0000
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.000E+00	.0000
9	.000E+00	.0000
10	.000E+00	.0000
11	.798E-05	.0030
12	.000E+00	.0000
13	.000E+00	.0000
14	.576E-05	.0022
15	.312E-04	.0119
16	.427E-04	.0162
17	.203E-04	.0077
18	.147E-06	.0001
19	.000E+00	.0000
20	.000E+00	.0000
21	.208E-06	.0001
22	.128E-05	.0005
23	.412E-04	.0157
24	.144E-03	.0550
25	.139E-03	.0527
26	.369E-04	.0140
27	.308E-05	.0012
28	.603E-05	.0023
29	.000E+00	.0000
30	.000E+00	.0000
31	.405E-03	.1543
32	.469E-04	.0179
33	.391E-04	.0149
34	.178E-03	.0679
35	.255E-04	.0097
36	.133E-05	.0006
37	.191E-05	.0007
38	.421E-06	.0002
40	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION, PPM FOR RUN NO 4 -
WIND DIRECTION: 63 DEG

UNIT(S):	1	2	3	4	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M/SEC)					13.26
OPERATING LEVEL (%)					75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0229
2	.4381
3	.4791
4	.0534
5	.2188
6	.2472
7	.7918
8	.8088
9	.5824
10	.3469
11	.3330
12	.8425
13	.9498
14	.7358
15	.4093
16	.0588
17	.9139
18	.0063
19	.0023
20	.5389
21	.9391
22	.9967
23	.3994
24	.4110
25	.1195
26	.0370
27	.0066
28	.0093
29	.0023
30	.2262
31	.0088
32	.0262
33	.1478
34	.1529
35	.0177

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 8 -
WIND DIRECTION: 63 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
2	.200E-05	.0008
3	.000E+00	.0000
4	.000E+00	.0000
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.138E-05	.0005
9	.000E+00	.0000
10	.000E+00	.0000
11	.133E-05	.0005
12	.000E+00	.0000
13	.000E+00	.0000
14	.235E-05	.0009
15	.156E-04	.0059
16	.443E-04	.0169
17	.279E-04	.0106
18	.469E-04	.0179
19	.000E+00	.0000
20	.000E+00	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.000E+00	.0000
24	.487E-05	.0019
25	.100E-03	.0382
25	.228E-04	.0087
27	.762E-04	.0290
28	.216E-04	.0082
29	.942E-05	.0036
30	.000E+00	.0000
31	.261E-03	.0992
32	.152E-03	.0579
33	.253E-04	.0096
34	.134E-03	.0509
35	.846E-04	.0322

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 9 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
18	.887E-04	.0338
19	.148E-03	.0562
27	.377E-03	.1436
28	.665E-04	.0253
29	.519E-04	.0198
31	.151E-03	.0575
32	.446E-03	.1700
34	.124E-03	.0471
35	.190E-03	.0723

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~02~~ 8 -
WIND DIRECTION: 63 DEG.

UNITS: 9
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.508E-06	.0002
3	.439E-06	.0002
6	.000E+00	.0000
7	.000E+00	.0000
8	.956E-06	.0004
9	.275E-06	.0001
11	.387E-06	.0001
12	.582E-06	.0002
13	.000E+00	.0000
14	.251E-05	.0010
15	.609E-06	.0002
16	.375E-06	.0001
17	.769E-06	.0003
18	.962E-04	.0366
19	.117E-03	.0446
20	.342E-05	.0013
21	.605E-06	.0002
22	.466E-06	.0002
23	.806E-06	.0003
24	.361E-07	.0000
25	.850E-05	.0032
26	.942E-05	.0036
27	.323E-03	.1229
28	.659E-04	.0251
29	.142E-03	.0541
30	.414E-05	.0016
31	.534E-04	.0203
32	.257E-03	.0979
33	.331E-05	.0020
34	.514E-04	.0196
35	.135E-03	.0513

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~03~~ 8 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.482E-06	.0002
2	.102E-04	.0037
3	.265E-04	.0095
4	.295E-04	.0106
5	.767E-04	.0276
6	.384E-05	.0014
7	.411E-03	.1479
8	.622E-03	.2239
9	.255E-03	.0919
10	.462E-05	.0017
11	.142E-03	.0513
12	.796E-03	.2867
13	.944E-03	.3400
14	.730E-03	.2628
15	.365E-03	.1314
16	.122E-04	.0044
17	.271E-05	.0010
18	.000E+00	.0000
19	.501E-06	.0002
20	.306E-03	.1104
21	.146E-02	.5272
22	.169E-02	.6072
23	.140E-02	.5031
24	.842E-03	.3033
25	.329E-03	.1186
26	.000E+00	.0000
27	.000E+00	.0000
28	.721E-05	.0026
29	.762E-06	.0003
30	.518E-03	.1866
31	.806E-03	.2903
32	.223E-04	.0080
33	.220E-03	.0792
34	.233E-03	.0841
35	.282E-04	.0101

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~23~~ 8 - ~~17~~ 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0051
3	.0116
4	.0106
5	.0295
6	.0034
7	.1499
8	.2258
9	.0937
10	.0036
11	.0565
12	.2887
13	.3417
14	.2672
15	.1455
16	.0228
17	.0109
18	.0023
19	.0017
20	.1121
21	.5295
22	.6099
23	.5210
24	.3605
25	.1725
26	.0169
27	.0034
28	.0071
29	.0023
30	.1884
31	.3569
32	.0281
33	.0963
34	.1542
35	.0220

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~23~~ 8 - ~~17~~ 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0059
3	.0116
4	.0106
5	.0295
6	.0034
7	.1499
8	.2263
9	.0937
10	.0036
11	.0570
12	.2887
13	.3417
14	.2681
15	.1514
16	.0287
17	.0215
18	.0201
19	.0017
20	.1121
21	.5295
22	.6099
23	.5210
24	.3623
25	.2117
26	.0249
27	.0324
28	.0153
29	.0059
30	.1884
31	.4560
32	.0860
33	.1059
34	.2050
35	.0543

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~23~~ 8 - ~~17~~ 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0059
3	.0116
4	.0106
5	.0295
6	.0034
7	.1499
8	.2263
9	.0937
10	.0036
11	.0570
12	.2807
13	.3417
14	.2681
15	.1519
16	.0397
17	.0215
18	.0539
19	.0578
20	.1121
21	.5285
22	.6099
23	.5210
24	.3623
25	.2117
26	.0249
27	.1760
28	.0406
29	.0256
30	.1884
31	.5126
32	.2560
33	.1059
34	.2522
35	.1265

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~23~~ 8 - ~~17~~ 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0061
3	.0118
4	.0106
5	.0285
6	.0034
7	.1499
8	.2267
9	.0938
10	.0036
11	.0572
12	.2809
13	.3417
14	.2691
15	.1518
16	.0398
17	.0218
18	.0905
19	.1026
20	.1134
21	.5297
22	.6101
23	.5213
24	.3523
25	.2159
26	.0285
27	.1889
28	.0657
29	.0797
30	.1900
31	.5240
32	.2528
33	.1079
34	.2717
35	.1779

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 17 -
WIND DIRECTION: 63 DEG

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.585E-05	.0021
2	.579E-05	.0037
3	.109E-04	.0041
4	.640E-05	.0034
5	.115E-04	.0044
6	.101E-04	.0039
7	.202E-05	.0008
8	.882E-05	.0034
9	.795E-05	.0030
10	.496E-05	.0019
11	.508E-05	.0019
12	.266E-04	.0102
13	.687E-05	.0026
14	.108E-04	.0041
15	.992E-05	.0038
16	.224E-04	.0085
17	.304E-04	.0116
18	.172E-04	.0065
19	.128E-04	.0049
20	.979E-05	.0037
21	.866E-05	.0033
22	.000E+00	.0000
23	.146E-04	.0055
24	.103E-04	.0039
25	.271E-04	.0103
26	.115E-04	.0044
27	.000E+00	.0000
28	.689E-05	.0026
29	.901E-05	.0034
30	.427E-05	.0016
31	.462E-04	.0178
32	.445E-04	.0170
33	.269E-04	.0102
34	.175E-03	.0665
35	.432E-04	.0165

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 17 -
WIND DIRECTION: 63 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.576E-05	.0020
4	.472E-04	.0180
5	.188E-05	.0008
7	.701E-04	.0267
8	.528E-05	.0009
9	.114E-03	.0433
10	.870E-04	.0331
12	.995E-04	.0379
13	.857E-04	.0326
14	.137E-04	.0052
15	.994E-04	.0378
16	.156E-04	.0059
18	.264E-04	.0100
20	.161E-03	.0615
21	.186E-03	.0710
22	.934E-04	.0357
23	.112E-03	.0427
24	.248E-04	.0094
27	.921E-04	.0351
28	.375E-05	.0014
29	.559E-05	.0021
30	.119E-03	.0453
31	.141E-04	.0054
33	.124E-03	.0474
35	.113E-07	.0000

--- RAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 12 -
WIND DIRECTION: 63 DEG

UNITS: 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.4395E-05	.0016
2	.3935E-05	.0015
3	.4885E-05	.0019
4	.3265E-05	.0012
5	.7375E-05	.0028
6	.4825E-05	.0018
7	.3815E-05	.0015
8	.4455E-05	.0017
9	.4875E-05	.0019
10	.4435E-05	.0017
11	.4215E-05	.0016
12	.6605E-05	.0025
13	.0000E+00	.0000
14	.4175E-05	.0016
15	.5545E-05	.0021
16	.6145E-05	.0023
17	.6555E-05	.0025
18	.4165E-05	.0016
19	.5565E-05	.0022
20	.5915E-05	.0000
21	.4215E-05	.0016
22	.5705E-05	.0022
23	.1375E-04	.0051
24	.4485E-05	.0017
25	.2085E-05	.0008
26	.8715E-05	.0033
27	.9845E-05	.0034
28	.3565E-05	.0014
29	.1055E-04	.0040
30	.2505E-05	.0096
31	.7815E-05	.0030
32	.3135E-04	.0119
33	.1165E-03	.0440

--- RAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 12 -
WIND DIRECTION: 63 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.215E-05	.0008
3	.137E-05	.0005
4	.324E-06	.0001
5	.152E-05	.0005
6	.147E-05	.0005
7	.960E-06	.0003
8	.179E-05	.0006
9	.241E-05	.0009
10	.698E-06	.0003
11	.163E-07	.0000
12	.198E-05	.0007
13	.501E-05	.0018
14	.941E-05	.0034
15	.000E+00	.0000
16	.000E+00	.0000
17	.500E-05	.0018
18	.149E-06	.0001
19	.000E+00	.0000
20	.000E+00	.0000
21	.000E+00	.0000
22	.894E-05	.0032
23	.865E-04	.0312
24	.138E-03	.0499
25	.158E-03	.0568
26	.119E-03	.0429
27	.367E-05	.0013
28	.411E-06	.0001
29	.115E-04	.0042
30	.000E+00	.0000
31	.115E-04	.0041
32	.610E-06	.0002
33	.117E-05	.0004
34	.449E-03	.1619
35	.336E-03	.1212
36	.000E+00	.0000
37	.901E-06	.0003
38	.329E-03	.1185
39	.224E-03	.0807
40	.182E-05	.0007

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~22~~ 12 - ~~17~~ 4
WIND DIRECTION: 63 DEG.

UNITS: 10 3
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0022
3	.0026
4	.0001
5	.0024
6	.0023
7	.0027
8	.0027
9	.0021
10	.0019
11	.0060
12	.0038
13	.0050
14	.0044
15	.0159
16	.0185
17	.0100
18	.0023
19	.0015
20	.0040
21	.0335
22	.0526
23	.0747
24	.1001
25	.0563
26	.0204
27	.0075
28	.0047
29	.0024
30	.1637
31	.2777
32	.0204
33	.1356
34	.1509
35	.0126

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. ~~26~~ 12 - ~~47~~ 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0021
2	.0060
3	.0067
4	.0026
5	.0068
6	.0062
7	.0035
8	.0061
9	.0051
10	.0038
11	.0079
12	.0147
13	.0076
14	.0085
15	.0197
16	.0270
17	.0215
18	.0088
19	.0064
20	.0086
21	.0368
22	.0526
23	.0802
24	.1040
25	.0666
26	.0248
27	.0075
28	.0074
29	.0059
30	.1653
31	.2336
32	.0374
33	.1455
34	.2173
35	.0290

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 12 - 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0021
2	.0082
3	.0067
4	.0205
5	.0075
6	.0062
7	.0392
8	.0063
9	.0484
10	.0370
11	.0079
12	.0526
13	.0402
14	.0137
15	.0575
16	.0330
17	.0215
18	.0227
19	.0064
20	.0701
21	.0368
22	.1235
23	.0802
24	.1396
25	.1092
26	.0342
27	.0426
28	.0095
29	.0312
30	.1653
31	.3019
32	.0374
33	.1332
34	.2173
35	.0290

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 12 - 4
WIND DIRECTION: 63 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0039
2	.0086
3	.0086
4	.0218
5	.0102
6	.0080
7	.0316
8	.0080
9	.0502
10	.0387
11	.0095
12	.0526
13	.0428
14	.0137
15	.0591
16	.0330
17	.0236
18	.0250
19	.0089
20	.0717
21	.0370
22	.1235
23	.0818
24	.1417
25	.1143
26	.0339
27	.0434
28	.0128
29	.0545
30	.1667
31	.3049
32	.1359
33	.1962
34	.2292
35	.0731

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~15~~ 13 -
WIND DIRECTION: 153 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
6	.295E-05	.0048
7	.225E-05	.0036
8	.113E-05	.0018
9	.201E-05	.0033
10	.473E-04	.0765
11	.340E-04	.0550
12	.210E-05	.0034
13	.112E-05	.0018
14	.000E+00	.0000
15	.314E-05	.0051
16	.753E-05	.0122
17	.190E-05	.0031
18	.137E-05	.0022
19	.147E-05	.0024
20	.130E-05	.0021
21	.864E-06	.0014
22	.149E-05	.0024
23	.952E-05	.0154
24	.200E-04	.0324
25	.437E-04	.0706
26	.155E-05	.0025
27	.160E-05	.0026
28	.155E-05	.0025
29	.298E-05	.0048
30	.158E-05	.0026
31	.139E-04	.0225
32	.662E-04	.1071

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~15~~ 15 -
WIND DIRECTION: 153 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
6	.290E-06	.0004
7	.191E-05	.0019
8	.561E-06	.0006
10	.197E-05	.0020
11	.859E-05	.0087
12	.951E-06	.0010
13	.703E-06	.0007
14	.206E-05	.0021
15	.922E-06	.0009
16	.222E-05	.0023
17	.147E-05	.0015
18	.933E-06	.0009
19	.681E-06	.0007
20	.307E-06	.0003
21	.987E-06	.0010
22	.162E-05	.0016
23	.262E-05	.0027
24	.112E-04	.0114
25	.283E-04	.0288
26	.637E-06	.0006
27	.977E-06	.0010
28	.106E-05	.0011
29	.181E-05	.0018
30	.687E-06	.0007
31	.795E-05	.0072
32	.348E-04	.0354

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~13~~ 15 -
WIND DIRECTION: 153 DEG

UNITS:	1	2	3	4	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M/SEC)					6.63
OPERATING LEVEL (%)					100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0000
3	.0000
4	.0000
5	.0000
6	.0052
7	.0055
8	.0018
9	.0038
10	.0785
11	.0638
12	.0044
13	.0025
14	.0021
15	.0060
16	.0144
17	.0046
18	.0032
19	.0031
20	.0024
21	.0024
22	.0041
23	.0181
24	.0437
25	.0094
26	.0032
27	.0036
28	.0036
29	.0066
30	.0033
31	.0296
32	.1425
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.147E-04	.0149
2	.204E-04	.0207
3	.411E-04	.0418
4	.176E-03	.1783
5	.971E-04	.0986
6	.145E-04	.0147
7	.146E-04	.0148
8	.141E-04	.0143
9	.162E-04	.0164
10	.346E-04	.0351
11	.118E-03	.1196
12	.135E-04	.0137
13	.145E-04	.0147
14	.185E-04	.0188
15	.351E-04	.0357
16	.562E-04	.0571
17	.284E-04	.0289
18	.165E-04	.0168
19	.206E-04	.0210
20	.247E-04	.0250
21	.397E-04	.0403
22	.720E-04	.0731
23	.797E-04	.0809
24	.855E-04	.0868
25	.526E-04	.0534
26	.135E-04	.0137
27	.159E-04	.0161
28	.158E-04	.0160
29	.249E-04	.0251
30	.409E-04	.0415
31	.668E-04	.0678
32	.144E-04	.0147

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.267E-04	.0271
2	.392E-04	.0398
3	.398E-04	.0404
4	.162E-03	.1650
5	.210E-03	.2129
6	.355E-04	.0360
7	.240E-04	.0243
8	.221E-04	.0225
9	.159E-04	.0161
10	.344E-04	.0350
11	.135E-03	.1374
12	.218E-04	.0222
13	.210E-04	.0214
14	.115E-04	.0117
15	.352E-04	.0357
16	.000E+00	.0000
17	.392E-05	.0039
18	.369E-04	.0374
19	.193E-04	.0196
20	.330E-04	.0336
21	.467E-04	.0474
22	.307E-04	.0312
23	.103E-03	.1045
24	.132E-03	.1342
25	.127E-03	.1292
26	.539E-04	.0548
27	.312E-04	.0317
28	.141E-04	.0144
29	.174E-04	.0176
30	.271E-04	.0275
31	.539E-04	.0547
32	.783E-04	.0794
	.263E-04	.0267

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 -
WIND DIRECTION: 153 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.755E-06	.0008
2	.000E+00	.0000
3	.135E-05	.0015
4	.822E-04	.0835
5	.106E-03	.1081
6	.197E-05	.0020
7	.186E-05	.0019
8	.540E-06	.0005
9	.380E-06	.0004
10	.342E-05	.0035
11	.591E-04	.0600
12	.623E-06	.0006
13	.226E-05	.0023
14	.763E-05	.0077
15	.204E-04	.0207
16	.540E-05	.0055
17	.306E-05	.0031
18	.159E-05	.0016
19	.353E-05	.0036
20	.954E-05	.0097
21	.217E-04	.0220
22	.524E-04	.0532
23	.535E-04	.0543
24	.184E-04	.0187
25	.665E-06	.0007
26	.932E-06	.0010
27	.118E-05	.0012
28	.508E-05	.0052
29	.175E-04	.0177
30	.339E-04	.0344
31	.316E-05	.0032

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.200E-05	.0019
2	.615E-05	.0059
3	.847E-04	.0814
4	.441E-03	.4240
5	.265E-04	.0255
6	.594E-05	.0057
7	.512E-05	.0049
8	.196E-05	.0019
9	.600E-05	.0058
10	.795E-04	.0764
11	.372E-03	.3574
12	.289E-05	.0028
13	.699E-05	.0067
14	.236E-04	.0227
15	.690E-04	.0663
16	.205E-03	.1965
17	.613E-04	.0589
18	.119E-04	.0115
19	.200E-04	.0193
20	.563E-04	.0540
21	.815E-04	.0783
22	.128E-03	.1228
23	.246E-03	.2362
24	.139E-03	.1331
25	.707E-04	.0679
26	.651E-05	.0063
27	.105E-04	.0101
28	.192E-04	.0184
29	.691E-04	.0664
30	.159E-03	.1526
31	.147E-03	.1408
32	.760E-05	.0073

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 - 15
WIND DIRECTION: 153 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0019
2	.0059
3	.0814
4	.4240
5	.0255
6	.0064
7	.0071
8	.0019
9	.0066
10	.0786
11	.3664
12	.0040
13	.0077
14	.0250
15	.0675
16	.1990
17	.0606
18	.0127
19	.0202
20	.0548
21	.0795
22	.1247
23	.2391
24	.1447
25	.0969
26	.0071
27	.0114
28	.0198
29	.0685
30	.1535
31	.1482
32	.0429
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 - 15
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0169
2	.0266
3	.1231
4	.6022
5	.1241
6	.0210
7	.0219
8	.0162
9	.0230
10	.1137
11	.4860
12	.0177
13	.0224
14	.0439
15	.1031
16	.2560
17	.0895
18	.0294
19	.0412
20	.0796
21	.1198
22	.1978
23	.3201
24	.2314
25	.1503
26	.0208
27	.0275
28	.0358
29	.0936
30	.1951
31	.2160
32	.0576
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 - ~~19~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6 7

STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0439
2	.0665
3	.1635
4	.7672
5	.3370
6	.0571
7	.0462
8	.0387
9	.0391
10	.1487
11	.6234
12	.0399
13	.0437
14	.0555
15	.1388
16	.2599
17	.1269
18	.0490
19	.0747
20	.1270
21	.1510
22	.3023
23	.4543
24	.3607
25	.2059
26	.0523
27	.0418
28	.0534
29	.1212
30	.2498
31	.2955
32	.0843
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 19 - ~~19~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6 7 8

STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0447
2	.0665
3	.1651
4	.8507
5	.4451
6	.0591
7	.0481
8	.0392
9	.0395
10	.1522
11	.6835
12	.0399
13	.0444
14	.0579
15	.1466
16	.2806
17	.1324
18	.0521
19	.0763
20	.1306
21	.1607
22	.3345
23	.5075
24	.4150
25	.2238
26	.0532
27	.0429
28	.0546
29	.1263
30	.2675
31	.3295
32	.0875
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.114E-04	.0116
2	.113E-04	.0115
3	.110E-04	.0111
5	.247E-03	.2506
6	.113E-04	.0115
7	.109E-04	.0111
8	.986E-05	.0100
9	1.000E-05	.0101
10	.113E-04	.0115
11	.940E-04	.0955
12	.108E-04	.0110
13	.000E+00	.0000
14	.104E-04	.0106
15	.114E-04	.0116
16	.306E-04	.0311
17	.114E-04	.0115
18	.110E-04	.0111
20	.117E-04	.0119
21	.116E-04	.0118
22	.111E-04	.0113
24	.510E-04	.0518
25	.137E-03	.1391
26	.147E-04	.0150
27	.111E-04	.0113
28	.000E+00	.0000
29	.100E-04	.0102
30	.143E-04	.0145
31	.560E-04	.0568

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 -
WIND DIRECTION: 153 DEG

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
5	.240E-03	.2432
6	.721E-05	.0073
8	.444E-05	.0045
10	.843E-05	.0086
11	.559E-04	.0568
12	.109E-04	.0110
14	.973E-05	.0099
15	.644E-05	.0065
16	.188E-04	.0191
17	.177E-04	.0180
18	.125E-04	.0127
20	.165E-04	.0168
21	.179E-04	.0182
22	.216E-04	.0220
24	.461E-04	.0468
25	.237E-03	.2406
26	.176E-04	.0179
27	.847E-05	.0086
29	.728E-05	.0074
30	.188E-04	.0191
31	.109E-03	.1107

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 -
WIND DIRECTION: 153 DEG

UNITS: 9
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.138E-05	.0014
2	.160E-05	.0016
3	.160E-05	.0016
5	.520E-04	.0589
6	.185E-05	.0019
7	.129E-05	.0013
8	.160E-05	.0016
9	.143E-05	.0015
10	.172E-05	.0017
11	.132E-04	.0134
12	.139E-05	.0014
14	.176E-05	.0018
15	.179E-05	.0018
16	.334E-05	.0034
17	.243E-05	.0025
18	.155E-05	.0016
20	.163E-05	.0017
21	.203E-05	.0021
22	.182E-05	.0019
24	.122E-04	.0124
25	.111E-03	.1139
26	.445E-05	.0045
27	.168E-05	.0017
29	.152E-05	.0015
30	.319E-05	.0032
31	.466E-04	.0473

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 23 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.384E-05	.0037
2	.471E-05	.0045
3	.465E-05	.0047
5	.101E-03	.0966
6	.529E-05	.0051
7	.399E-05	.0038
8	.324E-05	.0031
9	.399E-05	.0038
10	.185E-04	.0178
11	.317E-03	.3050
12	.420E-05	.0040
14	.740E-05	.0071
15	.951E-05	.0091
16	.118E-03	.1131
17	.113E-04	.0109
18	.560E-05	.0054
20	.537E-05	.0052
21	.539E-05	.0052
22	.563E-05	.0054
24	.146E-03	.1403
25	.127E-03	.1224
26	.786E-05	.0075
27	.436E-05	.0042
29	.437E-05	.0042
30	.237E-04	.0227
31	.686E-04	.0659

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 - ~~13~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0037
2	.0045
3	.0047
4	.0000
5	.0966
6	.0055
7	.0058
8	.0031
9	.0044
10	.0198
11	.3137
12	.0050
13	.0007
14	.0092
15	.0101
16	.1153
17	.0124
18	.0063
19	.0007
20	.0055
21	.0062
22	.0071
23	.0027
24	.1516
25	.1512
26	.0082
27	.0052
28	.0011
29	.0060
30	.0234
31	.0730
32	.0354
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 - ~~13~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0153
2	.0160
3	.0158
4	.0000
5	.3471
6	.0169
7	.0169
8	.0131
9	.0145
10	.0313
11	.4092
12	.0160
13	.0007
14	.0198
15	.0216
16	.1464
17	.0239
18	.0175
19	.0007
20	.0173
21	.0180
22	.0183
23	.0027
24	.2034
25	.2502
26	.0232
27	.0165
28	.0011
29	.0162
30	.0379
31	.1298
32	.0354
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 - ~~15~~ 15
WIND DIRECTION: 153 DEG

UNITS: 10 5 6 7

STACK HEIGHT (M)	137
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0153
2	.0160
3	.0158
4	.0000
5	.5903
6	.0243
7	.0169
8	.0176
9	.0145
10	.0399
11	.4659
12	.0269
13	.0007
14	.0297
15	.0282
16	.1655
17	.0419
18	.0302
19	.0007
20	.0341
21	.0362
22	.0403
23	.0027
24	.2502
25	.5308
26	.0410
27	.0251
28	.0011
29	.0226
30	.0570
31	.2406
32	.0354
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 23 - ~~15~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7 8

STACK HEIGHT (M)	137
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0167
2	.0176
3	.0174
4	.0000
5	.5472
6	.0261
7	.0182
8	.0186
9	.0160
10	.0416
11	.4784
12	.0283
13	.0007
14	.0315
15	.0300
16	.1689
17	.0444
18	.0317
19	.0007
20	.0358
21	.0382
22	.0421
23	.0027
24	.2626
25	.5438
26	.0455
27	.0268
28	.0011
29	.0251
30	.0601
31	.2879
32	.0354
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 -
WIND DIRECTION: 133 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.104E-04	.0106
2	.109E-04	.0110
3	.105E-04	.0107
4	.121E-04	.0123
5	.214E-04	.0217
7	.123E-04	.0125
8	.101E-04	.0103
9	.899E-05	.0091
10	.968E-05	.0098
11	.992E-05	.0101
12	.108E-04	.0109
13	.000E+00	.0000
13	.900E-05	.0091
14	.974E-05	.0099
15	.100E-04	.0102
16	.104E-04	.0106
17	.978E-05	.0099
18	.115E-04	.0116
19	.102E-04	.0104
20	.105E-04	.0107
21	.958E-05	.0097
22	.102E-04	.0103
23	.121E-04	.0123
24	.283E-04	.0289
25	.251E-04	.0255
26	.104E-04	.0106
27	.999E-05	.0101
28	.921E-05	.0094
29	.984E-05	.0100
30	.101E-04	.0103
31	.150E-04	.0153
32	.255E-04	.0259

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
3	.583E-06	.0006
4	.257E-05	.0026
5	.221E-04	.0225
12	.211E-05	.0021
13	.327E-05	.0033
15	.896E-06	.0009
16	.517E-05	.0053
17	.240E-04	.0244
18	.402E-05	.0041
19	.282E-04	.0286
20	.862E-05	.0087
21	.143E-05	.0015
22	.276E-05	.0028
23	.397E-04	.0403
24	.224E-04	.0227
25	.314E-04	.0319
26	.304E-05	.0031
27	.171E-04	.0173
29	.979E-05	.0099
31	.163E-04	.0165
32	.346E-04	.0352

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 -
WIND DIRECTION: 153 DEG.

UNITS: B
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.947E-06	.0010
2	.170E-05	.0017
3	.901E-06	.0009
4	.139E-05	.0014
5	.780E-05	.0080
7	.782E-06	.0008
8	.138E-05	.0014
9	.535E-06	.0005
10	.551E-06	.0006
11	.840E-06	.0009
12	.528E-06	.0005
13	.545E-06	.0006
15	.000E+00	.0000
16	.210E-05	.0021
17	.547E-06	.0006
18	.609E-06	.0006
19	.625E-06	.0006
20	.537E-06	.0005
21	.817E-06	.0008
22	.308E-06	.0003
23	.798E-06	.0008
24	.433E-05	.0044
25	.901E-05	.0100
26	.102E-05	.0010
28	.472E-06	.0005
29	.663E-06	.0007
30	.366E-06	.0004
31	.256E-05	.0027
32	.177E-04	.0180

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 -
WIND DIRECTION: 153 DEG.

UNITS: 1C
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.147E-05	.0014
2	.426E-05	.0041
3	.254E-05	.0024
4	.439E-05	.0042
5	.719E-05	.0069
7	.164E-05	.0016
8	.103E-05	.0010
9	.186E-05	.0018
10	.272E-05	.0026
11	.101E-04	.0097
12	.670E-06	.0006
13	.173E-05	.0017
14	.146E-05	.0014
15	.326E-05	.0031
16	.141E-04	.0135
17	.251E-05	.0024
18	.635E-05	.0061
19	.284E-05	.0027
20	.107E-05	.0010
21	.253E-05	.0024
22	.282E-05	.0027
23	.697E-05	.0067
24	.465E-04	.0447
25	.394E-04	.0378
26	.233E-05	.0022
27	.104E-05	.0010
28	.118E-05	.0011
29	.223E-05	.0021
29	.261E-05	.0025
30	.344E-05	.0033
31	.121E-04	.0116
32	.299E-04	.0287

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 - 15/15
WIND DIRECTION: 153 DEG.

UNITS: 10 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0014
2	.0041
3	.0024
4	.0042
5	.0069
6	.0004
7	.0035
8	.0010
9	.0024
10	.0046
11	.0184
12	.0016
13	.0024
14	.0035
15	.0041
16	.0158
17	.0039
18	.0070
19	.0034
20	.0013
21	.0034
22	.0044
23	.0094
24	.0560
25	.0666
26	.0029
27	.0020
28	.0022
29	.0043
30	.0040
31	.0187
32	.0641
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 - 15/15
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0120
2	.0151
3	.0131
4	.0165
5	.0286
6	.0004
7	.0160
8	.0113
9	.0115
10	.0144
11	.0285
12	.0120
13	.0115
14	.0134
15	.0142
16	.0264
17	.0130
18	.0187
19	.0130
20	.0120
21	.0132
22	.0147
23	.0118
24	.0348
25	.0321
26	.0135
27	.0121
28	.0116
29	.0143
30	.0143
31	.0340
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 - ~~10~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7

STACK HEIGHT (M)	183
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0120
2	.0151
3	.0137
4	.0191
5	.0511
6	.0004
7	.0160
8	.0115
9	.0115
10	.0144
11	.0285
12	.0147
13	.0148
14	.0184
15	.0151
16	.0317
17	.0388
18	.0228
19	.0424
20	.0208
21	.0146
22	.0175
23	.0115
24	.0177
25	.1240
26	.0166
27	.0233
28	.0116
29	.0243
30	.0143
31	.0505
32	.1051
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 25 - ~~10~~ 15
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7 8

STACK HEIGHT (M)	183
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0120
2	.0169
3	.0146
4	.0205
5	.0591
6	.0004
7	.0169
8	.0127
9	.0120
10	.0150
11	.0294
12	.0152
13	.0154
14	.0134
15	.0151
16	.0338
17	.0388
18	.0234
19	.0430
20	.0213
21	.0154
22	.0178
23	.0627
24	.1121
25	.1340
26	.0176
27	.0255
28	.0120
29	.0247
30	.0146
31	.0522
32	.1430
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~00~~ 16 -
WIND DIRECTION: 153 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.430E-03	.3472
2	.422E-03	.3408
4	.436E-03	.3522
5	.429E-03	.3470
6	.437E-03	.3529

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. ~~00~~ 16 -
WIND DIRECTION: 153 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.722E-03	.3668
3	.724E-03	.3676
4	.730E-03	.3708
5	.719E-03	.3649
6	.733E-03	.3719

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 16 -
WIND DIRECTION: 153 TRO.

UNITS:	1	2	3	-	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M.SEC)					13.26
OPERATING LEVEL (%)					100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.7140
2	.0000
3	.7084
4	.7230
5	.7118
6	.7248
7	.0000
8	.0000
9	.0000
10	.0000
11	.0000
12	.0000
13	.0000
14	.0000
15	.0000
16	.0000
17	.0000
18	.0000
19	.0000
20	.0000
21	.0000
22	.0000
23	.0000
24	.0000
25	.0000
26	.0000
27	.0000
28	.0000
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 20 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.265E-04	.0135
2	.836E-04	.0425
3	.325E-03	.1651
4	.520E-03	.2642
5	.200E-03	.1015
6	.214E-04	.0109
7	.205E-04	.0104
8	.225E-04	.0114
9	.101E-03	.0514
10	.367E-03	.1871
11	.333E-03	.1690
12	.249E-04	.0126
13	.498E-04	.0253
14	.147E-03	.0744
15	.321E-03	.1630
16	.310E-03	.1599
17	.147E-03	.0746
18	.275E-04	.0139
19	.331E-04	.0168
20	.862E-04	.0438
21	.167E-03	.0848
22	.217E-03	.1099
23	.130E-03	.0661
24	.328E-04	.0166
25	.187E-04	.0095
26	.000E+00	.0000
27	.147E-04	.0075
28	.465E-04	.0236
29	.900E-04	.0457
30	.184E-03	.0935
31	.685E-04	.0348
32	.202E-04	.0103
	.164E-04	.0083

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 20 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.360E-04	.0183
3	.301E-03	.1528
4	.941E-03	.4779
5	.447E-03	.2269
6	.292E-04	.0148
9	.797E-04	.0405
10	.482E-03	.2445
11	.546E-03	.2772
12	.209E-04	.0106
13	.406E-04	.0206
14	.197E-03	.0999
15	.515E-03	.2613
16	.570E-03	.2894
17	.175E-03	.0888
18	.450E-04	.0228
19	.525E-04	.0266
20	.134E-03	.0680
21	.236E-03	.1196
22	.319E-03	.1621
23	.225E-03	.1148
24	.276E-04	.0140
25	.200E-05	.0010
27	.381E-04	.0193
28	.936E-04	.0475
29	.268E-03	.1360
30	.105E-03	.0532

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 20 -
WIND DIRECTION: 153 DEG

UNITS: 9
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.233E-05	.0012
2	.999E-05	.0051
3	.122E-03	.0618
4	.494E-03	.2510
5	.293E-03	.1487
6	.341E-05	.0017
7	.193E-05	.0010
8	.160E-05	.0008
9	.392E-04	.0199
10	.233E-03	.1183
11	.336E-03	.1707
12	.428E-05	.0022
13	.120E-04	.0061
14	.825E-04	.0419
15	.280E-03	.1419
16	.317E-03	.1610
17	.922E-04	.0468
18	.731E-05	.0037
19	.110E-04	.0056
20	.461E-04	.0234
21	.116E-03	.0588
22	.168E-03	.0853
23	.123E-03	.0626
24	.173E-04	.0088
25	.505E-05	.0026
26	.756E-05	.0038
27	.151E-04	.0077
28	.450E-04	.0228
29	.150E-03	.0760
30	.624E-04	.0317
31	.351E-05	.0018
32	.193E-05	.0010

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 20 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.236E-04	.0123
2	.340E-03	.1634
3	.150E-02	.7206
4	.899E-03	.4318
5	.271E-04	.0139
6	.695E-05	.0033
7	.502E-05	.0024
8	.152E-04	.0073
9	.357E-03	.1713
10	.113E-02	.5423
11	.666E-03	.3197
12	.333E-04	.0160
13	.121E-03	.0581
14	.471E-03	.2261
15	.639E-03	.3070
16	.464E-03	.2230
17	.444E-03	.2135
18	.380E-04	.0183
19	.570E-04	.0274
20	.253E-03	.1215
21	.487E-03	.2339
22	.519E-03	.2491
23	.180E-03	.0866
24	.211E-04	.0101
25	.349E-05	.0017
26	.379E-04	.0182
27	.103E-03	.0494
28	.218E-03	.1045
29	.408E-03	.1961
30	.741E-04	.0356
31	.747E-05	.0036
32	.286E-05	.0014

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 20 - 16
WIND DIRECTION: 133 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3790
2	.1634
3	1.0882
4	.8026
5	.3779
6	.3752
7	.0024
8	.0073
9	.1713
10	.5423
11	.3197
12	.0160
13	.0581
14	.2261
15	.3070
16	.2230
17	.2135
18	.0183
19	.0274
20	.1215
21	.2338
22	.2491
23	.0866
24	.0101
25	.0017
26	.0182
27	.0494
28	.1045
29	.1961
30	.0356
31	.0036
32	.0014
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 20 - 16
WIND DIRECTION: 133 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3925
2	.2059
3	1.2533
4	1.0668
5	.4794
6	.3860
7	.0128
8	.0187
9	.2227
10	.7294
11	.4887
12	.0286
13	.0834
14	.3006
15	.4700
16	.3828
17	.2881
18	.0322
19	.0442
20	.1652
21	.3186
22	.3590
23	.1527
24	.0268
25	.0112
26	.0257
27	.0730
28	.1502
29	.2996
30	.0704
31	.0139
32	.0097
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 20 - 16
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3925
2	.2242
3	1.4061
4	1.5447
5	.7062
6	.4007
7	.0128
8	.0187
9	.2632
10	.9739
11	.7659
12	.0292
13	.1040
14	.4004
15	.7313
16	.6723
17	.3769
18	.0550
19	.0709
20	.2332
21	.4383
22	.5212
23	.2675
24	.0408
25	.0112
26	.0267
27	.0924
28	.1977
29	.4257
30	.1236
31	.0178
32	.0097
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 20 - 16
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3937
2	.2292
3	1.4680
4	1.7957
5	.8550
6	.4026
7	.0138
8	.0195
9	.2830
10	1.0922
11	.9365
12	.0414
13	.1101
14	.4423
15	.8732
16	.8333
17	.4237
18	.0587
19	.0765
20	.2566
21	.4970
22	.5065
23	.3301
24	.0425
25	.0137
26	.0305
27	.1000
28	.2206
29	.5017
30	.1523
31	.0156
32	.0107
33	.0000
34	.0000
35	.0000

-- KANE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.273E-04	.0138
2	.469E-04	.0238
3	.121E-03	.0612
4	.790E-04	.0401
5	.782E-04	.0397
6	.260E-04	.0132
7	.257E-04	.0130
8	.265E-04	.0135
9	.640E-04	.0325
10	.224E-03	.1139
11	.932E-04	.0473
12	.312E-04	.0159
13	.881E-04	.0448
14	.221E-03	.1123
15	.321E-03	.1629
16	.997E-04	.0506
17	.263E-03	.1334
18	.000E+00	.0000
19	.702E-04	.0357
20	.108E-03	.0549
21	.258E-03	.1308
22	.585E-04	.0297
23	.127E-03	.0647
24	.304E-04	.0154
25	.293E-04	.0149
26	.281E-04	.0143
27	.107E-03	.0541
28	.159E-03	.0805
29	.200E-03	.1015
30	.872E-04	.0442
31	.306E-04	.0156
32	.282E-04	.0143
	.268E-04	.0136

-- KANE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.107E-04	.0055
2	.319E-04	.0162
3	.734E-04	.0373
4	.106E-03	.0537
5	.133E-03	.0677
6	.257E-04	.0131
7	.100E-04	.0051
8	.118E-04	.0060
9	.385E-04	.0195
10	.261E-03	.1327
11	.100E-03	.0510
12	.283E-04	.0144
13	.926E-04	.0470
14	.266E-03	.1349
15	.489E-03	.2481
16	.169E-03	.0860
17	.411E-03	.2088
18	.105E-03	.0533
19	.170E-03	.0862
20	.392E-03	.1988
21	.168E-03	.0852
22	.246E-03	.1246
23	.510E-04	.0259
24	.486E-04	.0247
25	.321E-04	.0163
26	.142E-03	.0721
27	.205E-03	.1038
28	.307E-03	.1560
29	.146E-03	.0743
30	.371E-04	.0188
31	.193E-04	.0098
32	.337E-04	.0171

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 -
WIND DIRECTION: 153 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.662E-05	.0034
2	.107E-04	.0054
3	.336E-04	.0171
4	.796E-04	.0404
5	.789E-04	.0401
6	.602E-05	.0031
7	.572E-05	.0029
8	.575E-05	.0029
9	.121E-04	.0062
10	.116E-03	.0589
11	.615E-04	.0312
12	.733E-05	.0037
13	.351E-04	.0178
14	.945E-04	.0480
15	.216E-03	.1097
16	.851E-04	.0432
17	.148E-03	.0753
18	.277E-04	.0140
19	.471E-04	.0239
20	.138E-03	.0701
21	.457E-04	.0232
22	.973E-04	.0494
23	.106E-04	.0054
24	.753E-05	.0038
25	.587E-05	.0030
26	.454E-04	.0231
27	.773E-04	.0392
28	.129E-03	.0657
29	.688E-04	.0349
30	.948E-05	.0048
31	.608E-05	.0031
32	.674E-05	.0034

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.188E-04	.0090
2	.101E-03	.0487
3	.376E-03	.1807
4	.799E-04	.0384
5	.153E-03	.0735
6	.199E-04	.0095
7	.175E-04	.0084
8	.246E-04	.0118
9	.232E-03	.1114
10	.590E-03	.2836
11	.140E-03	.0670
12	.445E-04	.0214
13	.219E-03	.1053
14	.530E-03	.2548
15	.397E-03	.1906
16	.113E-03	.0545
17	.522E-03	.2509
18	.152E-03	.0730
19	.224E-03	.1076
20	.494E-03	.2374
21	.129E-03	.0620
22	.204E-03	.0982
23	.219E-04	.0105
24	.236E-04	.0113
25	.177E-04	.0085
26	.198E-03	.0952
27	.324E-03	.1557
28	.395E-03	.1895
29	.149E-03	.0714
30	.272E-04	.0131
31	.175E-04	.0084
32	.200E-04	.0096

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 - ~~00~~ 16
WIND DIRECTION: 153 DEG.

UNITS: 10 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3758
2	.0487
3	.5484
4	.4092
5	.4384
6	.3814
7	.0084
8	.0118
9	.1114
10	.2836
11	.0670
12	.0214
13	.1053
14	.2548
15	.1906
16	.0545
17	.2509
18	.0730
19	.1076
20	.2374
21	.0620
22	.0982
23	.0193
24	.0113
25	.0985
26	.0952
27	.1537
28	.1895
29	.0714
30	.0131
31	.0984
32	.0096
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 - ~~00~~ 16
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3896
2	.0725
3	.6096
4	.4492
5	.4780
6	.3946
7	.0214
8	.0253
9	.1439
10	.3975
11	.1144
12	.0372
13	.1551
14	.3671
15	.3534
16	.1051
17	.3843
18	.1087
19	.1525
20	.3682
21	.0917
22	.1628
23	.0259
24	.0262
25	.0228
26	.1493
27	.2363
28	.2910
29	.1156
30	.0286
31	.0227
32	.0232
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 - 16
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3951
2	.0887
3	.6469
4	.5030
5	.5458
6	.4076
7	.0265
8	.0313
9	.1635
10	.5302
11	.1653
12	.0516
13	.2021
14	.5019
15	.6015
16	.1911
17	.3931
18	.1619
19	.2488
20	.5670
21	.1768
22	.2873
23	.0518
24	.0509
25	.0391
26	.2214
27	.3401
28	.4470
29	.1899
30	.0474
31	.0325
32	.0403
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 24 - 16
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.3985
2	.0941
3	.6639
4	.5434
5	.5858
6	.4107
7	.0294
8	.0342
9	.1696
10	.5891
11	.1966
12	.0553
13	.2199
14	.5499
15	.7112
16	.2343
17	.6664
18	.1769
19	.2727
20	.6371
21	.2091
22	.3370
23	.0572
24	.0547
25	.0421
26	.2444
27	.3793
28	.3128
29	.2247
30	.0523
31	.0356
32	.0437
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATIO (PPM)
1	.229E-04	.0116
2	.195E-04	.0099
4	.279E-04	.0142
5	.278E-04	.0141
6	.237E-04	.0120
7	.229E-04	.0116
8	.242E-04	.0123
9	.288E-04	.0146
10	.260E-04	.0132
11	.317E-04	.0161
13	.391E-04	.0234
14	.377E-04	.0192
15	.313E-04	.0159
17	.605E-04	.0307
18	.348E-04	.0177
19	.414E-04	.0210
20	.721E-04	.0366
21	.497E-04	.0252
22	.276E-04	.0140
23	.205E-04	.0104
24	.209E-04	.0106
25	.213E-04	.0108
26	.408E-04	.0207
27	.865E-04	.0439
28	.951E-04	.0483
29	.479E-04	.0243
30	.220E-04	.0111
31	.194E-04	.0098
32	.140E-04	.0071

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.617E-05	.0031
7	.869E-05	.0044
10	.235E-04	.0119
11	.230E-04	.0117
13	.420E-04	.0213
14	.384E-04	.0195
15	.408E-04	.0207
17	.813E-04	.0413
18	.457E-04	.0232
19	.804E-04	.0408
20	.908E-04	.0461
21	.689E-04	.0350
22	.742E-04	.0376
23	.595E-04	.0302
24	.336E-04	.0170
25	.330E-04	.0167
26	.597E-04	.0303
27	.102E-03	.0515
28	.123E-03	.0623
29	.510E-04	.0259
30	.393E-04	.0199
31	.229E-04	.0116
32	.315E-04	.0160

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 -
WIND DIRECTION: 153 DEG.

UNITS: 0
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.136E-05	.0007
2	.710E-06	.0004
3	.175E-05	.0009
4	.330E-05	.0017
5	.245E-05	.0012
6	.993E-06	.0005
7	.214E-05	.0011
8	.154E-05	.0008
9	.304E-05	.0015
10	.564E-05	.0029
11	.266E-05	.0013
12	.857E-05	.0044
14	.416E-05	.0021
15	.201E-04	.0102
17	.164E-04	.0083
18	.812E-05	.0041
19	.611E-05	.0031
20	.147E-04	.0075
21	.145E-04	.0074
22	.556E-05	.0028
23	.116E-05	.0006
24	.713E-06	.0004
25	.956E-06	.0005
26	.900E-05	.0046
27	.258E-04	.0131
28	.527E-04	.0268
29	.159E-04	.0081
30	.194E-05	.0010
31	.705E-06	.0004
32	.918E-06	.0005

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.735E-05	.0035
2	.598E-04	.0287
3	.806E-05	.0039
4	.722E-05	.0035
5	.587E-04	.0278
6	.577E-05	.0029
7	.851E-05	.0041
8	.586E-04	.0282
9	.141E-03	.0676
10	.108E-04	.0052
11	.885E-04	.0425
13	.258E-03	.1240
14	.144E-03	.0692
15	.979E-04	.0470
17	.358E-03	.1719
18	.110E-03	.0529
19	.166E-03	.0797
20	.362E-03	.1741
21	.197E-03	.0948
22	.547E-04	.0263
23	.125E-04	.0060
24	.694E-05	.0033
25	.664E-05	.0032
26	.195E-03	.0922
27	.273E-03	.1311
28	.310E-03	.1488
29	.108E-03	.0517
30	.128E-04	.0062
31	.562E-05	.0027
32	.458E-05	.0022

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 - 16
WIND DIRECTION: 133 DEG.

UNITS: 10 3
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.4973
2	.0287
3	.4054
4	.3742
5	.3678
6	.3719
7	.0041
8	.0282
9	.0576
10	.0052
11	.0000
12	.0000
13	.1249
14	.0692
15	.0479
16	.0000
17	.1719
18	.0529
19	.0797
20	.1741
21	.0948
22	.0263
23	.0060
24	.0033
25	.0032
26	.0522
27	.1311
28	.1488
29	.0517
30	.0062
31	.0027
32	.0022
33	.0039
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 - 16
WIND DIRECTION: 133 DEG.

UNITS: 10 3 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.4254
2	.0386
3	.4195
4	.3884
5	.3798
6	.3719
7	.0157
8	.0404
9	.0822
10	.0184
11	.0000
12	.0000
13	.1494
14	.0884
15	.0630
16	.0000
17	.2026
18	.0706
19	.1008
20	.2197
21	.1201
22	.0403
23	.0164
24	.0139
25	.0140
26	.0730
27	.1751
28	.1971
29	.0760
30	.0174
31	.0125
32	.0093
33	.0039
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 - 16
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7

STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.4379
2	.0417
3	.4195
4	.3884
5	.3798
6	.3719
7	.0291
8	.0404
9	.0822
10	.0303
11	.0000
12	.0000
13	.1797
14	.1079
15	.0837
16	.0000
17	.2439
18	.0938
19	.1416
20	.2568
21	.1550
22	.0779
23	.0466
24	.0310
25	.0307
26	.1033
27	.2266
28	.2594
29	.1019
30	.0373
31	.0241
32	.0252
33	.0039
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 26 - 16
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7 8

STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	4384
2	.0421
3	4208
4	3901
5	.3803
6	.3719
7	.0212
8	.0412
9	.0837
10	.0332
11	.0000
12	0000
13	1731
14	1100
15	0739
16	.0000
17	2533
18	0979
19	.1447
20	2542
21	1534
22	.0808
23	0475
24	0315
25	.0318
26	.1078
27	.2397
28	.2662
29	.1199
30	.0282
31	0245
32	0257
33	0048
34	0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 17 -
WIND DIRECTION: 133 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATIO (PPM)
1	.249E-05	.0030
2	.565E-04	.0665
3	.316E-03	.3837
4	.581E-03	.7040
5	.359E-03	.4354
6	.266E-05	.0032
7	.236E-05	.0029
8	.292E-04	.0355
9	.237E-03	.2871
10	.271E-03	.3280
11	.804E-05	.0097
12	.233E-04	.0283
13	.672E-04	.0815
14	.262E-03	.3179
15	.267E-03	.3243
16	.733E-04	.0889
17	.104E-04	.0127
18	.418E-04	.0507
19	.802E-04	.0973
20	.143E-03	.1730
21	.160E-03	.1937
22	.135E-03	.1638
23	.280E-04	.0340
24	.173E-04	.0209
25	.220E-04	.0266
26	.415E-04	.0503
27	.891E-04	.1080
28	.120E-03	.1453
29	.800E-04	.0970
30	.150E-04	.0182

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 17 -
WIND DIRECTION: 153 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.156E-05	.0012
2	.151E-04	.0115
3	.102E-03	.0774
4	.237E-03	.1806
5	.286E-03	.2181
6	.173E-05	.0013
7	.130E-05	.0010
8	.988E-05	.0075
9	.771E-04	.0587
10	.119E-03	.0904
11	.293E-05	.0022
12	.814E-05	.0062
13	.271E-04	.0206
14	.945E-04	.0724
15	.110E-03	.0834
16	.419E-04	.0319
17	.358E-05	.0027
18	.217E-04	.0165
19	.412E-04	.0314
20	.785E-04	.0598
21	.909E-04	.0692
22	.836E-04	.0637
23	.215E-04	.0164
24	.870E-05	.0066
25	.103E-04	.0079
26	.215E-04	.0164
27	.460E-04	.0350
28	.719E-04	.0547
29	.508E-04	.0387
30	.103E-04	.0079

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 17 -
WIND DIRECTION: 153 DEG.

UNITS:	1	2	3	4	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M/SEC)					6.63
OPERATING LEVEL (%)					75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0042
2	.0801
3	.4611
4	.8847
5	.6535
6	.0000
7	.0045
8	.0039
9	.0430
10	.3458
11	.4184
12	.0120
13	.0345
14	.1021
15	.3913
16	.4077
17	.1207
18	.0134
19	.0000
20	.0673
21	.1287
22	.2328
23	.2625
24	.2274
25	.0504
26	.0276
27	.0345
28	.0666
29	.1431
30	.2000
31	.1337
32	.0261
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.127E-04	.0096
2	.117E-04	.0089
3	.123E-04	.0094
4	.385E-04	.0293
5	.756E-04	.0576
6	.961E-05	.0073
7	.108E-04	.0082
8	.104E-04	.0079
9	.108E-04	.0082
10	.364E-04	.0277
11	.302E-04	.0230
12	.129E-04	.0098
13	.124E-04	.0094
14	.107E-04	.0081
15	.131E-04	.0099
16	.173E-04	.0132
17	.122E-04	.0093
18	.971E-05	.0074
19	.106E-04	.0081
20	.960E-05	.0073
21	.105E-04	.0080
22	.110E-04	.0084
23	.112E-04	.0085
24	.234E-04	.0179
25	.333E-04	.0253
26	.123E-04	.0094
27	.111E-04	.0084
28	.781E-05	.0059
29	.000E+00	.0000
30	.448E-05	.0034
31	.109E-04	.0083
32	.169E-04	.0129
	.221E-04	.0168

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
4	.211E-04	.0161
5	.920E-04	.0700
6	.320E-05	.0024
10	.222E-04	.0169
11	.247E-04	.0188
15	.586E-05	.0045
16	.833E-05	.0063
17	.484E-04	.0369
19	.435E-04	.0331
20	.145E-05	.0011
21	.350E-04	.0267
22	.279E-05	.0021
23	.215E-04	.0164
24	.171E-04	.0131
25	.453E-04	.0345
26	.118E-04	.0090
27	.164E-04	.0123
29	.162E-04	.0124
31	.160E-04	.0122
32	.291E-04	.0222

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 -
WIND DIRECTION: 153 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.919E-06	.0007
2	.840E-06	.0006
3	.961E-06	.0007
4	.106E-04	.0081
5	.419E-04	.0319
6	.292E-05	.0022
7	.662E-06	.0005
8	.837E-06	.0006
9	.953E-06	.0007
10	.838E-05	.0064
11	.685E-05	.0052
12	.964E-06	.0007
13	.454E-06	.0003
14	.504E-06	.0004
15	.120E-05	.0009
16	.263E-05	.0020
17	.721E-06	.0005
18	.877E-06	.0007
19	.760E-06	.0006
20	.566E-06	.0004
21	.104E-05	.0008
22	.286E-05	.0022
23	.463E-05	.0035
24	.112E-04	.0085
25	.108E-05	.0008
26	.621E-06	.0005
27	.375E-06	.0003
28	.961E-06	.0007
29	.467E-05	.0036
30	.778E-05	.0059

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.217E-05	.0016
2	.241E-05	.0017
3	.105E-04	.0076
4	.160E-03	.1154
5	.234E-03	.1688
6	.100E-04	.0072
7	.196E-05	.0014
8	.139E-05	.0010
10	.115E-03	.0832
11	.102E-03	.0732
12	.235E-05	.0017
13	.122E-05	.0009
14	.155E-05	.0011
15	.240E-04	.0173
16	.232E-04	.0167
17	.723E-05	.0052
18	.142E-05	.0010
19	.300E-05	.0022
20	.353E-05	.0025
21	.902E-05	.0065
22	.156E-04	.0113
23	.319E-04	.0230
24	.717E-04	.0516
25	.823E-04	.0593
26	.382E-05	.0028
27	.178E-05	.0013
28	.197E-05	.0014
29	.386E-05	.0028
30	.890E-05	.0064
31	.553E-04	.0398
32	.441E-04	.0318

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 - 17
WIND DIRECTION: 153 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0028
2	.0133
3	.0850
4	.2960
5	.3869
6	.0072
7	.0027
8	.0020
9	.0075
10	.1419
11	.1636
12	.0039
13	.0071
14	.0217
15	.0907
16	.1062
17	.0370
18	.0038
19	.0022
20	.0191
21	.0379
22	.0711
23	.0923
24	.1153
25	.0757
26	.0094
27	.0092
28	.0178
29	.0379
30	.0611
31	.0785
32	.0396
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 - 17
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0124
2	.0222
3	.0944
4	.3253
5	.4445
6	.0145
7	.0110
8	.0099
9	.0157
10	.1696
11	.1866
12	.0137
13	.0165
14	.0299
15	.1008
16	.1134
17	.0403
18	.0111
19	.0102
20	.0264
21	.0459
22	.0794
23	.1008
24	.1331
25	.1010
26	.0188
27	.0175
28	.0237
29	.0412
30	.0694
31	.0914
32	.0565
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 - 17
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0124
2	.0222
3	.0944
4	.3414
5	.5145
6	.0170
7	.0110
8	.0099
9	.0157
10	.1865
11	.2055
12	.0137
13	.0165
14	.0299
15	.1051
16	.1197
17	.0832
18	.0111
19	.0433
20	.0275
21	.0726
22	.0816
23	.1172
24	.1482
25	.1355
26	.0278
27	.0301
28	.0237
29	.0536
30	.0694
31	.1036
32	.0786
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 21 - 17
WIND DIRECTION: 153 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0131
2	.0228
3	.0931
4	.3495
5	.5464
6	.0192
7	.0115
8	.0106
9	.0165
10	.1929
11	.2107
12	.0145
13	.0168
14	.0302
15	.1060
16	.1217
17	.0837
18	.0111
19	.0440
20	.0281
21	.0730
22	.0823
23	.1194
24	.1497
25	.1441
26	.0286
27	.0301
28	.0242
29	.0539
30	.0701
31	.1072
32	.0846
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 18 -
WIND DIRECTION: 153 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.298E-05	.0018
2	.245E-04	.0149
3	.373E-03	.2261
4	.122E-02	.7389
5	.337E-03	.2041
7	.413E-05	.0025
8	.714E-06	.0004
9	.668E-04	.0405
10	.344E-03	.2086
11	.622E-03	.3769
12	.137E-04	.0083
13	.289E-04	.0175
14	.116E-03	.0703
15	.389E-03	.2361
16	.497E-03	.3011
17	.243E-03	.1471
18	.143E-04	.0087
19	.153E-04	.0093
20	.109E-03	.0661
21	.258E-03	.1567
22	.312E-03	.1893
23	.207E-03	.1253
24	.735E-04	.0446
25	.871E-06	.0005
26	.199E-04	.0121
27	.520E-04	.0315
28	.118E-03	.0716
29	.245E-03	.1488
30	.187E-03	.1131
31	.160E-04	.0097
32	.407E-05	.0025

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 18 -
WIND DIRECTION: 153 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.517E-05	.0020
2	.105E-04	.0040
3	.115E-03	.0437
4	.526E-03	.2002
5	.103E-03	.0390
7	.406E-06	.0002
9	.276E-04	.0105
10	.163E-03	.0619
11	.267E-03	.1018
12	.639E-05	.0024
13	.155E-04	.0059
14	.595E-04	.0226
15	.205E-03	.0779
16	.243E-03	.0924
17	.117E-03	.0445
18	.534E-05	.0020
19	.457E-05	.0017
20	.609E-04	.0232
21	.118E-03	.0451
22	.133E-03	.0506
23	.961E-04	.0366
24	.313E-04	.0119
25	.284E-05	.0011
26	.111E-04	.0042
27	.270E-04	.0103
28	.680E-04	.0259
29	.122E-03	.0465
30	.865E-04	.0329
31	.947E-05	.0036
32	.100E-05	.0004

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 18 -
WIND DIRECTION: 153 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0038
2	.0189
3	.2698
4	.9391
5	.2431
6	.0000
7	.0027
8	.0004
9	.0510
10	.2706
11	.4787
12	.0107
13	.0234
14	.0929
15	.3140
16	.3935
17	.1917
18	.0107
19	.0110
20	.0892
21	.2018
22	.2399
23	.1819
24	.0565
25	.0016
26	.0163
27	.0410
28	.0975
29	.1952
30	.1460
31	.0133
32	.0029
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 -
WIND DIRECTION: 153 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.706E-04	.0117
2	.165E-03	.0630
3	.480E-03	.1826
4	.397E-03	.1513
5	.468E-04	.0178
7	.275E-04	.0105
8	.383E-04	.0146
9	.162E-03	.0615
10	.369E-03	.1405
11	.114E-03	.0433
12	.636E-04	.0242
13	.110E-03	.0420
14	.281E-03	.1071
15	.218E-03	.0832
16	.706E-04	.0269
17	.295E-03	.1125
18	.779E-04	.0297
19	.105E-03	.0398
20	.225E-03	.0858
21	.190E-03	.0725
22	.524E-04	.0199
23	.255E-04	.0097
24	.224E-04	.0085
25	.249E-04	.0095
26	.916E-04	.0349
27	.152E-03	.0580
28	.194E-03	.0738
29	.474E-04	.0180
30	.243E-04	.0093
31	.233E-04	.0089
32	.205E-04	.0078

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 -
WIND DIRECTION: 153 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.116E-03	.0440
3	.492E-03	.1872
4	.755E-03	.2875
5	.831E-04	.0316
7	.801E-05	.0031
8	.151E-04	.0057
9	.167E-03	.0635
10	.523E-03	.1989
11	.216E-03	.0821
12	.607E-04	.0231
13	.144E-03	.0550
14	.424E-03	.1616
15	.351E-03	.1338
16	.107E-03	.0406
17	.477E-03	.1816
18	.109E-03	.0416
19	.192E-03	.0729
20	.363E-03	.1383
21	.325E-03	.1239
22	.103E-03	.0393
23	.656E-04	.0250
24	.288E-04	.0109
25	.112E-03	.0427
27	.226E-03	.0862
28	.271E-03	.1033
29	.644E-04	.0245
31	.159E-04	.0061

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 -
WIND DIRECTION: 153 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.350E-05	.0013
2	.401E-04	.0153
3	.198E-03	.0752
4	.431E-03	.1641
5	.651E-04	.0248
6	.307E-05	.0012
7	.712E-05	.0027
8	.644E-04	.0245
9	.238E-03	.0907
10	.121E-03	.0463
11	.249E-04	.0095
12	.548E-04	.0209
13	.178E-03	.0678
14	.167E-03	.0637
15	.538E-04	.0205
16	.216E-03	.0822
17	.381E-04	.0145
18	.559E-04	.0213
19	.164E-03	.0623
20	.144E-03	.0547
21	.312E-04	.0119
22	.404E-05	.0015
23	.196E-05	.0007
24	.200E-05	.0008
25	.460E-04	.0175
26	.980E-04	.0373
27	.131E-03	.0498
28	.239E-04	.0091
29	.315E-05	.0012
30	.230E-05	.0009
31	.180E-05	.0007

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 -
WIND DIRECTION: 153 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.356E-04	.0128
2	.948E-03	.3415
3	.182E-02	.6570
4	.483E-03	.1741
5	.248E-04	.0089
6	.239E-04	.0086
7	.843E-04	.0304
8	.585E-03	.2108
9	.108E-02	.3892
10	.123E-03	.0442
11	.148E-03	.0534
12	.314E-03	.1129
13	.702E-03	.2527
14	.462E-03	.1664
15	.112E-03	.0406
16	.638E-03	.2298
17	.153E-03	.0551
18	.206E-03	.0743
19	.510E-03	.1837
20	.352E-03	.1267
21	.641E-04	.0231
22	.177E-04	.0064
23	.799E-05	.0029
24	.760E-05	.0028
25	.169E-03	.0610
26	.299E-03	.1076
27	.365E-03	.1314
28	.601E-04	.0217
29	.525E-05	.0019
30	.699E-05	.0025
31	.703E-05	.0025
32	.695E-05	.0025

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 - 18
WIND DIRECTION: 153 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0148
2	.3455
3	.7007
4	.3743
5	.0480
6	.0000
7	.0087
8	.0304
9	.2213
10	.4501
11	.1460
12	.0559
13	.1188
14	.2754
15	.2444
16	.1331
17	.2743
18	.0571
19	.0760
20	.2068
21	.1718
22	.0737
23	.0430
24	.0148
25	.0039
26	.0653
27	.1179
28	.1573
29	.0681
30	.0348
31	.0061
32	.0029
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 - 18
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0264
2	.4084
3	.8832
4	.5256
5	.0658
6	.0000
7	.0192
8	.0456
9	.2828
10	.5906
11	.1892
12	.0801
13	.1608
14	.3625
15	.3275
16	.1599
17	.3868
18	.0868
19	.1158
20	.2926
21	.2443
22	.0937
23	.0527
24	.0233
25	.0133
26	.1001
27	.1739
28	.2312
29	.0862
30	.0441
31	.0150
32	.0107
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 - 18
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0264
2	.4524
3	1.0704
4	.8131
5	.0974
6	.0000
7	.0223
8	.0507
9	.3464
10	.7895
11	.2713
12	.1020
13	.2158
14	.5441
15	.4613
16	.2006
17	.5684
18	.1285
19	.1888
20	.4310
21	.3682
22	.1329
23	.0776
24	.0233
25	.0243
26	.1428
27	.2620
28	.3344
29	.1107
30	.0441
31	.0211
32	.0107
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 22 - 18
WIND DIRECTION: 153 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0278
2	.4677
3	1.1456
4	.9772
5	.1222
6	.0000
7	.0234
8	.0535
9	.2709
10	.8802
11	.3176
12	.1127
13	.2366
14	.6119
15	.5250
16	.2211
17	.6506
18	.1430
19	.2100
20	.4933
21	.4228
22	.1449
23	.0782
24	.0241
25	.0239
26	.1603
27	.2994
28	.3842
29	.1198
30	.0453
31	.0219
32	.0114
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 27 -
WIND DIRECTION: 180 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.209E-04	.0419
2	.611E-03	1.3114
3	.104E-02	1.6807
4	.416E-03	.6723
5	.593E-04	.0959
6	.157E-04	.0254
7	.389E-03	.6298
8	.641E-03	1.0358
9	.530E-03	.8578
10	.277E-05	.0045
11	.423E-04	.0683
12	.483E-04	.0781
13	.904E-04	.1462
14	.175E-03	.2834
15	.612E-04	.0990
16	.150E-03	.2423
17	.569E-04	.0920
18	.557E-04	.0901
19	.488E-06	.0008
20	.340E-04	.0550
21	.809E-04	.1308
22	.589E-04	.0952
23	.159E-04	.0258
24	.976E-05	.0158
25	.479E-04	.0774
26	.591E-04	.0956
27	.975E-06	.0016
28	.142E-05	.0023
29	.324E-08	.0000
30	.745E-06	.0012

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 27 -
WIND DIRECTION: 180 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.944E-07	.0001
2	.249E-04	.0253
3	.117E-03	.1187
4	.316E-03	.3208
5	.614E-04	.0623
6	.134E-05	.0014
7	.461E-04	.0468
8	.101E-03	.1029
9	.264E-03	.2679
10	.151E-05	.0015
11	.352E-05	.0036
12	.795E-05	.0081
13	.177E-04	.0180
14	.154E-03	.1566
15	.566E-04	.0575
16	.102E-03	.1032
17	.628E-04	.0637
18	.575E-04	.0584
19	.492E-06	.0005
20	.231E-05	.0023
21	.331E-04	.0336
22	.574E-04	.0583
23	.169E-04	.0171
24	.962E-05	.0098
25	.109E-04	.0110
26	.397E-04	.0403
27	.753E-06	.0008
28	.169E-06	.0002
29	.365E-08	.0000
30	.513E-06	.0005

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 27 -
WIND DIRECTION: 180 DEG.

UNITS:	1	2	3	4	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M/SEC)					6.63
OPERATING LEVEL (%)					100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0420
2	1.3367
3	1.7994
4	.9931
5	.1582
6	.0268
7	.6764
8	1.1387
9	1.1254
10	.0060
11	.0719
12	.0861
13	.1642
14	.4400
15	.1565
16	.0000
17	.0000
18	.3455
19	.1557
20	.1485
21	.0013
22	.0573
23	.1644
24	.1535
25	.0429
26	.0256
27	.0884
28	.1359
29	.0023
30	.0025
31	.0000
32	.0017
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 -
WIND DIRECTION: 180 DEG

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.267E-05	.0027
2	.393E-04	.0399
3	.398E-04	.0404
4	.242E-04	.0245
5	.256E-04	.0260
6	.000E+00	.0000
7	.380E-04	.0385
8	.966E-04	.0981
9	.414E-04	.0421
10	.564E-06	.0006
11	.140E-05	.0014
12	.122E-03	.1238
13	.780E-04	.0792
14	.386E-04	.0392
15	.139E-04	.0141
16	.289E-05	.0029
17	.570E-04	.0578
18	.556E-04	.0564
19	.272E-04	.0276
20	.169E-04	.0171
21	.000E+00	.0000
22	.136E-04	.0138
23	.519E-04	.0527
24	.274E-04	.0279
28	.422E-04	.0428
29	.000E+00	.0000
30	.908E-06	.0009
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000
25	.437E-05	.0044
26	.396E-05	.0040
27	.227E-04	.0230

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.657E-05	.0067
2	.750E-04	.0761
3	.790E-04	.0802
4	.490E-04	.0498
5	.616E-04	.0625
7	.662E-04	.0672
8	.154E-03	.1561
9	.728E-04	.0739
10	.204E-04	.0207
11	.201E-04	.0204
12	.202E-03	.2049
13	.135E-03	.1374
14	.686E-04	.0696
15	.441E-04	.0447
16	.276E-04	.0280
17	.132E-03	.1342
18	.117E-03	.1191
19	.923E-04	.0937
20	.756E-04	.0768
21	.411E-04	.0417
22	.706E-04	.0717
23	.139E-03	.1407
24	.721E-04	.0732
28	.102E-03	.1038
29	.286E-04	.0290
30	.373E-04	.0379
31	.296E-04	.0300
32	.292E-04	.0296
33	.616E-04	.0626
25	.137E-04	.0139
26	.786E-05	.0080
27	.407E-04	.0414

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 -
WIND DIRECTION: 180 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.393E-04	.0399
3	.412E-04	.0418
4	.256E-04	.0260
5	.415E-04	.0421
6	.000E+00	.0000
7	.288E-04	.0293
8	.768E-04	.0779
9	.409E-04	.0415
10	.000E+00	.0000
11	.432E-06	.0004
12	.897E-04	.0910
13	.615E-04	.0625
14	.269E-04	.0273
15	.117E-04	.0119
16	.268E-06	.0003
17	.435E-04	.0442
18	.423E-04	.0430
19	.226E-04	.0230
20	.129E-04	.0131
21	.000E+00	.0000
22	.819E-05	.0083
23	.383E-04	.0389
24	.289E-04	.0293
28	.300E-04	.0304
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000
25	.000E+00	.0000
26	.222E-05	.0023
27	.152E-04	.0154

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 -
WIND DIRECTION: 180 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.635E-04	.0610
3	.656E-04	.0630
4	.327E-04	.0314
5	.257E-05	.0025
6	.000E+00	.0000
7	.681E-04	.0654
8	.182E-03	.1751
9	.474E-04	.0455
10	.000E+00	.0000
11	.870E-05	.0084
12	.279E-03	.2681
13	.191E-03	.1835
14	.816E-04	.0783
15	.267E-04	.0256
16	.760E-05	.0073
17	.144E-03	.1381
18	.130E-03	.1253
19	.622E-04	.0597
20	.392E-04	.0376
21	.000E+00	.0000
22	.382E-04	.0367
23	.137E-03	.1316
24	.783E-04	.0752
28	.000E+00	.0000
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000
25	.161E-04	.0155
26	.181E-04	.0174
27	.632E-04	.0607

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0001
2	.0863
3	.1817
4	.3522
5	.0648
6	.0014
7	.1122
8	.2781
9	.3134
10	.0015
11	.0119
12	.2762
13	.2015
14	.2349
15	.0801
16	.0073
17	.1351
18	.2283
19	.1235
20	.0960
21	.0005
22	.0391
23	.1652
24	.1335
25	.0326
26	.0272
27	.0717
28	.1380
29	.0008
30	.0002
31	.0000
32	.0005
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0028
2	.1262
3	.2222
4	.3767
5	.0908
6	.0014
7	.1508
8	.3762
9	.3554
10	.0021
11	.0133
12	.4000
13	.2807
14	.2741
15	.0972
16	.0102
17	.1959
18	.2849
19	.1511
20	.1131
21	.0005
22	.0528
23	.2179
24	.1614
25	.0370
26	.0312
27	.0747
28	.1808
29	.0008
30	.0011
31	.0000
32	.0005
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0095
2	.2023
3	.3024
4	.4265
5	.1533
6	.0014
7	.2180
8	.5323
9	.4293
10	.0228
11	.0337
12	.6049
13	.4181
14	.3437
15	.1419
16	.0382
17	.3301
18	.4040
19	.2448
20	.1899
21	.0422
22	.1245
23	.3586
24	.2346
25	.0509
26	.0392
27	.1361
28	.2846
29	.0298
30	.0390
31	.0301
32	.0362
33	.0626
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 31 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0095
2	.2423
3	.3442
4	.4525
5	.1953
6	.0014
7	.2473
8	.6102
9	.4708
10	.0228
11	.0342
12	.6959
13	.4806
14	.3710
15	.1539
16	.0385
17	.3743
18	.4470
19	.2678
20	.2031
21	.0422
22	.1328
23	.3974
24	.2639
25	.0509
26	.0414
27	.1515
28	.3150
29	.0298
30	.0390
31	.0301
32	.0362
33	.0626
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 -
WIND DIRECTION: 180 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.810E-04	.0092
2	.878E-04	.0099
3	.131E-03	.0133
4	.105E-03	.0106
5	.102E-03	.0104
6	.453E-04	.0046
7	.793E-04	.0081
8	.130E-03	.0132
9	.918E-04	.0093
10	.396E-04	.0040
11	.607E-04	.0062
12	.386E-03	.0392
13	.244E-03	.0247
14	.215E-03	.0218
15	.111E-03	.0113
16	.463E-04	.0047
17	.533E-03	.0541
18	.727E-03	.0738
19	.427E-03	.0433
20	.381E-03	.0386
21	.398E-04	.0040
22	.121E-03	.0123
23	.557E-03	.0566
24	.469E-03	.0476
25	.000E+00	.0000
26	.981E-04	.0100
27	.443E-03	.0450
28	.332E-03	.0337
29	.514E-04	.0052
30	.522E-04	.0053
31	.508E-04	.0052
32	.465E-04	.0047
33	.536E-04	.0054

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.666E-04	.0068
2	.457E-04	.0046
3	.399E-04	.0041
4	.850E-04	.0086
5	.906E-04	.0092
6	.715E-04	.0073
7	.150E-03	.0152
8	.172E-03	.0175
9	.194E-03	.0197
10	.895E-05	.0009
11	.190E-03	.0193
12	.652E-03	.0662
13	.429E-03	.0435
14	.351E-03	.0357
15	.263E-03	.0267
16	.180E-03	.0182
17	.105E-02	.1062
18	.118E-02	.1197
19	.949E-03	.0963
20	.831E-03	.0843
21	.373E-03	.0379
22	.460E-03	.0467
23	.116E-02	.1180
24	.780E-03	.0792
25	.235E-03	.0239
26	.767E-03	.0779
27	.622E-03	.0631
28	.160E-03	.0163
29	.210E-03	.0213
30	.203E-03	.0206
31	.227E-03	.0230
32	.507E-03	.0515

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 -
WIND DIRECTION: 180 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.830E-05	.0008
2	.000E+00	.0000
3	.286E-04	.0029
4	.378E-04	.0038
5	.275E-04	.0028
6	.715E-05	.0007
7	.227E-04	.0023
8	.707E-04	.0072
9	.300E-04	.0030
10	.894E-05	.0009
11	.152E-04	.0015
12	.259E-03	.0263
13	.167E-03	.0169
14	.144E-03	.0146
15	.732E-04	.0074
16	.163E-04	.0017
17	.353E-03	.0359
18	.518E-03	.0526
19	.315E-03	.0320
20	.316E-03	.0320
21	.181E-04	.0018
22	.650E-04	.0066
23	.371E-03	.0377
24	.332E-03	.0338
25	.413E-05	.0004
26	.503E-04	.0051
27	.306E-03	.0311
28	.226E-03	.0230
29	.110E-04	.0011
30	.638E-05	.0006
31	.669E-05	.0007
32	.684E-05	.0007
33	.120E-04	.0012

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 -
WIND DIRECTION: 180 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.473E-04	.0045
2	.684E-05	.0007
3	.200E-04	.0019
4	.111E-04	.0011
5	.365E-04	.0035
6	.104E-04	.0010
7	.408E-04	.0039
8	.263E-03	.0252
9	.434E-04	.0042
10	.143E-04	.0014
11	.277E-04	.0027
12	.946E-03	.0909
13	.583E-03	.0560
14	.400E-03	.0385
15	.191E-03	.0184
16	.296E-04	.0028
17	.126E-02	.1207
18	.177E-02	.1700
19	.819E-03	.0787
20	.687E-03	.0660
21	.680E-05	.0007
22	.206E-03	.0198
23	.125E-02	.1203
24	.832E-03	.0799
25	.112E-03	.0108
26	.107E-02	.1026
27	.766E-03	.0736
28	.271E-04	.0026
29	.155E-04	.0015
30	.173E-04	.0017
31	.174E-04	.0017
32	.117E-04	.0011

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0046
2	.0260
3	.1206
4	.3219
5	.0658
6	.0024
7	.0507
8	.1283
9	.2720
10	.0029
11	.0062
12	.0989
13	.0740
14	.1950
15	.0758
16	.0028
17	.1207
18	.2732
19	.1424
20	.1244
21	.0012
22	.0221
23	.1539
24	.1382
25	.0171
26	.0205
27	.1137
28	.1139
29	.0034
30	.0017
31	.0017
32	.0022
33	.0011
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0129
2	.0359
3	.1339
4	.3325
5	.0762
6	.0070
7	.0588
8	.1413
9	.2814
10	.0069
11	.0124
12	.1382
13	.0987
14	.2169
15	.0872
16	.0075
17	.1748
18	.3470
19	.1857
20	.1630
21	.0052
22	.0344
23	.2105
24	.1859
25	.0171
26	.0305
27	.1587
28	.1476
29	.0086
30	.0070
31	.0068
32	.0069
33	.0066
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0196
2	.0406
3	.1379
4	.3411
5	.0854
6	.0142
7	.0740
8	.1588
9	.3011
10	.0078
11	.0317
12	.2644
13	.1422
14	.2525
15	.1138
16	.0258
17	.2810
18	.4667
19	.2821
20	.2474
21	.0431
22	.0811
23	.3285
24	.2650
25	.0171
26	.0544
27	.2366
28	.2107
29	.0248
30	.0283
31	.0274
32	.0299
33	.0581
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 35 - 27
WIND DIRECTION: 180 DEG

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 10.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0205
2	.0406
3	.1408
4	.3450
5	.0882
6	.0149
7	.0763
8	.1660
9	.3041
10	.0087
11	.0332
12	.2306
13	.1592
14	.2671
15	.1213
16	.0274
17	.3168
18	.5193
19	.3141
20	.2794
21	.0449
22	.0877
23	.3661
24	.2988
25	.0175
26	.0595
27	.2677
28	.2337
29	.0260
30	.0289
31	.0281
32	.0306
33	.0593
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 -
WIND DIRECTION: 180 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.422E-05	.0043
2	.621E-05	.0063
3	.469E-05	.0048
4	.208E-05	.0021
5	.000E+00	.0000
6	.000E+00	.0000
7	.488E-05	.0049
8	.360E-05	.0037
9	.143E-06	.0001
10	.000E+00	.0000
11	.713E-05	.0072
12	.183E-04	.0186
13	.143E-04	.0145
14	.000E+00	.0000
15	.000E+00	.0000
16	.190E-04	.0193
17	.446E-04	.0453
18	.551E-05	.0056
19	.124E-05	.0013
20	.717E-06	.0007
21	.000E+00	.0000
22	.233E-04	.0236
23	.438E-04	.0445
24	.000E+00	.0000
25	.000E+00	.0000
26	.000E+00	.0000
27	.396E-04	.0402
28	.780E-05	.0079
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.304E-05	.0031
4	.855E-05	.0087
5	.725E-05	.0074
6	.883E-05	.0090
7	.917E-05	.0093
8	.115E-04	.0116
9	.815E-05	.0083
10	.153E-04	.0156
11	.296E-04	.0300
12	.398E-04	.0404
13	.333E-04	.0338
14	.161E-04	.0164
15	.114E-04	.0116
16	.499E-04	.0507
17	.956E-04	.0970
18	.367E-04	.0372
19	.401E-04	.0407
20	.316E-04	.0320
21	.231E-04	.0235
22	.790E-04	.0802
23	.107E-03	.1083
24	.255E-04	.0259
25	.158E-04	.0160
26	.218E-04	.0221
27	.932E-04	.0946
28	.379E-04	.0385
29	.220E-04	.0223
30	.237E-04	.0241
31	.221E-04	.0224
32	.258E-04	.0262
33	.321E-04	.0326

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 -
WIND DIRECTION: 180 DEG.

UNITS: 1C
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.281E-05	.0027
3	.000E+00	.0000
4	.342E-06	.0003
5	.720E-06	.0007
6	.411E-06	.0004
7	.585E-05	.0056
8	.134E-04	.0129
9	.254E-06	.0002
10	.000E+00	.0000
11	.261E-04	.0251
12	.673E-04	.0647
13	.570E-04	.0548
14	.574E-05	.0055
15	.178E-05	.0017
16	.460E-04	.0442
17	.127E-03	.1220
18	.282E-04	.0271
19	.578E-05	.0056
20	.472E-05	.0045
21	.000E+00	.0000
22	.630E-04	.0605
23	.131E-03	.1257
24	.468E-05	.0045
25	.128E-05	.0012
26	.355E-05	.0034
27	.105E-03	.1007
28	.304E-04	.0292
29	.154E-05	.0015
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 -
WIND DIRECTION: 180 DEG.

UNITS: 9
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.125E-06	.0001
3	.000E+00	.0000
4	.631E-06	.0006
5	.000E+00	.0000
6	.980E-06	.0010
7	.382E-05	.0039
8	.408E-05	.0041
9	.256E-06	.0003
10	.000E+00	.0000
11	.105E-04	.0107
12	.143E-04	.0146
13	.155E-04	.0157
14	.000E+00	.0000
15	.845E-06	.0009
16	.193E-04	.0196
17	.327E-04	.0332
18	.673E-05	.0068
19	.775E-06	.0008
20	.219E-05	.0022
21	.204E-04	.0207
22	.337E-04	.0342
23	.109E-05	.0011
24	.139E-06	.0001
25	.169E-05	.0017
26	.303E-04	.0307
27	.971E-05	.0099
28	.392E-06	.0004
29	.000E+00	.0000
30	.000E+00	.0000
31	.209E-07	.0000
32	.000E+00	.0000
33		

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0001
2	.0280
3	.1187
4	.3211
5	.0630
6	.0018
7	.0524
8	.1158
9	.2681
10	.0015
11	.0286
12	.0727
13	.0728
14	.1621
15	.0592
16	.0442
17	.1220
18	.1303
19	.0693
20	.0629
21	.0005
22	.0628
23	.1592
24	.0628
25	.0184
26	.0132
27	.1118
28	.0695
29	.0022
30	.0002
31	.0000
32	.0005
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 - 27
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0044
2	.0343
3	.1235
4	.3232
5	.0630
6	.0018
7	.0574
8	.1195
9	.2683
10	.0015
11	.0359
12	.0913
13	.0873
14	.1621
15	.0592
16	.0635
17	.1673
18	.1359
19	.0705
20	.0636
21	.0005
22	.0865
23	.2037
24	.0628
25	.0184
26	.0132
27	.1520
28	.0775
29	.0022
30	.0002
31	.0006
32	.0005
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 - 27
WIND DIRECTION: 180 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0044
2	.0374
3	.1235
4	.3319
5	.0704
6	.0107
7	.0667
8	.1311
9	.2765
10	.0171
11	.0659
12	.1317
13	.1211
14	.1785
15	.0707
16	.1142
17	.2644
18	.1731
19	.1112
20	.0957
21	.0240
22	.1667
23	.3130
24	.0887
25	.0344
26	.0353
27	.2468
28	.1159
29	.0245
30	.0243
31	.0224
32	.0267
33	.0326
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 37 - 27
WIND DIRECTION: 180 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0044
2	.0375
3	.1235
4	.3326
5	.0704
6	.0117
7	.0706
8	.1353
9	.2768
10	.0171
11	.0766
12	.1463
13	.1369
14	.1785
15	.0716
16	.1338
17	.2976
18	.1800
19	.1120
20	.0979
21	.0240
22	.1874
23	.3462
24	.0898
25	.0345
26	.0370
27	.2773
28	.1258
29	.0249
30	.0243
31	.0224
32	.0267
33	.0326
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 28 -
WIND DIRECTION: 180 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.187E-03	.1513
2	.138E-02	1.1142
3	.230E-02	1.8631
4	.138E-02	1.1174
5	.289E-03	.2333
6	.142E-04	.0115
7	.226E-03	.1827
8	.706E-03	.5707
9	.704E-03	.5691
10	.467E-04	.0378
11	.107E-04	.0086
12	.145E-03	.1170
13	.142E-03	.1150
14	.216E-03	.1744
15	.227E-03	.1836
16	.138E-05	.0011
17	.246E-04	.0199
18	.346E-04	.0280
19	.910E-04	.0736
20	.113E-03	.0914
21	.000E+00	.0000
22	.555E-05	.0045
23	.589E-04	.0476
24	.776E-04	.0628
25	.271E-04	.0219
26	.631E-05	.0051
27	.131E-04	.0106
28	.660E-04	.0538
29	.634E-07	.0001
30	.000E+00	.0000
31	.224E-05	.0018
32	.129E-05	.0010

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 28 -
WIND DIRECTION: 180 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.110E-04	.0056
2	.168E-03	.0853
3	.391E-03	.1986
4	.365E-03	.1852
5	.912E-04	.0463
6	.161E-05	.0008
7	.556E-04	.0282
8	.281E-03	.1427
9	.324E-03	.1646
10	.365E-04	.0185
11	.000E+00	.0000
12	.467E-04	.0237
13	.499E-04	.0253
14	.121E-03	.0614
15	.135E-03	.0684
16	.000E+00	.0000
17	.997E-05	.0051
18	.103E-04	.0052
19	.471E-04	.0239
20	.556E-04	.0282
21	.000E+00	.0000
22	.203E-05	.0010
23	.224E-04	.0113
24	.429E-04	.0218
25	.130E-04	.0066
26	.000E+00	.0000
27	.532E-05	.0027
28	.345E-04	.0175
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 28 -
WIND DIRECTION: 150 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1569
2	1.1994
3	2.0617
4	1.3026
5	.2796
6	.0123
7	.2109
8	.7134
9	.7337
10	.0563
11	.0086
12	.1407
13	.1404
14	.2358
15	.2519
16	.0011
17	.0250
18	.0332
19	.0975
20	.1196
21	.0000
22	.0055
23	.0590
24	.0845
25	.0285
26	.0051
27	.0133
28	.0713
29	.0001
30	.0000
31	.0018
32	.0010
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 -
WIND DIRECTION: 180 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.981E-05	.0050
2	.538E-04	.0273
3	.131E-03	.0663
4	.867E-04	.0440
5	.936E-06	.0005
6	.374E-05	.0019
7	.370E-04	.0188
8	.157E-03	.0799
9	.580E-04	.0295
10	.000E+00	.0000
11	.130E-06	.0001
12	.274E-04	.0139
13	.664E-04	.0337
14	.205E-03	.1040
15	.384E-04	.0195
16	.000E+00	.0000
17	.162E-04	.0082
18	.221E-03	.1124
19	.000E+00	.0000
19	.233E-04	.0118
20	.109E-03	.0553
21	.000E+00	.0000
22	.000E+00	.0000
23	.188E-04	.0095
24	.118E-03	.0600
25	.980E-05	.0050
26	.167E-04	.0085
27	.228E-06	.0001
28	.476E-04	.0242

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.512E-04	.0260
2	.113E-03	.0576
3	.217E-03	.1100
4	.153E-03	.0775
5	.540E-04	.0274
6	.467E-04	.0237
7	.104E-03	.0526
8	.260E-03	.1317
9	.163E-03	.0829
10	.517E-04	.0262
11	.666E-04	.0338
12	.104E-03	.0529
13	.131E-03	.0664
14	.240E-03	.1220
15	.116E-03	.0591
16	.396E-04	.0201
17	.150E-03	.0762
18	.408E-03	.2073
19	.244E-03	.1238
20	.312E-03	.1585
21	.125E-03	.0633
22	.998E-04	.0507
23	.186E-03	.0944
24	.228E-03	.1159
25	.806E-04	.0409
26	.882E-04	.0448
27	.851E-04	.0432
28	.145E-03	.0734

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 -
WIND DIRECTION: 180 DEG.

UNITS: 1C
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.143E-05	.0007
2	.154E-03	.0742
3	.222E-03	.1068
4	.917E-04	.0441
5	.858E-06	.0004
6	.793E-05	.0038
7	.118E-03	.0566
8	.332E-03	.1597
9	.820E-04	.0394
10	.000E+00	.0000
11	.387E-05	.0019
12	.904E-04	.0434
13	.215E-03	.1032
14	.433E-03	.2082
15	.852E-04	.0409
16	.000E+00	.0000
17	.607E-04	.0291
18	.614E-03	.2949
19	.166E-03	.0797
20	.218E-03	.1046
21	.000E+00	.0000
22	.000E+00	.0000
23	.750E-04	.0360
24	.274E-03	.1315
25	.148E-04	.0071
26	.339E-04	.0163
27	.387E-05	.0019
28	.148E-03	.0710

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 -
WIND DIRECTION: 180 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.107E-04	.0055
2	.657E-04	.0333
3	.120E-03	.0609
4	.826E-04	.0420
5	.886E-05	.0045
6	.494E-05	.0025
7	.336E-04	.0170
8	.122E-03	.0622
9	.455E-04	.0231
10	.000E+00	.0000
11	.238E-05	.0012
12	.221E-04	.0112
13	.508E-04	.0258
14	.138E-03	.0701
15	.306E-04	.0155
16	.130E-06	.0001
17	.136E-04	.0069
18	.152E-03	.0772
19	.504E-04	.0256
20	.749E-04	.0380
21	.388E-06	.0002
22	.992E-07	.0000
23	.146E-04	.0074
24	.821E-04	.0417
25	.720E-05	.0037
26	.129E-04	.0066
27	.102E-05	.0005
28	.377E-04	.0191

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 - 28
WIND DIRECTION: 180 DEG.

UNITS: 10^{-5}
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0063
2	.1594
3	.3055
4	.2293
5	.0467
6	.0046
7	.0848
8	.3024
9	.2040
10	.0185
11	.0019
12	.0671
13	.1285
14	.2695
15	.1093
16	.0000
17	.0342
18	.3001
19	.1037
20	.1329
21	.0000
22	.0010
23	.0474
24	.1533
25	.0137
26	.0163
27	.0046
28	.0884
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 - 28
WIND DIRECTION: 180 DEG.

UNITS: 10^{-5} 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0112
2	.1868
3	.3718
4	.2733
5	.0472
6	.0065
7	.1036
8	.3823
9	.2334
10	.0185
11	.0019
12	.0816
13	.1622
14	.3735
15	.1288
16	.0000
17	.0424
18	.4125
19	.1155
20	.1882
21	.0000
22	.0010
23	.0569
24	.2133
25	.0187
26	.0247
27	.0047
28	.1126
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0372
2	.2444
3	.4818
4	.3568
5	.0746
6	.0302
7	.1562
8	.5140
9	.3164
10	.0448
11	.0357
12	.1340
13	.2287
14	.4955
15	.1879
16	.0201
17	.1186
18	.6199
19	.2393
20	.3467
21	.0633
22	.0517
23	.1513
24	.3291
25	.0596
26	.0692
27	.0479
28	.1860
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 32 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0427
2	.2777
3	.5427
4	.3927
5	.0791
6	.0328
7	.1732
8	.5762
9	.3395
10	.0448
11	.0369
12	.1452
13	.2545
14	.5656
15	.2034
16	.0202
17	.1255
18	.6971
19	.2649
20	.3847
21	.0633
22	.0518
23	.1587
24	.3708
25	.0632
26	.0761
27	.0484
28	.2051
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 -
WIND DIRECTION: 180 DEG

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.618E-05	.0031
2	.158E-04	.0080
3	.805E-05	.0041
4	.209E-05	.0011
5	.000E+00	.0000
6	.151E-06	.0001
7	.142E-04	.0072
8	.397E-04	.0202
9	.778E-05	.0039
10	.186E-05	.0009
11	.000E+00	.0000
12	.410E-04	.0208
13	.000E+00	.0000
14	.640E-04	.0325
15	.126E-04	.0064
16	.000E+00	.0000
17	.121E-04	.0061
18	.143E-03	.0728
19	.429E-04	.0218
20	.389E-04	.0197
21	.122E-05	.0006
22	.212E-05	.0011
23	.165E-04	.0084
24	.663E-04	.0337
25	.744E-05	.0038
26	.846E-05	.0043
27	.332E-05	.0017
28	.391E-04	.0198
29	.797E-06	.0004
30	.000E+00	.0000
31	.290E-06	.0001
32	.549E-05	.0028
33	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.453E-05	.0023
2	.106E-04	.0054
3	.961E-05	.0049
4	.140E-04	.0071
5	.945E-05	.0048
6	.154E-04	.0078
7	.349E-04	.0177
8	.706E-04	.0359
9	.302E-04	.0153
10	.273E-04	.0139
11	.304E-04	.0154
12	.836E-04	.0424
14	.107E-03	.0545
15	.519E-04	.0263
16	.249E-04	.0126
17	.788E-04	.0400
18	.236E-03	.1196
19	.138E-03	.0702
20	.130E-03	.0659
21	.769E-04	.0390
22	.815E-04	.0414
23	.115E-03	.0582
24	.122E-03	.0620
25	.573E-04	.0291
26	.494E-04	.0251
27	.585E-04	.0297
28	.942E-04	.0478
29	.538E-04	.0273
30	.514E-04	.0261
31	.621E-04	.0315
32	.116E-03	.0586

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 -
WIND DIRECTION: 180 DEG.

UNITS: 9
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.127E-05	.0006
2	.344E-05	.0017
3	570E-05	.0029
4	.313E-05	0016
5	427E-06	0002
6	.132E-05	.0007
7	.111E-04	.0056
8	.449E-04	.0228
9	854E-05	.0043
10	.190E-05	.0010
11	377E-05	.0019
12	.390E-04	.0198
14	.576E-04	0292
15	102E-04	.0052
16	.151E-05	.0008
17	.140E-04	.0071
18	.114E-03	.0576
19	.397E-04	.0201
20	.406E-04	.0206
21	.212E-05	.0011
22	.188E-05	.0010
23	.160E-04	.0081
24	.577E-04	.0293
25	.509E-05	.0026
26	790E-05	.0040
27	.654E-05	.0033
28	.356E-04	.0181
29	.419E-05	.0021
30	000E+00	.0000
31	.178E-05	.0009
32	.203E-05	.0010
33	.833E-06	.0004

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 -
WIND DIRECTION: 180 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.345E-05	.0017
2	.122E-04	.0059
3	.124E-04	.0059
4	.242E-05	.0012
5	.927E-06	.0004
6	.936E-05	.0045
7	.317E-04	.0152
8	.743E-04	.0357
9	.164E-04	.0079
10	.125E-04	.0060
11	.000E+00	.0000
12	107E-03	.0512
14	.139E-03	.0668
15	.275E-04	.0132
16	.116E-05	.0006
17	.545E-04	.0262
18	.376E-03	.1806
19	917E-04	.0440
20	859E-04	.0413
21	.250E-05	.0012
22	.284E-05	.0014
23	.530E-04	.0254
24	.154E-03	.0741
25	.891E-05	.0043
26	.156E-04	.0075
27	.100E-04	.0048
28	.113E-03	.0544
29	.233E-05	.0011
30	.189E-07	.0000
31	.190E-05	.0009
32	.147E-04	.0071

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 109.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0072
2	.0911
3	.2046
4	.1864
5	.0467
6	.0053
7	.0434
8	.1784
9	.1724
10	.0246
11	.0000
12	.0749
13	.0253
14	.1282
15	.0816
16	.0006
17	.0312
18	.1859
19	.0679
20	.0695
21	.0012
22	.0024
23	.0368
24	.0958
25	.0109
26	.0075
27	.0075
28	.0719
29	.0011
30	.0000
31	.0009
32	.0071
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0104
2	.0992
3	.2087
4	.1874
5	.0467
6	.0054
7	.0507
8	.1986
9	.1764
10	.0255
11	.0000
12	.0958
13	.0253
14	.1607
15	.0880
16	.0006
17	.0374
18	.2587
19	.0897
20	.0892
21	.0018
22	.0035
23	.0452
24	.1295
25	.0147
26	.0118
27	.0092
28	.0918
29	.0015
30	.0000
31	.0011
32	.0099
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 36 - 28
WIND DIRECTION: 180 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.9127
2	.1046
3	.2135
4	.1946
5	.0515
6	.0132
7	.0684
8	.2344
9	.1917
10	.0394
11	.0154
12	.1382
13	.0253
14	.2151
15	.1143
16	.0132
17	.0774
18	.3783
19	.1600
20	.1551
21	.0409
22	.0449
23	.1033
24	.1915
25	.0438
26	.0369
27	.0388
28	.1396
29	.0289
30	.0261
31	.0326
32	.0685
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 36 - 28
WIND DIRECTION: 180 DEG

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0133
2	.1063
3	.2164
4	.1961
5	.0517
6	.0139
7	.0740
8	.2572
9	.1960
10	.0403
11	.0173
12	.1580
13	.0253
14	.2443
15	.1195
16	.0140
17	.0845
18	.4359
19	.1801
20	.1757
21	.0419
22	.0458
23	.1115
24	.2208
25	.0463
26	.0409
27	.0422
28	.1577
29	.0310
30	.0261
31	.0335
32	.0695
33	.0004
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 -
WIND DIRECTION: 180 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.351E-04	.0178
1	.218E-08	.0000
2	.383E-04	.0194
3	.418E-04	.0212
4	.373E-04	.0189
5	.289E-04	.0147
6	.297E-04	.0151
7	.333E-04	.0169
8	.374E-04	.0190
9	.313E-04	.0159
10	.316E-04	.0160
11	.306E-04	.0155
12	.370E-04	.0188
13	.342E-04	.0174
14	.415E-04	.0210
15	.314E-04	.0160
16	.300E-04	.0152
17	.592E-04	.0300
18	.991E-04	.0503
19	.345E-04	.0175
20	.356E-04	.0181
21	.287E-04	.0146
22	.293E-04	.0149
23	.635E-04	.0322
24	.532E-04	.0270
25	.311E-04	.0158
26	.287E-04	.0146
27	.349E-04	.0177
28	.595E-04	.0302
29	.314E-04	.0159
30	.304E-04	.0154
31	.304E-04	.0154
32	.254E-04	.0129
33	.297E-04	.0151

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
7	.128E-04	.0065
8	.111E-04	.0056
9	.267E-04	.0136
10	.277E-04	.0141
11	.179E-05	.0009
12	.384E-04	.0195
13	.352E-04	.0178
14	.346E-04	.0176
15	.334E-04	.0170
16	.231E-04	.0117
17	.115E-03	.0585
18	.147E-03	.0748
19	.961E-04	.0488
20	.750E-04	.0380
21	.826E-04	.0419
22	.770E-04	.0391
23	.137E-03	.0695
24	.694E-04	.0352
25	.447E-04	.0227
26	.403E-04	.0205
27	.746E-04	.0379
28	.105E-03	.0531
29	.499E-04	.0253
30	.564E-04	.0287
31	.592E-04	.0301
32	.462E-04	.0234
33	.909E-04	.0462

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 -
WIND DIRECTION: 180 DEG.

UNITS: 1C
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.213E-04	.0102
1	.671E-08	.0000
2	.223E-04	.0107
3	.191E-04	.0092
4	.173E-04	.0083
5	.203E-04	.0097
6	.136E-04	.0065
7	.169E-04	.0081
8	.192E-04	.0092
9	.284E-04	.0136
10	.206E-04	.0099
11	.151E-04	.0072
12	.272E-04	.0131
13	.471E-04	.0226
14	.529E-04	.0254
15	.339E-04	.0163
16	.136E-04	.0065
17	.116E-03	.0557
18	.200E-03	.0961
19	.320E-04	.0154
20	.294E-04	.0141
21	.122E-04	.0059
22	.142E-04	.0068
23	.123E-03	.0591
24	.729E-04	.0350
25	.283E-04	.0136
26	.268E-04	.0129
27	.254E-04	.0122
28	.110E-03	.0530
29	.145E-04	.0070
30	.116E-04	.0055
31	.107E-04	.0051
32	.176E-04	.0085
33	.148E-04	.0071

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 -
WIND DIRECTION: 180 DEG.

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.290E-05	.0015
2	.413E-05	.0021
3	.261E-05	.0013
4	.193E-05	.0010
5	.251E-05	.0013
6	.170E-05	.0009
7	.606E-06	.0003
8	.285E-05	.0014
9	.258E-05	.0013
10	.496E-05	.0025
11	.256E-05	.0013
12	.154E-05	.0008
13	.110E-04	.0056
14	.143E-04	.0073
15	.345E-05	.0017
16	.187E-05	.0009
17	.292E-04	.0148
18	.587E-04	.0298
19	.899E-05	.0046
20	.541E-05	.0027
21	.177E-05	.0009
22	.167E-05	.0008
23	.280E-04	.0142
24	.203E-04	.0103
25	.307E-05	.0016
26	.433E-05	.0022
27	.685E-05	.0035
28	.282E-04	.0143
29	.241E-05	.0012
30	.749E-06	.0004
31	.159E-05	.0008
32	.179E-05	.0009
33	.359E-05	.0018

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0056
2	.0960
3	.2078
4	.1935
5	.0560
6	.0073
7	.0363
8	.1526
9	.1782
10	.0284
11	.0072
12	.0368
13	.0480
14	.0868
15	.0847
16	.0065
17	.0607
18	.1013
19	.0393
20	.0424
21	.0059
22	.0079
23	.0705
24	.0568
25	.0202
26	.0129
27	.0149
28	.0705
29	.0070
30	.0055
31	.0051
32	.0083
33	.0071
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0056
2	.1154
3	.2290
4	.2124
5	.0707
6	.0224
7	.0532
8	.1709
9	.1941
10	.0444
11	.0228
12	.0556
13	.0653
14	.1078
15	.1006
16	.0218
17	.0908
18	.1516
19	.0568
20	.0605
21	.0205
22	.0227
23	.1027
24	.0838
25	.0360
26	.0275
27	.0326
28	.1007
29	.0229
30	.0210
31	.0206
32	.0213
33	.0222
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 - 28
WIND DIRECTION: 180 DEG

UNITS: 1C 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0056
2	.1154
3	.2290
4	.2124
5	.0707
6	.0224
7	.0597
8	.1766
9	2076
10	.0585
11	.0237
12	.0751
13	.0832
14	.1254
15	.1176
16	.0335
17	.1493
18	.2264
19	1056
20	.0985
21	0624
22	.0618
23	.1722
24	1190
25	.0587
26	.0479
27	.0705
28	.1538
29	.0482
30	.0496
31	.0505
32	.0448
33	.0683
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 38 - 28
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0071
2	.1175
3	2304
4	.2134
5	.0720
6	.0233
7	.0600
8	.1780
9	2090
10	.0610
11	.0250
12	.0759
13	.0887
14	.1327
15	.1193
16	.0344
17	.1641
18	.2562
19	.1101
20	.1013
21	.0633
22	.0627
23	.1864
24	.1294
25	.0692
26	.0501
27	.0739
28	.1681
29	.0493
30	.0500
31	.0514
32	.0457
33	.0791
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 29 -
WIND DIRECTION: 180 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.165E-03	.2003
2	.970E-03	1.1768
3	.134E-02	1.6262
4	.109E-02	1.3272
5	.365E-04	.0443
6	.326E-04	.0395
7	.128E-03	.1546
8	.514E-03	.6229
10	.426E-03	.5163
10	.798E-05	.0097
11	.105E-03	.1268
12	.143E-03	.1739
13	.162E-03	.1961
14	.216E-03	.2618
15	.196E-03	.2373
16	.380E-04	.0460
17	.164E-03	.1985
18	.121E-03	.1462
19	.406E-04	.0492
20	.711E-04	.0862
21	.649E-05	.0079
22	.598E-04	.0725
21	.445E-05	.0054
23	.110E-03	.1332
24	.319E-04	.0387
25	.257E-04	.0312
26	.170E-04	.0206
27	.662E-04	.0803
28	.654E-04	.0793

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 29 -
WIND DIRECTION: 180 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.119E-04	.0090
2	.586E-04	.0446
3	.222E-03	.1687
4	.242E-03	.1842
5	.109E-04	.0083
6	.597E-05	.0045
7	.230E-04	.0175
8	.167E-03	.1274
10	.201E-03	.1530
10	.302E-05	.0023
11	.326E-04	.0248
12	.469E-04	.0357
13	.618E-04	.0470
14	.120E-03	.0915
15	.109E-03	.0827
16	.105E-04	.0080
17	.646E-04	.0492
18	.813E-04	.0619
19	.250E-04	.0190
20	.555E-04	.0422
21	.244E-05	.0019
22	.240E-04	.0183
21	.106E-05	.0008
23	.608E-04	.0463
24	.163E-04	.0124
25	.197E-04	.0150
26	.141E-04	.0107
27	.247E-04	.0188
28	.406E-04	.0309

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 29 -
WIND DIRECTION: 180 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.2093
2	1.2214
3	1.7949
4	1.5114
5	.0526
6	.0441
7	.1721
8	.7503
9	.0000
10	.0120
11	.1516
12	.2096
13	.2431
14	.3333
15	.3200
16	.0540
17	.2477
18	.2081
19	.0682
20	.1284
21	.0062
22	.0907
23	.1794
24	.0510
25	.0462
26	.0313
27	.0992
28	.1103
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 30 -
WIND DIRECTION: 180 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.460E-03	.2790
2	.205E-02	1.2430
3	.217E-02	1.3148
4	.197E-04	.0119
5	.141E-04	.0085
6	.832E-04	.0505
7	.482E-03	.2921
8	.892E-03	.5406
9	.117E-03	.0710
10	.143E-04	.0087
11	.228E-03	.1383
13	.220E-03	.1333
12	.166E-03	.1007
14	.145E-03	.0882
15	.681E-04	.0413
16	.325E-05	.0020
17	.983E-04	.0596
18	.259E-03	.1573
19	.890E-04	.0539
20	.000E+00	.0000
20	.916E-04	.0556
22	.786E-05	.0048
23	.581E-04	.0352
24	.124E-03	.0750
25	.180E-04	.0109
28	.639E-04	.0388

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 30 -
WIND DIRECTION: 180 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.606E-05	.0023
2	.660E-04	.0251
3	.198E-03	.0753
4	.879E-05	.0033
5	.766E-05	.0029
6	.136E-05	.0005
7	.345E-04	.0132
8	.177E-03	.0676
9	.888E-04	.0338
10	.225E-05	.0009
11	.228E-04	.0087
13	.407E-04	.0155
12	.309E-04	.0118
14	.927E-04	.0353
15	.617E-04	.0235
16	.196E-05	.0007
17	.171E-04	.0065
18	.158E-03	.0609
19	.447E-04	.0170
20	.523E-04	.0199
22	.338E-05	.0013
23	.252E-04	.0096
24	.811E-04	.0309
25	.112E-04	.0043
28	.356E-04	.0135

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 30 -
WIND DIRECTION: 180 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.2813
2	1.2682
3	1.3901
4	.0153
5	.0115
6	.0510
7	.3053
8	.6081
9	.1048
10	.0095
11	.1470
12	.1125
13	.1488
14	.1235
15	.0648
16	.0027
17	.0661
18	.2174
19	.0709
20	.0755
21	.0000
22	.0061
23	.0448
24	.1058
25	.0152
26	.0000
27	.0000
28	.0523
29	.0000
30	.0000
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 -
WIND DIRECTION: 180 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.185E-04	.0071
2	.722E-04	.0275
3	.170E-03	.0648
4	.741E-04	.0282
5	.319E-06	.0001
6	.000E+00	.0000
7	.106E-03	.0404
8	.281E-03	.1071
9	.585E-04	.0223
10	.000E+00	.0000
11	.000E+00	.0000
12	.829E-04	.0316
13	.974E-04	.0371
14	.117E-03	.0444
15	.337E-04	.0128
16	.000E+00	.0000
17	.537E-04	.0205
18	.147E-03	.0561
19	.368E-04	.0140
20	.438E-04	.0167
21	.000E+00	.0000
22	.000E+00	.0000
23	.316E-04	.0120
24	.456E-04	.0174
25	.156E-05	.0006
26	.545E-05	.0021
27	.991E-06	.0004
28	.392E-04	.0149
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 -
WIND DIRECTION: 180 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.420E-04	.0160
2	.179E-04	.0068
3	.265E-04	.0101
4	.275E-04	.0105
5	.334E-04	.0127
6	.316E-04	.0120
7	.429E-04	.0163
8	.280E-04	.0106
9	.527E-04	.0200
10	.539E-04	.0205
11	.697E-04	.0265
12	.539E-04	.0205
13	.424E-04	.0161
14	.336E-04	.0128
15	.522E-04	.0199
16	.432E-04	.0164
17	.120E-03	.0456
18	.690E-04	.0263
19	.127E-03	.0485
20	.821E-04	.0312
21	.111E-03	.0421
22	.116E-03	.0443
23	.128E-03	.0488
24	.865E-04	.0329
25	.662E-04	.0252
26	.512E-04	.0195
27	.643E-04	.0245
28	.357E-04	.0136
29	.498E-04	.0190
30	.488E-04	.0186
31	.621E-04	.0236
32	.346E-04	.0132
33	.103E-03	.0392

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 -
WIND DIRECTION: 180 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.334E-04	.0127
2	.100E-03	.0381
3	.174E-03	.0663
4	.722E-04	.0275
5	.721E-05	.0027
6	.000E+00	.0000
7	.101E-03	.0383
8	.228E-03	.0866
9	.588E-04	.0224
10	.612E-06	.0002
11	.230E-05	.0009
12	.728E-04	.0277
13	.859E-04	.0327
14	.959E-04	.0365
15	.297E-04	.0113
16	.516E-06	.0002
17	.469E-04	.0179
18	.128E-03	.0488
19	.320E-04	.0122
20	.377E-04	.0144
21	.000E+00	.0000
22	.196E-06	.0001
23	.294E-04	.0112
24	.428E-04	.0163
25	.494E-05	.0018
26	.687E-05	.0026
27	.547E-05	.0021
28	.389E-04	.0148
29	.571E-06	.0002
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 -
WIND DIRECTION: 180 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.192E-04	.0069
2	.139E-03	.0502
3	.229E-03	.0826
4	.131E-03	.0471
5	.270E-04	.0097
6	.000E+00	.0000
7	.302E-03	.1088
8	.714E-03	.2571
9	.126E-03	.0455
10	.293E-04	.0105
11	.225E-04	.0081
12	.290E-03	.1046
13	.312E-03	.1125
14	.318E-03	.1146
15	.111E-03	.0399
16	.328E-04	.0118
17	.212E-03	.0765
18	.460E-03	.1658
19	.147E-03	.0530
20	.116E-03	.0418
21	.000E+00	.0000
22	.000E+00	.0000
23	.142E-03	.0513
24	.130E-03	.0467
25	.206E-05	.0007
26	.755E-05	.0027
27	.193E-04	.0069
28	.129E-03	.0463
29	.000E+00	.0000
30	.000E+00	.0000
31	.000E+00	.0000
32	.000E+00	.0000
33	.108E-04	.0039

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 - 30
WIND DIRECTION: 180 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0092
2	.0754
3	.1579
4	.0564
5	.0126
6	.0005
7	.1219
8	.3246
9	.0793
10	.0114
11	.0168
12	.1164
13	.1281
14	.1499
15	.0634
16	.0126
17	.0830
18	.2259
19	.0700
20	.0617
21	.0000
22	.0013
23	.0608
24	.0776
25	.0050
26	.0027
27	.0069
28	.0599
29	.0000
30	.0000
31	.0000
32	.0000
33	.0039
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 - 30
WIND DIRECTION: 180 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0163
2	.1029
3	.2227
4	.0786
5	.0128
6	.0005
7	.1624
8	.4317
9	.1016
10	.0114
11	.0168
12	.1480
13	.1651
14	.1943
15	.0763
16	.0126
17	.1034
18	.2819
19	.0840
20	.0783
21	.0000
22	.0013
23	.0729
24	.0949
25	.0056
26	.0048
27	.0073
28	.0748
29	.0000
30	.0000
31	.0000
32	.0000
33	.0039
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 - 30
WIND DIRECTION: 180 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0323
2	.1097
3	.2328
4	.0891
5	.0255
6	.0125
7	.1797
8	.4424
9	.1217
10	.0319
11	.0433
12	.1684
13	.1813
14	.2071
15	.0961
16	.0290
17	.1490
18	.3082
19	.1325
20	.1096
21	.0421
22	.0455
23	.1217
24	.1278
25	.0308
26	.0243
27	.0318
28	.0884
29	.0190
30	.0186
31	.0236
32	.0132
33	.0431
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 34 - 30
WIND DIRECTION: 180 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0450
2	.1478
3	.2992
4	.1166
5	.0282
6	.0125
7	.2170
8	.5290
9	.1440
10	.0322
11	.0442
12	.1962
13	.2140
14	.2436
15	.1074
16	.0292
17	.1669
18	.3570
19	.1447
20	.1239
21	.0421
22	.0456
23	.1328
24	.1442
25	.0327
26	.0269
27	.0339
28	.1032
29	.0192
30	.0186
31	.0235
32	.0132
33	.0431
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 39 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.951E-05	.0154
2	.353E-03	.5709
3	.495E-03	.8009
4	.207E-05	.0034
5	.322E-04	.0521
6	.248E-03	.4014
7	.422E-03	.6824
8	.120E-03	.1942
9	.583E-04	.0943
10	.125E-03	.2019
11	.862E-04	.1396
12	.213E-04	.0344
13	.975E-05	.0158
14	.117E-05	.0019
15	.421E-04	.0680
16	.598E-04	.0966
17	.103E-03	.1659
18	.404E-04	.0653
19	.281E-05	.0045
20	.502E-05	.0081
21	.000E+00	.0000
22	.101E-05	.0016
23	.985E-04	.1593
24	.453E-04	.0732
25	.619E-05	.0100
26	.186E-05	.0030
27	.465E-04	.0758
28	.850E-04	.1374
29	.683E-06	.0011

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 39 -
WIND DIRECTION: 243 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.123E-05	.0013
2	.212E-05	.0022
3	.833E-05	.0085
4	.211E-05	.0021
5	.117E-04	.0118
6	.150E-05	.0015
7	.193E-04	.0196
8	.321E-04	.0326
9	.776E-05	.0079
10	.101E-04	.0103
10	.101E-04	.0103
11	.101E-04	.0103
12	.265E-04	.0269
13	.351E-04	.0357
14	.192E-04	.0194
15	.101E-04	.0102
16	.228E-05	.0023
17	.502E-04	.0510
18	.617E-04	.0626
19	.777E-04	.0789
20	.994E-04	.1009
21	.126E-04	.0128
22	.242E-05	.0025
23	.235E-05	.0024
24	.284E-05	.0029
25	.115E-03	.1167
26	.623E-04	.0633
27	.711E-05	.0072
28	.295E-05	.0030
29	.158E-04	.0161
30	.112E-03	.1136
31	.459E-05	.0047

-- PAHC POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 39 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4 5

STACK HEIGHT (M)	91
APPROACH VELOCITY (M/SEC)	6.63
OPERATING LEVEL (%)	100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0166
2	.5731
3	.8093
4	.0055
5	.0639
6	.4029
7	.7021
8	.2268
9	.1024
10	.0103
11	.0103
12	.2288
13	.1752
14	.0338
15	.0260
16	.0042
17	.1190
18	.1592
19	.2449
20	.1662
21	.0174
22	.0106
23	.0024
24	.0045
25	.2760
26	.1366
27	.0172
28	.0060
29	.0919
30	.2511
31	.0058
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 43 - 39
WIND DIRECTION: 243 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0022
3	.0085
4	.0021
5	.0118
6	.0015
7	.0196
8	.0326
9	.0079
10	.0103
11	.0103
12	.0269
13	.0357
14	.0194
15	.0102
16	.0023
17	.0510
18	.0626
19	.0789
20	.1009
21	.0128
22	.0025
23	.0024
24	.0029
25	.1167
26	.0635
27	.0072
28	.0030
29	.0161
30	.1136
31	.0047
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 43 - 39
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0022
3	.0085
4	.0021
5	.0118
6	.0015
7	.0196
8	.0326
9	.0079
10	.0103
11	.0103
12	.0269
13	.0357
14	.0194
15	.0102
16	.0023
17	.0510
18	.0626
19	.0789
20	.1009
21	.0128
22	.0025
23	.0024
24	.0029
25	.1167
26	.0635
27	.0072
28	.0030
29	.0161
30	.1136
31	.0047
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 43 - 39
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0022
3	.0083
4	.0021
5	.0118
6	.0015
7	.0196
8	.0326
9	.0079
10	.0103
11	.0103
12	.0269
13	.0357
14	.0194
15	.0102
16	.0023
17	.0510
18	.0626
19	.0789
20	.1009
21	.0128
22	.0025
23	.0024
24	.0029
25	.1167
26	.0635
27	.0072
28	.0030
29	.0161
30	.1136
31	.0047
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 43 - 39
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0022
3	.0085
4	.0021
5	.0118
6	.0015
7	.0196
8	.0326
9	.0079
10	.0103
11	.0103
12	.0269
13	.0357
14	.0194
15	.0102
16	.0023
17	.0510
18	.0626
19	.0789
20	.1009
21	.0128
22	.0025
23	.0024
24	.0029
25	.1167
26	.0635
27	.0072
28	.0030
29	.0161
30	.1136
31	.0047
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 -
WIND DIRECTION: 243 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.627E-06	.0007
2	.755E-08	.0000
3	.600E-06	.0006
4	.325E-05	.0033
5	.658E-05	.0067
6	.000E+00	.0000
7	.000E+00	.0000
8	.214E-05	.0022
9	.214E-05	.0022
10	.300E-05	.0030
12	.956E-05	.0097
13	.869E-05	.0088
14	.718E-05	.0073
15	.000E+00	.0000
16	.686E-04	.0696
17	.341E-05	.0035
18	.215E-05	.0022
19	.864E-06	.0009
20	.156E-05	.0016
21	.336E-04	.0341
22	.682E-06	.0007
23	.266E-04	.0270
24	.274E-04	.0279
25	.161E-05	.0016
26	.772E-05	.0078
27	.633E-04	.0643
28	.214E-04	.0218
29	.000E+00	.0000
30	.000E+00	.0000
31	.128E-04	.0130
32	.325E-04	.0330
33	.130E-04	.0132
34	.223E-04	.0226
35	.370E-07	.0000

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.272E-05	.0028
10	.202E-05	.0020
12	.145E-04	.0147
13	.395E-05	.0040
16	.630E-04	.0639
21	.274E-04	.0278
23	.209E-04	.0212
24	.247E-04	.0251
26	.493E-05	.0050
27	.377E-04	.0383
28	.465E-04	.0472
31	.925E-05	.0094
32	.428E-04	.0434
33	.229E-04	.0232
34	.211E-04	.0214

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 -
WIND DIRECTION: 243 DEG.

UNITS: 9
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.425E-06	.0004
2	.188E-05	.0019
3	.351E-06	.0004
4	.514E-06	.0005
5	.878E-06	.0009
6	.382E-06	.0004
7	.223E-08	.0000
8	.610E-06	.0006
9	.223E-05	.0023
10	.119E-05	.0012
11	.878E-05	.0089
12	.597E-05	.0061
13	.319E-05	.0032
14	.712E-06	.0007
15	.236E-04	.0240
16	.388E-05	.0039
17	.431E-05	.0044
18	.228E-05	.0023
19	.270E-05	.0027
20	.232E-04	.0236
21	.291E-06	.0003
22	.123E-04	.0125
23	.132E-04	.0134
24	.740E-06	.0008
25	.278E-05	.0028
26	.164E-04	.0167
27	.178E-04	.0180
28	.396E-06	.0004
29	.102E-05	.0010
30	.448E-05	.0045
31	.223E-04	.0227
32	.206E-04	.0209
33	.117E-04	.0119
34	.734E-06	.0007

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 -
WIND DIRECTION: 243 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.898E-06	.0009
2	.462E-05	.0044
3	.109E-05	.0010
4	.187E-05	.0018
5	.000E+00	.0000
6	.161E-05	.0015
7	.155E-05	.0015
8	.267E-04	.0256
9	.380E-05	.0037
10	.507E-05	.0049
11	.142E-04	.0136
12	.256E-04	.0246
13	.492E-04	.0473
14	.186E-04	.0179
15	.109E-04	.0105
16	.200E-04	.0193
17	.221E-04	.0212
18	.290E-04	.0279
19	.782E-04	.0752
20	.175E-03	.1682
21	.303E-05	.0029
22	.127E-04	.0122
23	.201E-04	.0193
24	.158E-04	.0152
25	.117E-03	.1124
26	.167E-03	.1605
27	.194E-04	.0186
28	.290E-05	.0028
29	.110E-04	.0106
30	.118E-03	.1137
31	.715E-04	.0687
32	.159E-04	.0152
33	.156E-03	.1502
34	.631E-05	.0061

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 - 39
WIND DIRECTION: 243 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0021
2	.0066
3	.0095
4	.0039
5	.0118
6	.0031
7	.0211
8	.0582
9	.0115
10	.0132
11	.0103
12	.0405
13	.0603
14	.0667
15	.0281
16	.0128
17	.0702
18	.0838
19	.1068
20	.1761
21	.1810
22	.0054
23	.0146
24	.0222
25	.1318
26	.1759
27	.1677
28	.0216
29	.0189
30	.1242
31	.1183
32	.0687
33	.0152
34	.1502
35	.0061

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 - 39
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0028
2	.0066
3	.0101
4	.0072
5	.0185
6	.0031
7	.0211
8	.0604
9	.0137
10	.0182
11	.0103
12	.0503
13	.0691
14	.0740
15	.0281
16	.0824
17	.0737
18	.0860
19	.1077
20	.1777
21	.2151
22	.0061
23	.0416
24	.0501
25	.1335
26	.1837
27	.2320
28	.0434
29	.0185
30	.1242
31	.1313
32	.1017
33	.0254
34	.1728
35	.0061

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 - 39
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0055
2	.0066
3	.0191
4	.0072
5	.0185
6	.0031
7	.0211
8	.0604
9	.0137
10	.0202
11	.0193
12	.0650
13	.0731
14	.0740
15	.0281
16	.1464
17	.0737
18	.0860
19	.1077
20	.1777
21	.2430
22	.0061
23	.0627
24	.0752
25	.1335
26	.1887
27	.2793
28	.0906
29	.0189
30	.1242
31	.1407
32	.1451
33	.0517
34	.1942
35	.0961

-- KAHE POWER PLANT POWER STUDY --

CONCENTRATION DATA FOR RUN NO. 47 - 39
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0060
2	.0085
3	.0105
4	.0078
5	.0194
6	.0035
7	.0211
8	.0610
9	.0160
10	.0215
11	.0103
12	.0739
13	.0792
14	.0773
15	.0288
16	.1703
17	.0776
18	.0904
19	.1100
20	.1804
21	.2653
22	.0064
23	.0752
24	.0886
25	.1342
26	.1913
27	.2879
28	.1086
29	.0193
30	.1253
31	.1452
32	.1677
33	.0726
34	.2061
35	.0965

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 -
WIND DIRECTION: 243 DEG

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.387E-06	.0004
2	.429E-09	.0000
3	.593E-05	.0060
4	.331E-05	.0034
5	.138E-06	.0001
6	.443E-06	.0005
7	.270E-05	.0027
8	.901E-06	.0009
9	.307E-06	.0003
10	.209E-05	.0021
11	.208E-05	.0021
12	.169E-05	.0017
13	.264E-05	.0027
14	.182E-05	.0018
15	.000E+00	.0000
16	.000E+00	.0000
17	.126E-05	.0013
18	.160E-05	.0016
19	.117E-04	.0119
20	.973E-05	.0099
21	.758E-06	.0008
22	.000E+00	.0000
23	.184E-05	.0019
24	.146E-06	.0001
25	.197E-04	.0200
26	.000E+00	.0000
27	.000E+00	.0000
28	.000E+00	.0000
29	.493E-05	.0050
30	.219E-04	.0222
31	.274E-05	.0028
32	.233E-06	.0002
33	.225E-05	.0023
34	.212E-04	.0215
35	.269E-05	.0027

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
6	.101E-05	.0010
14	.985E-05	.0100
18	.754E-06	.0008
20	.251E-04	.0255
25	.363E-04	.0369
26	.132E-04	.0134
30	.282E-04	.0286
31	.128E-04	.0130
34	.431E-04	.0438
35	.203E-05	.0021

-- KAWE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 -
WIND DIRECTION: 243 DEG

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.148E-06	.0002
2	.109E-06	.0001
3	.316E-08	.0000
4	.677E-06	.0007
5	.231E-06	.0002
6	.313E-06	.0003
7	.000E+00	.0000
8	.273E-05	.0028
9	.199E-05	.0020
10	.641E-06	.0007
11	.799E-06	.0008
12	.921E-06	.0009
13	.733E-05	.0074
14	.133E-04	.0135
15	.315E-06	.0003
16	.952E-06	.0010
17	.164E-05	.0017
18	.834E-05	.0085
19	.172E-04	.0175
20	.599E-05	.0061
21	.316E-06	.0003
22	.000E+00	.0000
23	.753E-06	.0008
24	.255E-04	.0259
25	.998E-05	.0101
26	.210E-05	.0021
27	.000E+00	.0000
28	.218E-05	.0022
29	.169E-04	.0172
30	.123E-04	.0125
31	.115E-05	.0012
32	.123E-06	.0001
33	.325E-04	.0330
34	.137E-06	.0001
35		

- KAWE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 -
WIND DIRECTION: 243 DEG

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.278E-06	.0003
2	.918E-06	.0009
3	.147E-06	.0001
4	.274E-06	.0003
5	.188E-06	.0000
6	.167E-05	.0016
7	.382E-05	.0035
8	.750E-06	.0007
9	.139E-05	.0013
10	.105E-04	.0101
11	.308E-05	.0030
12	.184E-04	.0177
13	.911E-06	.0009
14	.182E-05	.0017
15	.384E-06	.0004
16	.266E-04	.0255
17	.269E-04	.0258
18	.495E-04	.0475
19	.630E-05	.0061
20	.583E-06	.0006
21	.000E+00	.0000
22	.000E+00	.0000
23	.129E-04	.0121
24	.254E-04	.0244
25	.245E-05	.0024
26	.569E-06	.0005
27	.000E+00	.0000
28	.264E-04	.0254
29	.572E-04	.0550
30	.410E-05	.0039
31	.000E+00	.0000
32	.000E+00	.0000
33	.201E-04	.0193
34	.280E-06	.0003
35		

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 - 39
WIND DIRECTION: 243 DEG.

UNITS: 10 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0030
3	.0086
4	.0024
5	.0115
6	.0031
7	.0221
8	.0333
9	.0098
10	.0203
11	.0132
12	.0446
13	.0365
14	.0212
15	.0106
16	.0023
17	.0765
18	.0884
19	.1265
20	.1070
21	.0134
22	.0025
23	.0024
24	.0149
25	.1410
26	.0658
27	.0078
28	.0030
29	.0414
30	.1686
31	.0086
32	.0000
33	.0000
34	.0193
35	.0003

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 - 39
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0019
2	.0030
3	.0146
4	.0058
5	.0120
6	.0036
7	.0259
8	.0342
9	.0101
10	.0225
11	.0153
12	.0463
13	.0392
14	.0230
15	.0106
16	.0023
17	.0778
18	.0900
19	.1384
20	.1168
21	.0142
22	.0025
23	.0043
24	.0151
25	.1611
26	.0658
27	.0078
28	.0030
29	.0464
30	.1908
31	.0114
32	.0002
33	.0023
34	.0408
35	.0030

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 - 39
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0019
2	.0030
3	.0146
4	.0058
5	.0120
6	.0046
7	.0259
8	.0342
9	.0101
10	.0225
11	.0153
12	.0463
13	.0392
14	.0330
15	.0106
16	.0023
17	.0779
18	.0908
19	.1384
20	.1423
21	.0142
22	.0025
23	.0043
24	.0151
25	.1979
26	.0792
27	.0070
28	.0030
29	.0464
30	.2194
31	.0243
32	.0002
33	.0023
34	.0846
35	.0051

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 49 - 39
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0021
2	.0032
3	.0146
4	.0064
5	.0122
6	.0049
7	.0259
8	.0370
9	.0121
10	.0231
11	.0162
12	.0472
13	.0467
14	.0466
15	.0109
16	.0023
17	.0789
18	.0925
19	.1468
20	.1598
21	.0202
22	.0028
23	.0043
24	.0158
25	.2238
26	.0893
27	.0099
28	.0030
29	.0487
30	.2365
31	.0368
32	.0014
33	.0024
34	.1176
35	.0052

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 40 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
7	.201E-04	.0163
8	.330E-03	.2672
9	.747E-04	.0604
12	.558E-04	.0451
13	.130E-03	.1053
14	.106E-03	.0854
16	.822E-04	.0664
17	.320E-04	.0259
18	.481E-04	.0389
19	.356E-04	.0288
20	.394E-04	.0319
21	.974E-04	.0787
22	.317E-05	.0026
23	.548E-04	.0443
24	.486E-04	.0393
25	.212E-04	.0172
26	.543E-04	.0439
27	.104E-03	.0837
28	.338E-04	.0274
29	.926E-05	.0075
30	.234E-04	.0189
31	.435E-04	.0352
32	.530E-04	.0429
33	.452E-04	.0365
34	.371E-04	.0300
35	.358E-04	.0289

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 40 -
WIND DIRECTION: 243 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
6	.119E-04	.0060
7	.283E-05	.0014
8	.195E-04	.0099
9	.229E-04	.0116
12	.276E-04	.0140
13	.262E-04	.0133
14	.202E-04	.0102
16	.101E-03	.0515
17	.177E-04	.0090
18	.188E-04	.0095
19	.217E-04	.0110
20	.138E-04	.0070
21	.527E-04	.0267
22	.741E-09	.0000
23	.323E-04	.0164
24	.316E-04	.0160
25	.910E-05	.0046
26	.796E-05	.0040
27	.586E-04	.0298
28	.229E-04	.0116
29	.603E-05	.0031
30	.128E-04	.0065
31	.127E-04	.0064
32	.210E-04	.0106
33	.471E-05	.0024
34	.181E-04	.0092
35	.409E-05	.0021

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 40 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0000
3	.0000
4	.0000
5	.0000
6	.0060
7	.0177
8	.2771
9	.0720
10	.0000
11	.0000
12	.0592
13	.1185
14	.0956
15	.0000
16	.1179
17	.0349
18	.0484
19	.0398
20	.0389
21	.1054
22	.0026
23	.0607
24	.0553
25	.0218
26	.0480
27	.1135
28	.0390
29	.0105
30	.0254
31	.0416
32	.0333
33	.0389
34	.0372
35	.0310

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 -
WIND DIRECTION: 243 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.414E-05	.0021
2	.462E-05	.0023
3	.241E-05	.0012
4	.773E-04	.0393
5	.217E-03	.1103
6	.157E-07	.0000
7	.112E-04	.0057
8	.303E-05	.0015
9	.168E-04	.0085
10	.188E-04	.0096
12	.771E-04	.0391
13	.359E-04	.0182
14	.296E-04	.0150
15	.000E+00	.0000
16	.103E-05	.0005
17	.105E-03	.0532
18	.180E-04	.0091
19	.240E-04	.0122
20	.311E-04	.0158
21	.267E-04	.0136
22	.417E-04	.0212
23	.375E-05	.0019
24	.103E-03	.0521
25	.931E-04	.0473
26	.184E-04	.0093
27	.166E-04	.0084
28	.336E-04	.0171
28	.000E+00	.0000
29	.542E-04	.0275
30	.654E-05	.0033
31	.000E+00	.0000
32	.169E-04	.0086
33	.481E-04	.0244
34	.637E-04	.0323
35	.209E-04	.0106
35	.377E-05	.0019

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
8	.335E-03	.1699
9	.671E-04	.0341
10	.639E-04	.0324
12	.249E-03	.1265
13	.123E-03	.0624
14	.961E-04	.0488
15	.568E-04	.0288
16	.200E-03	.1015
17	.756E-04	.0384
18	.719E-04	.0365
19	.868E-04	.0441
20	.758E-04	.0385
21	.103E-03	.0522
23	.221E-03	.1122
24	.192E-03	.0973
25	.308E-04	.0156
26	.295E-04	.0150
27	.688E-04	.0349
28	.154E-03	.0779
29	.170E-04	.0086
30	.963E-05	.0049
31	.358E-04	.0182
32	.106E-03	.0540
33	.132E-03	.0671
34	.250E-04	.0127
35	.741E-05	.0038

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 -
WIND DIRECTION: 243 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.697E-07	.0000
2	.790E-07	.0000
3	.499E-07	.0000
4	.678E-06	.0003
5	.241E-03	.1224
6	.000E+00	.0000
7	.000E+00	.0000
8	.188E-05	.0010
9	.732E-04	.0382
10	.417E-04	.0212
12	.172E-03	.0771
13	.807E-04	.0410
14	.609E-04	.0309
15	.358E-04	.0182
16	.135E-03	.0683
17	.537E-04	.0273
18	.427E-04	.0217
19	.548E-04	.0278
20	.434E-04	.0221
21	.780E-04	.0396
22	.268E-05	.0014
23	.140E-03	.0712
24	.132E-03	.0668
25	.270E-04	.0137
26	.281E-04	.0143
27	.408E-04	.0207
28	.919E-04	.0466
29	.624E-05	.0032
30	.715E-05	.0036
31	.258E-04	.0131
32	.678E-04	.0344
33	.825E-04	.0419
34	.277E-04	.0141
35	.271E-05	.0014

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 -
WIND DIRECTION: 243 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.712E-06	.0003
2	.123E-05	.0006
3	.670E-05	.0032
4	.289E-03	.1386
5	.928E-05	.0045
6	.227E-07	.0000
7	.125E-05	.0006
8	.228E-04	.0110
9	.130E-03	.0625
10	.189E-04	.0091
12	.748E-04	.0359
13	.734E-04	.0353
14	.674E-04	.0324
15	.399E-04	.0191
16	.308E-03	.1478
17	.357E-04	.0172
18	.324E-04	.0156
19	.385E-04	.0185
20	.404E-04	.0194
21	.216E-03	.1037
22	.939E-05	.0045
23	.182E-03	.0872
24	.169E-03	.0813
25	.313E-04	.0150
26	.367E-04	.0176
27	.180E-03	.0863
28	.221E-03	.1063
29	.826E-05	.0040
30	.644E-05	.0031
31	.319E-04	.0153
32	.223E-03	.1070
33	.845E-04	.0406
34	.547E-04	.0263
35	.559E-05	.0027

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0003
2	.0006
3	.0032
4	.1386
5	.0045
6	.0061
7	.0020
8	.0269
9	.0741
10	.0091
11	.0000
12	.0500
13	.0486
14	.0426
15	.0191
16	.1994
17	.0262
18	.0251
19	.0295
20	.0265
21	.1305
22	.0045
23	.1036
24	.0273
25	.0197
26	.0217
27	.1160
28	.1180
29	.0070
30	.0096
31	.0218
32	.1177
33	.0430
34	.0355
35	.0048

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 - 40
WIND DIRECTION: 2[illegible] DEG.

UNITS: 1C 5 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0024
2	.0029
3	.0044
4	.1779
5	.1148
6	.0061
7	.0077
8	.0224
9	.0826
10	.0186
11	.0000
12	.0891
13	.0668
14	.0576
15	.0197
16	.2525
17	.0353
18	.0373
19	.0453
20	.0400
21	.1516
22	.0064
23	.1557
24	.1446
25	.0290
26	.0301
27	.1331
28	.1455
29	.0103
30	.0096
31	.0304
32	.1421
33	.0753
34	.0461
35	.0067

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0024
2	.0029
3	.0044
4	.1779
5	.2948
6	.0061
7	.0077
8	.0224
9	.1167
10	.0510
11	.0000
12	.2156
13	.1292
14	.1064
15	.0485
16	.3540
17	.0737
18	.0738
19	.0894
20	.0785
21	.2038
22	.0664
23	.2679
24	.2419
25	.0446
26	.0451
27	.1680
28	.2235
29	.0190
30	.0145
31	.0486
32	.1961
33	.1424
34	.0598
35	.0194

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 44 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0025
2	.0030
3	.0045
4	.1782
5	.4171
6	.0061
7	.0077
8	.0233
9	.1549
10	.0722
11	.0000
12	.2927
13	.1701
14	.1374
15	.0667
16	.4224
17	.1009
18	.0934
19	.1171
20	.1036
21	.2434
22	.0078
23	.3391
24	.3087
25	.0583
26	.0594
27	.1888
28	.2701
29	.0221
30	.0181
31	.0617
32	.2305
33	.1842
34	.0728
35	.0118

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 -
WIND DIRECTION: 243 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.177E-05	.0009
3	.229E-05	.0012
4	.854E-05	.0043
5	.000E+00	.0000
6	.762E-05	.0039
7	.165E-05	.0008
8	.746E-06	.0004
9	.237E-05	.0012
10	.138E-04	.0070
11	.227E-04	.0115
12	.000E+00	.0000
13	.543E-04	.0275
14	.396E-04	.0201
15	.223E-04	.0113
16	.845E-04	.0429
17	.414E-04	.0210
18	.296E-04	.0150
19	.372E-04	.0189
20	.342E-04	.0174
21	.349E-04	.0177
22	.693E-04	.0352
23	.190E-05	.0010
24	.196E-03	.0995
25	.188E-03	.0954
26	.255E-04	.0130
27	.168E-04	.0085
28	.238E-04	.0121
29	.132E-03	.0669
30	.373E-05	.0019
31	.000E+00	.0000
32	.172E-04	.0087
33	.105E-03	.0535
34	.126E-03	.0638
35	.216E-04	.0109
36	.517E-05	.0026

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
12	.286E-04	.0145
13	.198E-04	.0101
14	.560E-05	.0028
15	.421E-04	.0214
16	.266E-04	.0135
17	.508E-04	.0258
18	.463E-04	.0235
19	.562E-04	.0285
20	.410E-04	.0208
21	.767E-04	.0390
22	.281E-03	.1426
23	.221E-03	.1121
24	.649E-05	.0033
25	.228E-04	.0116
26	.227E-04	.0115
27	.158E-03	.0804
28	.527E-05	.0027
29	.158E-04	.0080
31	.119E-03	.0606
32	.136E-03	.0688
33	.797E-05	.0040
34	.572E-04	.0290
35		

-- KANE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 -
WIND DIRECTION: 243 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.121E-07	.0000
2	.276E-06	.0001
3	.475E-06	.0002
4	.111E-05	.0006
5	.875E-06	.0004
6	.197E-06	.0001
7	.407E-06	.0002
8	.356E-06	.0002
9	.601E-05	.0031
10	.147E-05	.0007
11	.191E-05	.0005
12	.564E-05	.0029
13	.236E-05	.0012
14	.727E-05	.0037
15	.105E-04	.0053
16	.954E-05	.0048
17	.906E-05	.0046
18	.121E-04	.0061
19	.116E-04	.0059
20	.167E-04	.0085
21	.598E-06	.0003
22	.947E-04	.0481
23	.991E-04	.0502
24	.487E-06	.0002
25	.454E-05	.0023
26	.478E-05	.0024
27	.533E-04	.0271
28	.151E-05	.0008
29	.970E-07	.0000
30	.323E-05	.0016
31	.404E-04	.0205
32	.379E-04	.0192
33	.224E-05	.0011
34	.163E-05	.0008

-- KANE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 -
WIND DIRECTION: 243 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.467E-06	.0002
2	.000E+00	.0000
3	.242E-05	.0012
4	.244E-04	.0117
5	.372E-05	.0018
6	.185E-05	.0009
7	.191E-06	.0001
8	.344E-04	.0165
9	.405E-04	.0195
10	.133E-04	.0064
11	.696E-04	.0334
12	.628E-04	.0301
13	.901E-04	.0433
14	.459E-03	.2204
15	.715E-04	.0343
16	.170E-04	.0082
17	.175E-04	.0084
18	.226E-04	.0109
19	.225E-04	.0108
20	.213E-03	.1024
21	.821E-05	.0039
22	.876E-04	.0421
23	.811E-04	.0390
24	.236E-04	.0113
25	.184E-04	.0088
26	.188E-03	.0902
27	.185E-03	.0889
28	.440E-05	.0021
29	.214E-05	.0010
30	.248E-04	.0119
31	.254E-03	.1219
32	.810E-04	.0389
33	.538E-04	.0258
34	.455E-05	.0022

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0000
3	.0012
4	.0117
5	.0018
6	.0069
7	.0015
8	.0264
9	.0311
10	.0064
11	.0000
12	.0474
13	.0434
14	.0535
15	.2204
16	.0859
17	.0172
18	.0180
19	.0219
20	.0178
21	.1291
22	.0039
23	.0585
24	.0550
25	.0159
26	.0129
27	.1199
28	.1005
29	.0052
30	.0075
31	.0184
32	.1325
33	.0413
34	.0350
35	.0043

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0009
3	.0023
4	.0161
5	.0057
6	.0078
7	.0019
8	.0276
9	.0381
10	.0179
11	.0000
12	.0750
13	.0635
14	.0649
15	.2634
16	.1069
17	.0322
18	.0368
19	.0392
20	.0355
21	.1643
22	.0049
23	.1589
24	.1503
25	.0289
26	.0214
27	.1320
28	.1674
29	.0071
30	.0075
31	.0271
32	.1860
33	.1030
34	.0460
35	.0069

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0009
3	.0023
4	.0161
5	.0057
6	.0078
7	.0019
8	.0276
9	.0381
10	.0179
11	.0000
12	.0895
13	.0736
14	.0677
15	.2847
16	.1204
17	.0580
18	.0603
19	.0678
20	.0563
21	.2032
22	.0049
23	.3006
24	.2624
25	.0322
26	.0329
27	.1435
28	.2478
29	.0097
30	.0075
31	.0351
32	.2468
33	.1739
34	.0500
35	.0359

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 48 - 40
WIND DIRECTION: 243 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0002
2	.0010
3	.0026
4	.0156
5	.0061
6	.0079
7	.0021
8	.0278
9	.0411
10	.0187
11	.0000
12	.0900
13	.0765
14	.0689
15	.2884
16	.1257
17	.0628
18	.0649
19	.0739
20	.0622
21	.2117
22	.0052
23	.3486
24	.3076
25	.0324
26	.0352
27	.1460
28	.2749
29	.0102
30	.0076
31	.0367
32	.2672
33	.1931
34	.0512
35	.0368

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 50 -
WIND DIRECTION: 243 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.113E-05	.0006
2	.331E-05	.0017
3	.150E-05	.0008
4	.634E-06	.0003
5	.101E-05	.0005
6	.123E-08	.0000
7	.193E-07	.0000
8	.811E-06	.0004
9	.438E-06	.0002
10	.300E-05	.0015
12	.258E-06	.0001
13	.000E+00	.0000
14	.167E-05	.0008
15	.726E-05	.0037
15	.266E-05	.0013
16	.184E-05	.0009
17	.218E-05	.0011
18	.104E-05	.0005
19	.000E+00	.0000
20	.116E-05	.0006
21	.116E-04	.0059
22	.000E+00	.0000
23	.588E-05	.0030
24	.000E+00	.0000
26	.318E-05	.0016
27	.234E-04	.0119
28	.745E-05	.0038
29	.104E-05	.0005
30	.000E+00	.0000
31	.366E-05	.0019
32	.216E-04	.0110
33	.108E-04	.0055
34	.232E-04	.0118
35	.155E-05	.0008

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 50 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
6	.150E-04	.0076
8	.851E-05	.0043
9	.132E-04	.0067
10	.983E-05	.0050
15	.632E-05	.0032
16	.766E-05	.0039
19	.637E-05	.0032
20	.852E-05	.0043
21	.995E-05	.0051
23	.727E-05	.0037
26	.713E-05	.0036
27	.199E-04	.0101
28	.157E-04	.0080
29	.120E-04	.0061
31	.101E-04	.0051
32	.263E-04	.0134
33	.866E-04	.0440
34	.304E-04	.0154
35	.659E-04	.0334

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 50 -
WIND DIRECTION: 243 DEG.

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.189E-06	.0001
3	.348E-07	.0000
4	.692E-06	.0004
5	.144E-06	.0001
6	.177E-06	.0001
7	.315E-07	.0000
8	.435E-06	.0002
9	.880E-06	.0004
10	.000E+00	.0000
12	.144E-06	.0001
13	.118E-06	.0001
14	.403E-06	.0002
15	.107E-05	.0005
15	.774E-06	.0004
16	.149E-05	.0008
17	.860E-06	.0004
18	.910E-06	.0005
19	.694E-06	.0004
20	.456E-06	.0002
21	.241E-05	.0012
22	.000E+00	.0000
23	.358E-05	.0018
24	.305E-06	.0002
26	.729E-06	.0004
27	.266E-05	.0013
28	.418E-05	.0021
29	.528E-06	.0003
30	.660E-06	.0003
31	.806E-06	.0004
32	.640E-05	.0032
33	.327E-04	.0166
34	.152E-04	.0092
35	.228E-05	.0012

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 50 -
WIND DIRECTION: 243 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.121E-05	.0006
2	.109E-05	.0005
3	.1[illegible]7E-05	.0007
4	.1[illegible]E-05	.0007
5	.798E-06	.0004
6	.192E-05	.0009
7	.939E-07	.0000
8	.641E-04	.0308
9	.163E-04	.0078
10	.630E-05	.0030
12	.732E-04	.0352
13	.105E-03	.0505
14	.300E-03	.1442
15	.472E-04	.0227
15	.433E-04	.0208
16	.772E-05	.0037
17	.266E-04	.0128
18	.358E-04	.0172
19	.599E-04	.0288
20	.185E-03	.0889
21	.242E-03	.1162
22	.477E-05	.0023
23	.540E-05	.0026
24	.545E-05	.0026
26	.271E-03	.1297
27	.173E-03	.0833
28	.179E-04	.0086
29	.752E-05	.0036
30	.147E-04	.0071
31	.241E-03	.1158
32	.105E-03	.0506
33	.718E-05	.0034
34	.343E-03	.1648
35	.152E-04	.0073

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 50 - 40
WIND DIRECTION: 243 DEG.

UNITS: 10 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0006
2	.0005
3	.0007
4	.0007
5	.0004
6	.0070
7	.0015
8	.0407
9	.0194
10	.0030
11	.0000
12	.0492
13	.0638
14	.1544
15	.0208
16	.0552
17	.0218
18	.0267
19	.0398
20	.0957
21	.1429
22	.0023
23	.0190
24	.0186
25	.0046
26	.1437
27	.1130
28	.0202
29	.0067
30	.0136
31	.1222
32	.0612
33	.0058
34	.1740
35	.0094

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 50 - 40
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0022
3	.0015
4	.0010
5	.0009
6	.0070
7	.0015
8	.0411
9	.0157
10	.0045
11	.0000
12	.0493
13	.0635
14	.1552
15	.0221
16	.0562
17	.0229
18	.0273
19	.0338
20	.0965
21	.1488
22	.0023
23	.0220
24	.0186
25	.0046
26	.1454
27	.1249
28	.0240
29	.0072
30	.0136
31	.1241
32	.0722
33	.0113
34	.1857
35	.0102

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 50 - 40
WIND DIRECTION: 243 Deg

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0022
3	.0015
4	.0010
5	.0009
6	.0146
7	.0015
8	.0454
9	.0264
10	.0085
11	.0000
12	.0493
13	.0638
14	.1554
15	.0253
16	.0601
17	.0233
18	.0273
19	.0434
20	.1008
21	.1533
22	.0023
23	.0257
24	.0186
25	.0046
26	.1490
27	.1364
28	.0741
29	.0178
30	.0130
31	.1286
32	.0868
33	.0803
34	.0713
35	.2104
36	.0448

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 39 - 40
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0022
3	.0015
4	.0013
5	.0010
6	.0147
7	.0015
8	.0457
9	.0268
10	.0085
11	.0000
12	.0488
13	.0638
14	.1554
15	.0257
16	.0608
17	.0233
18	.0277
19	.0434
20	.1011
21	.1531
22	.0023
23	.0275
24	.0186
25	.0046
26	.1493
27	.1364
28	.0741
29	.0178
30	.0130
31	.1286
32	.0868
33	.0803
34	.0713
35	.2104
36	.0448

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 41 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.411E-04	.0498
2	.469E-03	.5682
3	.782E-03	.9478
4	.497E-04	.0602
5	.491E-05	.0059
6	.605E-04	.0734
7	.410E-03	.4968
8	.161E-03	.1947
9	.110E-04	.0134
10	.881E-04	.1069
11	.937E-04	.1137
12	.152E-03	.1838
13	.124E-03	.1505
14	.768E-04	.0931
15	.799E-06	.0010
16	.103E-03	.1246
17	.139E-03	.1681
18	.169E-03	.2049
19	.227E-03	.2757
20	.806E-04	.0978
21	.000E+00	.0000
22	.464E-06	.0006
23	.554E-04	.0672
24	.186E-03	.2251
25	.140E-03	.1702
26	.252E-04	.0305
27	.350E-05	.0042
28	.476E-04	.0577
29	.104E-03	.1258
30	.957E-04	.1160
31	.117E-04	.0142
32	.494E-06	.0006
33	.331E-04	.0401
34	.986E-07	.0001
35		

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 41 -
WIND DIRECTION: 243 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.361E-06	.0003
3	.458E-04	.0349
4	.530E-04	.0404
5	.336E-05	.0026
6	.000E+00	.0000
7	.127E-04	.0097
8	.159E-03	.1210
9	.232E-04	.0177
10	.664E-05	.0051
11	.135E-04	.0103
12	.588E-04	.0448
13	.878E-04	.0669
14	.540E-04	.0412
15	.601E-05	.0046
16	.132E-04	.0100
17	.206E-04	.0157
18	.334E-04	.0254
19	.848E-04	.0646
20	.733E-04	.0559
21	.844E-06	.0006
22	.455E-05	.0035
23	.822E-05	.0063
24	.108E-03	.0819
25	.860E-04	.0655
26	.455E-04	.0346
27	.105E-04	.0080
28	.543E-05	.0041
29	.260E-04	.0198
30	.839E-04	.0639
31	.146E-04	.0111
32	.000E+00	.0000
33	.393E-04	.0299
34	.861E-06	.0007
35		

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 41 -
WIND DIRECTION: 243 DEG

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.5685
3	.9826
4	.1006
5	.0085
6	.0734
7	.5066
8	.3157
9	.0311
10	.1119
11	.0000
12	.1240
13	.2285
14	.2174
15	.1343
16	.0055
17	.1346
18	.1838
19	.2303
20	.3403
21	.1536
22	.0006
23	.0040
24	.0735
25	.3070
26	.2358
27	.0552
28	.0122
29	.0619
30	.1456
31	.1799
32	.0253
33	.0006
34	.0700
35	.0008

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 -
WIND DIRECTION: 243 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.112E-02	.8559
1	.496E-05	.0038
2	.584E-05	.0042
3	.230E-03	.1751
4	.953E-04	.0726
5	.120E-06	.0001
6	.505E-05	.0038
7	.179E-03	.1361
8	.446E-03	.3393
9	.281E-04	.0214
10	.601E-04	.0458
12	.101E-03	.0769
13	.231E-03	.1760
14	.151E-03	.1151
15	.916E-04	.0698
16	.000E+00	.0000
17	.825E-04	.0628
18	.116E-03	.0883
19	.190E-03	.1447
20	.161E-03	.1223
21	.221E-04	.0168
22	.502E-05	.0038
23	.287E-05	.0022
24	.555E-04	.0423
25	.129E-03	.0986
26	.854E-04	.0650
27	.169E-04	.0129
28	.428E-05	.0033
29	.515E-04	.0392
30	.112E-03	.0852
31	.662E-04	.0504
32	.475E-05	.0036
33	.418E-05	.0032
34	.126E-04	.0096
35	.642E-05	.0049
~~36~~	~~.101E-01~~	~~13.9810~~

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
3	.237E-04	.0180
4	.649E-03	.4941
5	.355E-04	.0270
6	.892E-05	.0068
7	.114E-04	.0087
8	.385E-03	.2930
9	.162E-03	.1231
10	.238E-04	.0181
12	.690E-04	.0525
13	.131E-03	.0997
14	.167E-03	.1273
15	.921E-04	.0702
16	.180E-04	.0137
17	.853E-04	.0649
18	.126E-03	.0960
19	.158E-03	.1205
20	.247E-03	.1883
21	.119E-03	.0908
24	.387E-04	.0295
25	.629E-04	.0479
26	.137E-03	.1041
27	.489E-04	.0372
29	.373E-04	.0284
30	.862E-04	.0657
31	.109E-03	.0833
33	.422E-04	.0321
34	.239E-04	.0182
35	.616E-04	.0469

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 -
WIND DIRECTION: 243 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.335E-07	.0000
3	.248E-05	.0019
4	.194E-03	.1476
5	.953E-04	.0726
6	.257E-05	.0020
7	.132E-05	.0010
8	.691E-04	.0526
9	.899E-04	.0685
10	.723E-05	.0055
12	.314E-04	.0239
13	.405E-04	.0308
14	.637E-04	.0485
15	.422E-04	.0321
16	.121E-04	.0092
17	.274E-04	.0209
18	.401E-04	.0306
19	.443E-04	.0338
20	.861E-04	.0655
21	.678E-04	.0516
22	.139E-05	.0011
23	.820E-07	.0001
24	.129E-04	.0098
25	.187E-04	.0142
26	.554E-04	.0422
27	.265E-04	.0202
28	.123E-05	.0009
29	.138E-04	.0105
30	.238E-04	.0181
31	.460E-04	.0350
32	.308E-05	.0023
33	.118E-06	.0001
34	.141E-04	.0107
35	.123E-05	.0009

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 -
WIND DIRECTION: 243 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.233E-05	.0017
2	.133E-03	.0961
3	.370E-04	.0267
4	.315E-05	.0023
5	.103E-05	.0007
6	.425E-03	.3065
7	.268E-03	.1928
8	.212E-04	.0153
9	.295E-05	.0021
10	.439E-03	.3165
12	.169E-03	.1215
13	.356E-04	.0257
14	.637E-05	.0046
15	.108E-04	.0078
16	.289E-05	.0021
17	.237E-03	.1707
18	.223E-03	.1604
19	.160E-03	.1150
20	.331E-04	.0238
21	.209E-05	.0015
22	.000E+00	.0000
23	.134E-07	.0000
24	.254E-03	.1832
25	.204E-03	.1473
26	.206E-04	.0148
27	.211E-05	.0015
28	.674E-06	.0005
29	.253E-03	.1821
30	.221E-03	.1594
31	.273E-04	.0197
32	.108E-05	.0008
33	.278E-06	.0002
34	.323E-05	.0023
35	.506E-05	.0036

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 - 41
WIND DIRECTION: 243 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0017
2	.0364
3	.0615
4	.0426
5	.0032
6	.3065
7	.2025
8	.1363
9	.0199
10	.3216
11	.0000
12	.1318
13	.0704
14	.0715
15	.0489
16	.0067
17	.1898
18	.1761
19	.1404
20	.0884
21	.0574
22	.0006
23	.0035
24	.1894
25	.2292
26	.0804
27	.0361
28	.0084
29	.1063
30	.1791
31	.0836
32	.0119
33	.0002
34	.0322
35	.0043

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 - 41
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0055
2	.1006
3	.2366
4	.1152
5	.0034
6	.3103
7	.3386
8	.4756
9	.0412
10	.3673
11	.0000
12	.2088
13	.2464
14	.1866
15	.1187
16	.0067
17	.2436
18	.2644
19	.2850
20	.2107
21	.0742
22	.0045
23	.0057
24	.2317
25	.3278
26	.1454
27	.0490
28	.0117
29	.2233
30	.2644
31	.1340
32	.0155
33	.0034
34	.0419
~~35~~	~~17.8557~~

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 - 41
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0055
2	.1006
3	.2546
4	.5093
5	.0304
6	.3171
7	.3472
8	.7686
9	.1643
10	.3854
11	.0000
12	.2613
13	.3461
14	.3139
15	.1889
16	.0204
17	.3983
18	.3603
19	.4055
20	.3990
21	.1839
22	.0045
23	.0057
24	.2612
25	.3737
26	.2495
27	.0862
28	.0117
29	.2539
30	.3300
31	.2173
32	.0155
33	.0355
34	.0601
~~35~~	~~14.0721~~

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 45 - 41
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0055
2	.1006
3	.2565
4	.7569
5	.1029
6	.3190
7	.3482
8	.8212
9	.2328
10	.3909
11	.0000
12	.2852
13	.3770
14	.3624
15	.2210
16	.0296
17	.3294
18	.3909
19	.4393
20	.4645
21	.2166
22	.0055
23	.0057
24	.2710
25	.3873
26	.2917
27	.1064
28	.0126
29	.2645
30	.3482
31	.2524
32	.0179
33	.0356
34	.0708
~~35~~	~~14.0332~~

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 42 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.276E-05	.0017
3	.330E-04	.0200
4	.919E-03	.5573
5	.112E-03	.0681
6	.670E-05	.0041
7	.485E-05	.0029
8	.197E-04	.0119
9	.869E-04	.0527
10	.227E-04	.0138
11	.586E-04	.0355
12	.570E-04	.0346
13	.438E-04	.0266
14	.192E-04	.0116
15	.127E-03	.0768
16	.178E-04	.0108
17	.137E-04	.0083
18	.213E-04	.0129
19	.243E-04	.0147
20	.453E-04	.0275
21	.218E-05	.0013
22	.557E-04	.0338
23	.533E-05	.0032
24	.280E-04	.0170
25	.127E-04	.0077
26	.392E-04	.0238
27	.598E-04	.0363
28	.383E-05	.0023
29	.411E-05	.0025
30	.109E-04	.0066
31	.401E-04	.0243
32	.803E-04	.0487
33	.168E-04	.0102
34	.682E-05	.0041
35		

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 42 -
WIND DIRECTION: 243 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.892E-06	.0003
2	.338E-06	.0001
3	.118E-05	.0004
4	.621E-04	.0237
5	.124E-03	.0472
6	.207E-05	.0008
7	.105E-05	.0004
8	.594E-05	.0023
9	.208E-04	.0079
10	.555E-05	.0021
11	.272E-04	.0103
12	.139E-04	.0053
13	.133E-04	.0050
14	.488E-05	.0019
15	.563E-04	.0214
16	.225E-04	.0086
17	.161E-04	.0061
18	.282E-04	.0108
19	.231E-04	.0088
20	.431E-04	.0164
21	.182E-05	.0007
22	.534E-04	.0203
23	.472E-05	.0018
24	.914E-05	.0035
25	.122E-04	.0046
26	.297E-04	.0113
27	.445E-04	.0169
28	.499E-05	.0019
29	.416E-05	.0016
30	.103E-04	.0039
31	.324E-04	.0123
32	.556E-04	.0212
33	.126E-04	.0048
34	.255E-05	.0010
35		

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 42 -
WIND DIRECTION: 243 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0093
2	.0018
3	.0295
4	.5810
5	.1152
6	.0049
7	.0033
8	.0142
9	.0606
10	.0159
11	.0000
12	.0459
13	.0399
14	.0316
15	.0135
16	.0982
17	.0194
18	.0144
19	.0236
20	.0235
21	.0435
22	.0020
23	.0541
24	.0050
25	.0294
26	.0123
27	.0351
28	.0532
29	.0042
30	.0041
31	.0106
32	.0366
33	.0699
34	.0150
35	.0051

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 -
WIND DIRECTION: 243 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.171E-05	.0007
2	.297E-05	.0011
3	.361E-05	.0014
4	.369E-04	.0141
5	.453E-03	.1725
6	.752E-05	.0029
7	.000E+00	.0000
8	.738E-05	.0028
9	.916E-04	.0349
10	.358E-04	.0136
11	.159E-03	.0604
12	.127E-03	.0484
13	.784E-04	.0298
14	.514E-04	.0196
15	.216E-04	.0082
16	.143E-03	.0544
17	.353E-04	.0134
18	.441E-04	.0168
19	.374E-04	.0142
20	.489E-04	.0186
21	.580E-04	.0221
22	.000E+00	.0000
23	.161E-03	.0613
24	.428E-05	.0016
25	.311E-04	.0118
26	.325E-04	.0124
27	.460E-04	.0175
28	.112E-03	.0425
29	.703E-05	.0027
30	.747E-05	.0028
31	.000E+00	.0000
32	.717E-04	.0273
33	.122E-03	.0464
34	.409E-04	.0156
35	.541E-05	.0021

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 -
WIND DIRECTION: 243 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
4	.500E-04	.0190
5	.247E-03	.0940
8	.151E-04	.0057
9	.135E-03	.0513
10	.478E-04	.0189
11	.172E-03	.0653
12	.144E-03	.0547
13	.109E-03	.0416
14	.675E-04	.0265
15	.442E-04	.0168
16	.188E-03	.0717
17	.529E-04	.0201
18	.594E-04	.0226
19	.550E-04	.0209
20	.689E-04	.0262
21	.817E-04	.0311
23	.269E-03	.1023
24	.283E-04	.0108
25	.405E-04	.0154
26	.477E-04	.0182
27	.592E-04	.0225
28	.167E-03	.0635
29	.145E-04	.0055
30	.124E-04	.0047
32	.108E-03	.0410
33	.213E-03	.0811
34	.480E-04	.0183
35	.871E-04	.0332

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 -
WIND DIRECTION: 243 DEG.

UNITS: 2
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.157E-07	.0000
2	.400E-06	.0002
3	.549E-06	.0002
4	.551E-05	.0021
5	.290E-04	.0110
6	.822E-06	.0003
7	.000E+00	.0000
8	.231E-05	.0009
9	.108E-03	.0411
10	.171E-04	.0065
11	.560E-04	.0213
12	.472E-04	.0180
13	.394E-04	.0150
14	.247E-04	.0094
15	.151E-04	.0058
16	.670E-04	.0255
17	.183E-04	.0070
18	.215E-04	.0082
19	.217E-04	.0083
20	.275E-04	.0105
21	.339E-04	.0129
22	.131E-05	.0005
23	.106E-03	.0405
24	.496E-05	.0019
25	.151E-04	.0057
26	.171E-04	.0065
27	.230E-04	.0088
28	.724E-04	.0276
29	.381E-05	.0014
30	.443E-05	.0017
31	.433E-04	.0165
32	.493E-04	.0188
33	.181E-04	.0069
34	.824E-06	.0003

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 -
WIND DIRECTION: 243 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.106E-07	.0000
2	.195E-05	.0007
3	.977E-04	.0352
4	.254E-03	.0917
5	.560E-04	.0202
6	.550E-05	.0020
8	.506E-05	.0018
7	.262E-05	.0009
8	.171E-03	.0615
9	.108E-03	.0390
10	.313E-04	.0113
11	.188E-03	.0679
12	.159E-03	.0573
13	.144E-03	.0520
14	.270E-03	.0973
15	.164E-03	.0590
16	.136E-03	.0490
17	.320E-04	.0115
18	.397E-04	.0143
19	.350E-04	.0126
20	.388E-04	.0140
21	.151E-03	.0545
22	.673E-05	.0024
23	.223E-03	.0803
24	.145E-04	.0052
25	.318E-04	.0115
26	.294E-04	.0106
27	.219E-03	.0790
28	.309E-03	.1112
29	.170E-04	.0061
30	.992E-05	.0036
31	.221E-03	.0798
32	.166E-03	.0598
33	.644E-04	.0232
34	.444E-05	.0016

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 - 42
WIND DIRECTION: 243 DEG.

UNITS: 10 3
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0003
2	.0008
3	.0357
4	.1153
5	.0674
6	.0026
7	.0013
8	.0637
9	.0469
10	.0134
11	.0679
12	.0676
13	.0573
14	.1023
15	.0609
16	.0705
17	.0201
18	.0204
19	.0234
20	.0228
21	.0709
22	.0031
23	.1006
24	.0070
25	.0149
26	.0152
27	.0903
28	.1281
29	.0080
30	.0052
31	.0039
32	.0921
33	.0810
34	.0280
35	.0026

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 - 42
WIND DIRECTION: 243 DEG.

UNITS: 10 3 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0010
2	.0020
3	.0370
4	.1294
5	.2399
6	.0055
7	.0013
8	.0665
9	.0817
10	.0270
11	.1283
12	.1161
13	.0971
14	.1219
15	.0691
16	.1248
17	.0335
18	.0372
19	.0376
20	.0414
21	.0930
22	.0031
23	.1619
24	.0087
25	.0268
26	.0276
27	.1079
28	.1707
29	.0107
30	.0080
31	.0039
32	.1194
33	.1273
34	.0435
35	.0046

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 - 42
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0010
2	.0020
3	.0370
4	.1484
5	.3339
6	.0055
7	.0013
8	.0723
9	.1331
10	.0460
11	.1936
12	.1708
13	.1287
14	.1484
15	.0859
16	.1965
17	.0537
18	.0599
19	.0585
20	.0676
21	.1241
22	.0031
23	.2642
24	.0194
25	.0422
26	.0458
27	.1304
28	.2341
29	.0162
30	.0127
31	.0039
32	.1604
33	.2084
34	.0618
35	.0378

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 46 - 42
WIND DIRECTION: 243 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0010
2	.0021
3	.0373
4	.1505
5	.3449
6	.0058
7	.0013
8	.0732
9	.1742
10	.0525
11	.2149
12	.1887
13	.1437
14	.1578
15	.0917
16	.2221
17	.0607
18	.0681
19	.0668
20	.0781
21	.1370
22	.0036
23	.3047
24	.0213
25	.0479
26	.0523
27	.1392
28	.2617
29	.0176
30	.0144
31	.0039
32	.1769
33	.2273
34	.0687
35	.0381

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 51 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.590E-06	.0010
2	.424E-05	.0069
3	.206E-04	.0333
4	.283E-03	.4574
5	.620E-03	1.0019
6	.796E-04	.1287
7	.809E-06	.0013
8	.122E-05	.0020
9	.214E-04	.0347
10	.195E-03	.3157
11	.238E-03	.3853
13	.231E-05	.0037
14	.222E-05	.0036
15	.796E-06	.0013
16	.607E-08	.0000
17	.119E-03	.1921
18	.193E-03	.3116
19	.357E-04	.0578
20	.385E-05	.0062
21	.709E-07	.0001
22	.000E+00	.0000
23	.579E-07	.0001
24	.651E-06	.0011
25	.100E-03	.1623
26	.809E-04	.1309
27	.224E-04	.0363
28	.638E-05	.0103
29	.239E-06	.0004
30	.475E-06	.0008

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 51 -
WIND DIRECTION: 333 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.472E-07	.0000
2	.570E-06	.0006
3	.315E-05	.0032
4	.833E-05	.0085
5	.123E-04	.0124
6	.168E-05	.0017
7	.000E+00	.0000
7	.223E-06	.0002
8	.183E-06	.0002
9	.168E-05	.0017
10	.944E-04	.0958
11	.686E-04	.0696
13	.240E-06	.0002
14	.907E-07	.0001
15	.419E-06	.0004
16	.123E-06	.0001
17	.533E-04	.0541
18	.134E-03	.1358
19	.296E-04	.0300
20	.102E-05	.0010
21	.532E-06	.0005
22	.211E-06	.0002
23	.204E-06	.0002
24	.627E-06	.0006
25	.740E-04	.0751
26	.582E-04	.0591
27	.122E-04	.0123
28	.188E-05	.0019
29	.672E-06	.0007
30	.290E-06	.0003

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 51 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0010
2	.0074
3	.0365
4	.4658
5	1.0143
6	.1305
7	.0015
8	.0022
9	.0364
10	.4115
11	.4548
12	.0000
13	.0040
14	.0037
15	.0017
16	.0001
17	.2462
18	.4474
19	.0878
20	.0073
21	.0007
22	.0002
23	.0003
24	.0017
25	.2374
26	.1225
27	.0486
28	.0122
29	.0011
30	.0011
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.191E-04	.0194
4	.841E-04	.0854
5	.110E-04	.0111
6	.000E+00	.0000
7	.000E+00	.0000
8	.651E-05	.0066
9	.325E-04	.0330
10	.354E-03	.3590
11	.341E-03	.3461
12	.175E-04	.0178
13	.000E+00	.0000
14	.132E-05	.0013
15	.000E+00	.0000
16	.000E+00	.0000
17	.128E-03	.1300
18	.214E-03	.2168
20	.293E-05	.0030
21	.000E+00	.0000
22	.000E+00	.0000
23	.225E+31	********
23	.000E+00	.0000
24	.854E-07	.0001
25	.158E-03	.1600
26	.182E-03	.1851
27	.367E-04	.0372
28	.173E-06	.0002
29	.000E+00	.0000
30	.000E+00	.0000
19	.208E-04	.0211

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
4	.462E-04	.0467
5	.429E-06	.0004
9	.672E-04	.0691
10	.158E-03	.1606
11	.442E-03	.4472
17	.175E-03	.1776
18	.298E-03	.3029
20	.324E-04	.0329
25	.252E-03	.2559
26	.323E-03	.3282
27	.658E-04	.0668
28	.181E-04	.0184
19	.254E-04	.0258

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.121E-04	.0123
2	.406E-05	.0041
3	.323E-05	.0033
4	.252E-04	.0256
5	.295E-05	.0030
6	.000E+00	.0000
7	.744E-06	.0008
8	.670E-05	.0068
9	.828E-04	.0841
10	.333E-04	.0336
11	.190E-03	.1924
12	.203E-05	.0021
13	.000E+00	.0000
14	.000E+00	.0000
15	.130E-05	.0013
16	.324E-05	.0033
17	.105E-03	.1068
18	.118E-03	.1202
19	.204E-05	.0021
20	.000E+00	.0000
21	.191E-06	.0002
22	.000E+00	.0000
23	.425E-05	.0043
24	.154E-03	.1562
25	.108E-03	.1097
26	.151E-04	.0153
27	.295E-05	.0030
28	.530E-05	.0054
19		

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.209E-04	.0201
2	.629E-05	.0060
3	.823E-05	.0079
4	.410E-04	.0394
5	.345E-03	.3314
6	.106E-04	.0102
7	.103E-05	.0010
8	.198E-05	.0019
9	.910E-05	.0087
10	.316E-03	.3033
11	.153E-03	.1469
12	.672E-04	.0646
13	.251E-04	.0241
14	.322E-06	.0003
15	.000E+00	.0000
16	.299E-06	.0003
17	.900E-04	.0864
18	.360E-03	.3457
20	.944E-05	.0091
21	.000E+00	.0000
22	.000E+00	.0000
23	.000E+00	.0000
24	.619E-06	.0006
25	.922E-04	.0885
26	.299E-03	.2873
27	.129E-03	.1243
28	.378E-04	.0363
29	.000E+00	.0000
30	.000E+00	.0000
19	.177E-03	.1699

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0291
2	.0066
3	.0111
4	.0478
5	.3438
6	.0119
7	.0012
8	.0021
9	.0195
10	.3991
11	.2165
12	.0646
13	.0244
14	.0004
15	.0004
16	.0004
17	.1495
18	.4815
19	.1999
20	.0101
21	.0005
22	.0002
23	.0002
24	.0012
25	.1636
26	.3464
27	.1367
28	.0382
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0291
2	.0066
3	.0393
4	.1333
5	.3330
6	.0119
7	.0012
8	.0087
9	.0433
10	.7582
11	.5626
12	.0824
13	.0244
14	.0017
15	.0004
16	.0004
17	.2705
18	.6982
19	.2210
20	.0131
21	.0005
22	.0002
23	.0002
24	.0013
25	.3236
26	.5314
27	.1729
28	.0384
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0201
2	.0066
3	.0305
4	.1802
5	.3554
6	.0119
7	.0012
8	.0087
9	.1036
10	.9187
11	1.0118
12	.0824
13	.0244
14	.0017
15	.0004
16	.0004
17	.4481
18	1.0012
19	.2469
20	.0460
21	.0005
22	.0002
23	.0002
24	.0013
25	.5795
26	.8597
27	.2407
28	.0568
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 55 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0324
2	.0107
3	.0337
4	.2058
5	.3584
6	.0119
7	.0020
8	.0155
9	.1077
10	.9525
11	1.2043
12	.0944
13	.0244
14	.0017
15	.0017
16	.0037
17	.5549
18	1.1214
19	.2522
20	.0480
21	.0005
22	.0004
23	.0002
24	.0056
25	.7357
26	.9693
27	.2559
28	.0598
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.622E-06	.0006
2	.501E-07	.0001
3	.218E-04	.0222
4	.376E-04	.0382
6	.151E-06	.0002
7	.126E-05	.0013
8	.432E-05	.0044
9	.138E-04	.0140
10	.199E-04	.0202
11	.339E-04	.0344
12	.618E-06	.0006
13	.365E-05	.0037
14	.000E+00	.0000
14	.146E-05	.0015
15	.252E-05	.0026
16	.411E-05	.0042
17	.000E+00	.0000
17	.783E-04	.0795
18	.582E-04	.0590
19	.770E-05	.0078
20	.344E-05	.0035
21	.121E-05	.0012
22	.260E-05	.0026
23	.146E-05	.0015
23	.000E+00	.0000
25	.132E-03	.1342
26	.463E-04	.0470
27	.000E+00	.0000
28	.293E-05	.0021
29	.274E-05	.0028
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
11	.218E-04	.0221
14	.151E-05	.0015
17	.112E-03	.1139
18	.887E-04	.0901
25	.168E-03	.1708
26	.634E-04	.0643

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.114E-06	.0001
3	.635E-06	.0006
4	.123E-05	.0012
6	.276E-07	.0000
7	.210E-05	.0021
9	.620E-05	.0063
10	.444E-05	.0045
11	.150E-04	.0153
12	.456E-06	.0005
13	.814E-06	.0008
14	.468E-06	.0005
15	.794E-06	.0008
16	.279E-05	.0028
17	.719E-04	.0730
18	.196E-04	.0199
19	.831E-06	.0008
21	.176E-06	.0002
22	.000E+00	.0000
23	.300E-06	.0003
23	.118E-05	.0012
25	.901E-04	.0915
26	.168E-04	.0170
27	.551E-07	.0001
28	.150E-06	.0002
29	.329E-06	.0003

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.130E-05	.0012
3	.536E-06	.0005
4	.254E-05	.0024
6	.000E+00	.0000
7	.000E+00	.0000
9	.390E-05	.0037
10	.633E-04	.0608
11	.636E-04	.0611
12	.548E-05	.0053
13	.146E-05	.0014
14	.000E+00	.0000
15	.000E+00	.0000
16	.122E-06	.0001
17	.896E-04	.0861
18	.283E-03	.2720
19	.914E-04	.0878
20	.141E-05	.0014
21	.000E+00	.0000
22	.000E+00	.0000
23	.000E+00	.0000
23	.474E-06	.0005
25	.935E-04	.0898
26	.142E-03	.1360
27	.342E-04	.0328
28	.554E-05	.0053
29	.445E-06	.0004
29	.162E-05	.0016
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 - 51
WIND DIRECTION: 333 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0006
3	.0037
4	.0109
5	.0124
6	.0017
7	.0002
8	.0002
9	.0055
10	.1566
11	.1308
12	.0053
13	.0016
14	.0001
15	.0004
16	.0002
17	.1401
18	.4078
19	.1178
20	.0024
21	.0005
22	.0002
23	.0007
24	.0006
25	.1649
26	.1951
27	.0451
28	.0072
29	.0022
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 - 51
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0019
2	.0006
3	.0259
4	.0491
5	.0124
6	.0019
7	.0015
8	.0046
9	.0194
10	.1768
11	.1651
12	.0059
13	.0054
14	.0016
15	.0030
16	.0044
17	.2176
18	.4668
19	.1256
20	.0039
21	.0018
22	.0028
23	.0007
24	.0006
25	.2771
26	.2421
27	.0451
28	.0093
29	.0050
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 - 51
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0019
2	.0006
3	.0259
4	.0491
5	.0124
6	.0019
7	.0015
8	.0046
9	.0194
10	.1768
11	.1873
12	.0059
13	.0054
14	.0031
15	.0030
16	.0044
17	.3335
18	.5569
19	.1256
20	.0059
21	.0018
22	.0028
23	.0007
24	.0006
25	.4699
26	.3064
27	.0451
28	.0093
29	.0050
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 59 - 51
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0020
2	.0006
3	.0265
4	.0503
5	.0124
6	.0019
7	.0036
8	.0046
9	.0257
10	.1813
11	.2023
12	.0064
13	.0062
14	.0036
15	.0038
16	.0072
17	.4063
18	.5769
19	.1263
20	.0039
21	.0020
22	.0028
23	.0019
24	.0006
25	.5614
26	.3233
27	.0452
28	.0094
29	.0053
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.127E-05	.0013
2	.192E-06	.0002
3	.135E-04	.0137
4	.336E-04	.0341
5	.357E-05	.0036
6	.429E-05	.0044
7	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.353E-06	.0004
2	.368E-06	.0004
3	.144E-05	.0015
4	.106E-05	.0011
5	.000E+00	.0000
7	.296E-06	.0003

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.602E-08	.0000
2	.000E+00	.0000
3	.000E+00	.0000
4	.657E-06	.0006
5	.513E-06	.0005
6	.304E-06	.0003
7	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0001
2	.0006
3	.0032
4	.0091
5	.0129
6	.0020
7	.0002
8	.0002
9	.0017
10	.0958
11	.0696
12	.0000
13	.0002
14	.0001
15	.0004
16	.0001
17	.0541
18	.1358
19	.0300
20	.0010
21	.0005
22	.0002
23	.0002
24	.0006
25	.0751
26	.0591
27	.0123
28	.0019
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0008
3	.0169
4	.0432
5	.0166
6	.0064
7	.0002
8	.0002
9	.0017
10	.0958
11	.0696
12	.0000
13	.0002
14	.0001
15	.0004
16	.0001
17	.0541
18	.1358
19	.0300
20	.0010
21	.0005
22	.0002
23	.0002
24	.0006
25	.0751
26	.0591
27	.0123
28	.0019
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0008
3	.0169
4	.0432
5	.0166
6	.0064
7	.0002
8	.0002
9	.0017
10	.0958
11	.0696
12	.0000
13	.0002
14	.0001
15	.0004
16	.0001
17	.0541
18	.1358
19	.0300
20	.0010
21	.0005
22	.0002
23	.0002
24	.0006
25	.0751
26	.0591
27	.0123
28	.0019
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 61 - 51
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0017
2	.0011
3	.0184
4	.0443
5	.0166
6	.0064
7	.0005
8	.0002
9	.0017
10	.0958
11	.0696
12	.0000
13	.0002
14	.0001
15	.0004
16	.0001
17	.0541
18	.1358
19	.0300
20	.0010
21	.0005
22	.0002
23	.0002
24	.0006
25	.0751
26	.0591
27	.0123
28	.0019
29	.0007
30	.0003
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 52 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.245E-04	.0198
2	.133E-04	.0107
3	.252E-03	.2039
4	.112E-02	.9064
5	.241E-03	.1950
6	.218E-03	.1765
8	.373E-04	.0302
9	.200E-03	.1615
10	.604E-03	.4887
11	.519E-03	.4197
12	.150E-03	.1215
13	.284E-04	.0230
14	.193E-05	.0016
15	.000E+00	.0000
16	.237E-05	.0019
17	.205E-03	.1659
18	.331E-03	.2676
19	.970E-04	.0784
20	.374E-04	.0302
21	.101E-05	.0008
22	.349E-06	.0003
23	.766E-06	.0006
24	.295E-05	.0024
25	.150E-03	.1211
26	.151E-03	.1225
27	.337E-04	.0273
28	.585E-05	.0047
29	.198E-06	.0002
30	.114E-05	.0009

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 52 -
WIND DIRECTION: 333 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.543E-06	.0003
3	.000E+00	.0000
4	.291E-04	.0148
5	.999E-06	.0005
6	.816E-06	.0004
8	.925E-06	.0005
9	.200E-04	.0102
10	.394E-03	.2002
11	.258E-03	.1309
12	.105E-03	.0534
13	.967E-05	.0049
14	.000E+00	.0000
15	.417E-07	.0000
16	.000E+00	.0000
17	.104E-03	.0526
18	.366E-03	.1859
19	.691E-04	.0351
20	.256E-04	.0130
21	.475E-06	.0002
22	.000E+00	.0000
23	.000E+00	.0000
24	.131E-05	.0007
25	.710E-04	.0360
26	.144E-03	.0729
27	.238E-04	.0121
28	.320E-05	.0016
29	.000E+00	.0000
30	.228E-06	.0001

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 52 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0198
2	.0110
3	.2039
4	.9211
5	.1955
6	.1769
7	.0000
8	.0306
9	.1717
10	.6289
11	.5596
12	.1748
13	.0279
14	.0016
15	.0000
16	.0019
17	.2155
18	.4535
19	.1135
20	.0432
21	.0011
22	.0003
23	.0006
24	.0031
25	.1571
26	.1954
27	.0393
28	.0064
29	.0002
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.627E-06	.0003
3	.222E-04	.0113
4	.900E-04	.0457
5	.140E-05	.0007
6	.000E+00	.0000
7	.000E+00	.0000
8	.986E-05	.0050
9	.970E-04	.0492
10	.435E-03	.2208
11	.493E-03	.2504
12	.288E-04	.0146
13	.717E-05	.0036
14	.000E+00	.0000
15	.339E-05	.0017
16	.000E+00	.0000
17	.237E-03	.1205
18	.409E-03	.2076
19	.248E-04	.0126
20	.266E-04	.0135
21	.242E-06	.0001
22	.000E+00	.0000
23	.157E-05	.0008
24	.000E+00	.0000
25	.264E-03	.1342
26	.847E-04	.0430
27	.000E+00	.0000
27	.814E-04	.0413
28	.298E-05	.0015
29	.196E-05	.0010
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
4	.659E-04	.0334
9	.215E-03	.1090
10	.426E-03	.2162
11	.890E-03	.4515
12	.258E-04	.0131
13	.892E-05	.0045
17	.466E-03	.2364
18	.574E-03	.2911
19	.177E-04	.0090
20	.341E-04	.0173
23	.588E-05	.0030
25	.569E-03	.2889
26	.179E-03	.0910
27	.919E-04	.0467
29	.102E-04	.0052

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.285E-06	.0001
2	.543E-06	.0003
3	.235E-05	.0012
4	.117E-04	.0059
5	.165E-05	.0008
6	.933E-06	.0005
7	.293E-06	.0001
8	.112E-04	.0057
9	.277E-03	.1407
10	.108E-03	.0548
11	.340E-03	.1728
12	.100E-04	.0051
13	.302E-05	.0015
14	.340E-06	.0002
15	.117E-05	.0006
16	.352E-05	.0018
17	.327E-03	.1658
18	.228E-03	.1159
19	.616E-05	.0031
20	.156E-04	.0079
21	.104E-05	.0005
22	.159E-06	.0001
23	.988E-06	.0005
24	.508E-05	.0003
25	.336E-03	.1705
26	.751E-04	.0381
27	.387E-04	.0197
28	.221E-05	.0011
29	.150E-05	.0008
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.281E-03	.0912
2	.420E-06	.0002
3	.778E-04	.0374
4	.483E-03	.2331
5	.320E-03	.1537
6	.280E-03	.1346
7	.274E-05	.0013
8	.516E-04	.0248
9	.197E-03	.0947
10	.865E-03	.4153
11	.657E-03	.3157
12	.279E-03	.1338
13	.802E-04	.0385
14	.330E-05	.0016
15	.546E-06	.0003
16	.425E-05	.0020
17	.185E-03	.0890
18	.666E-03	.3198
19	.192E-03	.0924
20	.633E-04	.0304
21	.699E-06	.0003
22	.000E+00	.0000
23	.000E+00	.0000
24	.151E-05	.0007
25	.241E-03	.1156
26	.160E-03	.0770
27	.208E-03	.0998
28	.153E-04	.0074
29	.986E-05	.0047
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0005
3	.0374
4	.2478
5	.1542
6	.1350
7	.0013
8	.0252
9	.1049
10	.6155
11	.4466
12	.1872
13	.0434
14	.0016
15	.0003
16	.0020
17	.1416
18	.5056
19	.1275
20	.0434
21	.0006
22	.0000
23	.0000
24	.0014
25	.1517
26	.1499
27	.1118
28	.0090
29	.0047
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0008
3	.0486
4	.2935
5	.1549
6	.1350
7	.0013
8	.0302
9	.1541
10	.8364
11	.6970
12	.2018
13	.0471
14	.0016
15	.0020
16	.0020
17	.2621
18	.7133
19	.1401
20	.0569
21	.0007
22	.0000
23	.0008
24	.0014
25	.2858
26	.1929
27	.1532
28	.0105
29	.0057
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0012
2	.0008
3	.0486
4	.3270
5	.1549
6	.1350
7	.0013
8	.0302
9	.2632
10	1.0523
11	1.1485
12	.2149
13	.0516
14	.0016
15	.0020
16	.0020
17	.4985
18	1.0044
19	.1491
20	.0742
21	.0007
22	.0000
23	.0038
24	.0014
25	.5748
26	.2840
27	.1998
28	.0105
29	.0109
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 56 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0013
2	.0011
3	.0498
4	.3329
5	.1558
6	.1355
7	.0015
8	.0359
9	.4038
10	1.1074
11	1.3213
12	.2200
13	.0531
14	.0018
15	.0026
16	.0038
17	.6643
18	1.1203
19	.1523
20	.0821
21	.0012
22	.0001
23	.0043
24	.0016
25	.7453
26	.3221
27	.2195
28	.0116
29	.0117
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.144E-05	.0007
2	.802E-06	.0004
3	.199E-04	.0101
4	.435E-04	.0221
5	.830E-05	.0042
6	.357E-05	.0018
7	.000E+00	.0000
7	.169E-05	.0009
8	.251E-05	.0013
9	.679E-06	.0003
10	.123E-03	.0625
11	.887E-04	.0450
12	.306E-05	.0016
13	.309E-05	.0016
14	.506E-07	.0000
15	.000E+00	.0000
16	.000E+00	.0000
17	.000E+00	.0000
17	.123E-03	.0625
18	.201E-03	.1019
19	.253E-04	.0129
20	.299E-04	.0152
21	.247E-05	.0013
22	.000E+00	.0000
23	.823E-06	.0004
24	.000E+00	.0000
25	.125E-03	.0636
26	.611E-04	.0310
27	.476E-04	.0241
28	.343E-06	.0002
29	.572E-06	.0003
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
9	.890E-05	.0045
10	.110E-03	.0557
11	.995E-04	.0505
16	.207E-05	.0011
17	.178E-03	.0902
18	.227E-03	.1153
19	.321E-05	.0016
19	.139E-05	.0007
20	.294E-04	.0149
25	.227E-03	.1152
26	.111E-03	.0566
27	.541E-04	.0275

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 -
WIND DIRECTION: 333 DEG.

UNITS: 9
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.985E-06	.0005
2	.000E+00	.0000
3	.190E-05	.0010
4	.292E-05	.0015
5	.137E-05	.0007
6	.737E-07	.0000
7	.467E-05	.0024
8	.483E-06	.0002
9	.797E-05	.0040
10	.439E-04	.0223
11	.371E-04	.0188
13	.150E-05	.0008
14	.102E-05	.0005
15	.192E-05	.0010
16	.000E+00	.0000
17	.915E-04	.0465
18	.636E-04	.0323
19	.139E-05	.0007
20	.149E-04	.0076
21	.146E-05	.0007
24	.557E-05	.0028
25	.145E-03	.0737
26	.344E-04	.0175
27	.177E-04	.0090
28	.783E-06	.0004
29	.138E-06	.0001
30	.560E-06	.0003

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.226E-05	.0011
2	.903E-06	.0004
3	.516E-05	.0025
4	.335E-04	.0161
5	.127E-03	.0610
6	.745E-04	.0358
7	.000E+00	.0000
8	.236E-05	.0011
9	.682E-05	.0033
10	.569E-03	.2732
11	.190E-03	.0911
12	.250E-04	.0120
13	.217E-04	.0104
14	.225E-05	.0011
15	.000E+00	.0000
16	.000E+00	.0000
16	.553E-05	.0027
17	.174E-03	.0834
18	.568E-03	.2729
19	.168E-03	.0805
20	.827E-04	.0397
21	.222E-05	.0011
22	.000E+00	.0000
23	.173E-05	.0008
24	.121E-05	.0006
25	.210E-03	.1009
26	.175E-03	.0839
27	.164E-03	.0788
28	.184E-04	.0088
29	.512E-06	.0002
30	.678E-06	.0003
30	.467E-05	.0022

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0011
2	.0007
3	.0025
4	.0308
5	.0615
6	.0362
7	.0000
8	.0016
9	.0134
10	.4734
11	.2229
12	.0654
13	.0133
14	.0011
15	.0000
16	.0027
17	.1360
18	.4388
19	.1156
20	.0527
21	.0013
22	.0000
23	.0008
24	.0012
25	.1379
26	.1568
27	.0909
28	.0104
29	.0002
30	.0024
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0018
2	.0011
3	.0126
4	.0529
5	.0657
6	.0380
7	.0009
8	.0029
9	.0138
10	.5359
11	.2671
12	.0669
13	.0169
14	.0011
15	.0000
16	.0027
17	.1986
18	.5697
19	.1285
20	.0679
21	.0026
22	.0000
23	.0012
24	.0012
25	.2006
26	.1878
27	.1150
28	.0196
29	.0005
30	.0024
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 - 52
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0011
3	.0126
4	.0329
5	.0037
6	0380
7	.0009
8	0023
9	.0183
10	.5917
11	.3176
12	0669
13	0169
14	0011
15	.0000
16	0037
17	.2999
18	.6760
19	.1292
20	0828
21	0025
22	0000
23	0012
24	.0012
25	3158
26	2444
27	.1425
28	.0106
29	.0005
30	0024
31	0000
32	0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 60 - 52
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0023
2	.0011
3	.0135
4	.0544
5	.0664
6	.0381
7	.0032
8	.0031
9	.0224
10	.6139
11	.3364
12	.0669
13	.0176
14	.0016
15	.0010
16	.0037
17	.3353
18	.7083
19	.1299
20	.0903
21	.0033
22	.0000
23	.0012
24	.0041
25	.3895
26	.2619
27	.1515
28	.0110
29	.0006
30	.0026
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.170E-05	.0009
2	.303E-05	.0015
3	.180E-04	.0091
4	.321E-04	.0163
5	.120E-04	.0061
6	.334E-05	.0017
7	.000E+00	.0000
8	.449E-05	.0023
9	.930E-05	.0047
10	.275E-04	.0139
11	.166E-04	.0084
12	.407E-05	.0021
13	.397E-05	.0020
14	.373E-05	.0019
15	.556E-05	.0028
16	.698E-07	.0000
17	.229E-04	.0116
18	.158E-03	.0801
19	.115E-04	.0058
20	.194E-04	.0098
21	.578E-05	.0029
22	.000E+00	.0000
23	.434E-05	.0022
24	.000E+00	.0000
25	.501E-04	.0255
26	.498E-04	.0253
27	.207E-05	.0011
28	.325E-05	.0016
29	.592E-05	.0030
30	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
17	.369E-04	.0188
18	.952E-04	.0483
20	.632E-05	.0032
25	.513E-04	.0260
26	.134E-03	.0679
27	.149E-04	.0076

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.338E-05	.0017
3	.200E-05	.0010
4	.138E-05	.0007
5	.336E-06	.0002
6	.123E-05	.0006
8	.298E-05	.0015
9	.000E+00	.0000
10	.000E+00	.0000
11	.318E-05	.0016
12	.850E-05	.0043
13	.666E-07	.0000
14	.131E-05	.0007
15	.992E-06	.0005
16	.115E-06	.0001
17	.448E-04	.0227
18	.231E-04	.0117
19	.339E-05	.0017
20	.293E-05	.0015
21	.114E-05	.0006
22	.348E-06	.0002
23	.000E+00	.0000
24	.286E-04	.0145
25	.311E-04	.0158
26	.595E-05	.0030
27	.914E-06	.0005
28	.364E-05	.0019
29	.164E-05	.0008

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
2	.000E+00	.0000
3	.461E-06	.0002
4	.391E-05	.0019
5	.253E-05	.0012
6	.413E-05	.0020
7	.000E+00	.0000
8	.487E-05	.0023
9	.000E+00	.0000
10	.186E-03	.0894
11	.673E-04	.0323
12	.378E-04	.0182
13	.235E-05	.0011
14	.370E-05	.0018
15	.175E-06	.0001
16	.155E-05	.0007
17	.625E-04	.0300
18	.376E-03	.1805
19	.178E-03	.0856
20	.523E-04	.0251
21	.000E+00	.0000
22	.740E-07	.0000
23	.000E+00	.0000
24	.125E-03	.0599
25	.157E-03	.0755
26	.761E-04	.0365
27	.548E-05	.0026
28	.000E+00	.0000
29	.845E-05	.0041
30	.278E-07	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 - 52
WIND DIRECTION: 333 DEG.

UNITS: 10 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0000
2	.0003
3	.0002
4	.0166
5	.0017
6	.0024
7	.0000
8	.0028
9	.0102
10	.2896
11	.1632
12	.0715
13	.0060
14	.0018
15	.0001
16	.0007
17	.0026
18	.3663
19	.1206
20	.0381
21	.0002
22	.0000
23	.0000
24	.0007
25	.0959
26	.1485
27	.0486
28	.0043
29	.0041
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 - 52
WIND DIRECTION: 333 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0009
2	.0018
3	.0093
4	.0329
5	.0078
6	.0041
7	.0000
8	.0051
9	.0149
10	.3035
11	.1717
12	.0736
13	.0081
14	.0037
15	.0029
16	.0008
17	.0943
18	.4464
19	.1265
20	.0480
21	.0032
22	.0000
23	.0022
24	.0007
25	.1214
26	.1738
27	.0497
28	.0059
29	.0071
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0009
2	.0018
3	.0093
4	.0329
5	.0078
6	.0041
7	.0000
8	.0051
9	.0149
10	.3035
11	.1717
12	.0736
13	.0081
14	.0037
15	.0029
16	.0008
17	.1130
18	.4948
19	.1265
20	.0512
21	.0032
22	.0000
23	.0022
24	.0007
25	.1474
26	.2417
27	.0572
28	.0059
29	.0071
30	.0001
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 62 - 52
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0009
2	.0035
3	.0104
4	.0336
5	.0080
6	.0047
7	.0000
8	.0066
9	.0149
10	.3035
11	.1733
12	.0779
13	.0081
14	.0043
15	.0034
16	.0008
17	.1357
18	.5065
19	.1282
20	.0527
21	.0038
22	.0000
23	.0024
24	.0007
25	.1629
26	.2574
27	.0602
28	.0064
29	.0087
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 53 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.634E-05	.0077
2	.297E-05	.0036
3	.350E-03	.4242
4	.355E-03	.4301
5	.117E-02	1.4132
6	.169E-03	.2055
7	.186E-04	.0225
8	.204E-04	.0247
9	.139E-03	.1690
10	.400E-03	.4854
11	.252E-03	.3062
12	.916E-04	.1110
13	.286E-04	.0347
14	.502E-05	.0061
15	.114E-05	.0014
16	.999E-06	.0012
17	.856E-04	.1038
18	.271E-03	.3289
19	.116E-03	.1405
20	.318E-04	.0386
21	.792E-06	.0010
22	.868E-07	.0001
23	.300E-06	.0004
24	.893E-06	.0011
25	.104E-03	.1262
26	.193E-03	.2341
27	.485E-04	.0588
28	.791E-05	.0096
29	.787E-06	.0010
30	.567E-06	.0007

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 53 -
WIND DIRECTION: 333 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.787E-07	.0001
2	.501E-06	.0004
3	.272E-05	.0021
4	.573E-05	.0044
5	.360E-04	.0274
6	.434E-05	.0033
7	.254E-06	.0002
8	.508E-06	.0004
9	.149E-04	.0114
10	.144E-03	.1095
11	.557E-04	.0424
12	.112E-04	.0085
13	.101E-05	.0008
14	.000E+00	.0000
15	.149E-06	.0001
16	.261E-06	.0002
17	.176E-04	.0134
18	.189E-03	.1442
19	.623E-04	.0475
20	.142E-04	.0108
21	.163E-06	.0001
22	.234E-06	.0002
23	.517E-07	.0000
24	.327E-06	.0002
25	.368E-04	.0280
26	.127E-03	.0970
27	.262E-04	.0200
28	.357E-05	.0027
29	.805E-06	.0006
30	.369E-06	.0003

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 53 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0077
2	.0040
3	.4263
4	.4345
5	1.4406
6	.2088
7	.0227
8	.0251
9	.1804
10	.5949
11	.3485
12	.1195
13	.0355
14	.0061
15	.0015
16	.0014
17	.1172
18	.4731
19	.1880
20	.0494
21	.0011
22	.0003
23	.0004
24	.0013
25	.1542
26	.3312
27	.0787
28	.0123
29	.0016
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.939E-07	.0001
2	.148E-05	.0011
3	.190E-04	.0145
4	.357E-04	.0272
5	.413E-05	.0031
6	.259E-05	.0020
7	.720E-06	.0005
8	.447E-05	.0034
9	.693E-04	.0528
10	.241E-03	.1831
11	.417E-03	.3172
12	.333E-04	.0254
13	.592E-06	.0005
14	.000E+00	.0000
15	.898E-06	.0007
16	.763E-06	.0006
17	.242E-03	.1842
18	.229E-03	.1747
19	.655E-05	.0050
20	.168E-05	.0013
21	.000E+00	.0000
22	.000E+00	.0000
23	.193E-03	.0015
24	.196E-04	.0149
25	.176E-03	.1341
26	.459E-04	.0349
27	.315E-05	.0024
28	.324E-06	.0002
29	.138E-05	.0011
30	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
9	.126E-03	.0960
10	.158E-03	.1204
11	.456E-03	.3470
12	.208E-04	.0159
17	.486E-03	.3703
18	.269E-03	.2049
24	.407E-04	.0310
25	.206E-03	.1571
26	.473E-04	.0360
27	.849E-05	.0065

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.258E-06	.0002
3	.216E-05	.0016
4	.316E-05	.0024
5	.000E+00	.0000
7	.199E-06	.0002
8	.249E-05	.0019
9	.157E-03	.1199
10	.595E-04	.0453
11	.332E-03	.2527
12	.783E-05	.0060
13	.412E-06	.0003
15	.323E-06	.0002
16	.342E-05	.0026
17	.281E-03	.2142
18	.802E-04	.0611
19	.179E-05	.0014
20	.598E-06	.0005
21	.327E-07	.0000
23	.360E-06	.0003
24	.257E-04	.0295
25	.635E-04	.0483
26	.212E-04	.0162
27	.417E-05	.0032
28	.000E+00	.0000
29	.266E-05	.0020
30	.474E-06	.0004

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.196E-05	.0014
2	.173E-05	.0012
3	.398E-04	.0287
4	.103E-03	.0740
5	.927E-04	.0668
6	.331E-04	.0238
7	.753E-06	.0005
8	.305E-05	.0022
9	.413E-04	.0298
10	.427E-03	.3074
11	.258E-03	.1855
12	.180E-03	.1300
13	.356E-04	.0256
14	.119E-06	.0001
15	.511E-06	.0004
16	.524E-06	.0004
17	.193E-03	.1374
18	.471E-03	.3391
19	.123E-03	.0886
20	.115E-04	.0083
21	.933E-06	.0007
23	.177E-06	.0001
24	.829E-05	.0060
25	.433E-03	.3121
26	.155E-03	.1115
27	.695E-04	.0500
28	.417E-05	.0030
29	.259E-06	.0002
30	.414E-06	.0003

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 - 53
WIND DIRECTION: 333 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0016
3	.0307
4	.0784
5	.0941
6	.0271
7	.0007
8	.0026
9	.0411
10	.4167
11	.2279
12	.1383
13	.0264
14	.0001
15	.0005
16	.0006
17	.1528
18	.4834
19	.1361
20	.0191
21	.0008
22	.0002
23	.0002
24	.0062
25	.3401
26	.2083
27	.0700
28	.0057
29	.0008
30	.0006
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 - 53
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0028
3	.0452
4	.1056
5	.0973
6	.0291
7	.0013
8	.0060
9	.0939
10	.6000
11	.3452
12	.1638
13	.0265
14	.0001
15	.0012
16	.0012
17	.3370
18	.6581
19	.1411
20	.0204
21	.0008
22	.0002
23	.0016
24	.0211
25	.4742
26	.2435
27	.0724
28	.0060
29	.0019
30	.0006
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 - 53
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0028
3	.0452
4	.1056
5	.0973
6	.0291
7	.0013
8	.0060
9	.1899
10	.7204
11	.8921
12	.1797
13	.0269
14	.0001
15	.0012
16	.0012
17	.7073
18	.8630
19	.1411
20	.0204
21	.0005
22	.0002
23	.0016
24	.0521
25	.6313
26	.2795
27	.0789
28	.0060
29	.0019
30	.0006
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 57 - 53
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0030
3	.0469
4	.1080
5	.0973
6	.0291
7	.0014
8	.0079
9	.3098
10	.7657
11	1.1449
12	.1857
13	.0272
14	.0001
15	.0014
16	.0038
17	.9215
18	.9241
19	.1424
20	.0209
21	.0008
22	.0002
23	.0019
24	.0726
25	.6796
26	.2957
27	.0821
28	.0060
29	.0039
30	.0009
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 54 -
WIND DIRECTION: 333 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.938E-04	.0569
2	.892E-04	.0541
3	.476E-03	.2888
4	.134E-02	.8127
5	.159E-02	.9628
6	.336E-03	.2034
7	.222E-04	.0134
8	.673E-04	.0408
9	.288E-03	.1744
10	.600E-03	.3638
11	.612E-03	.3711
12	.117E-03	.0706
13	.674E-05	.0041
14	.147E-05	.0009
15	.130E-05	.0008
16	.831E-05	.0050
17	.216E-03	.1309
18	.306E-03	.1854
19	.590E-04	.0358
20	.288E-04	.0175
21	.765E-06	.0005
22	.161E-05	.0010
23	.230E-05	.0014
24	.394E-05	.0024
25	.200E-03	.1213
26	.246E-03	.1493
27	.553E-04	.0335
28	.145E-05	.0009
29	.175E-05	.0011

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 54 -
WIND DIRECTION: 333 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.721E-06	.0004
2	.532E-05	.0020
3	.563E-04	.0214
4	.104E-03	.0395
5	.123E-03	.0477
6	.417E-05	.0016
7	.103E-05	.0004
8	.388E-04	.0148
9	.944E-04	.0359
10	.419E-03	.1596
11	.311E-03	.1184
12	.638E-04	.0243
13	.199E-05	.0008
14	.103E-05	.0004
15	.152E-05	.0006
16	.435E-05	.0017
17	.929E-04	.0354
18	.266E-03	.1013
19	.310E-04	.0118
20	.141E-04	.0054
21	.164E-05	.0006
22	.153E-05	.0006
23	.151E-05	.0006
24	.249E-05	.0009
25	.108E-03	.0410
26	.219E-03	.0834
27	.333E-04	.0127
28	.894E-06	.0003
29	.189E-05	.0007

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 54 -
WIND DIRECTION: 333 DEG

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0572
2	.0561
3	.3192
4	.8522
5	1.0194
6	.2050
7	.0138
8	.0556
9	.2104
10	.5234
11	.4895
12	.0950
13	.0048
14	.0013
15	.0014
16	.0067
17	.1662
18	.2867
19	.0476
20	.0229
21	.0011
22	.0016
23	.0020
24	.0033
25	.1622
26	.2327
27	.0462
28	.0000
29	.0012
30	.0018
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 -
WIND DIRECTION: 333 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.261E-06	.0001
2	.505E-05	.0019
3	.888E-04	.0338
4	.187E-03	.0713
5	.518E-04	.0197
6	.523E-06	.0002
7	.000E+00	.0000
8	.983E-05	.0037
9	.453E-04	.0172
10	.504E-03	.1918
11	.280E-03	.1065
12	.593E-04	.0226
13	.000E+00	.0000
14	.558E-05	.0021
15	.872E-05	.0033
16	.367E-05	.0014
17	.167E-03	.0636
18	.517E-03	.1969
19	.429E-04	.0163
20	.451E-04	.0172
21	.840E-05	.0032
22	.000E+00	.0000
23	.460E-05	.0018
24	.150E-05	.0006
25	.196E-03	.0745
26	.371E-03	.1413
27	.104E-03	.0395
28	.109E-04	.0041
29	.286E-05	.0011
30	.000E+00	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 -
WIND DIRECTION: 333 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
3	.485E-04	.0185
4	.213E-03	.0810
9	.126E-03	.0480
10	.721E-03	.2743
11	.690E-03	.2628
12	.398E-04	.0152
17	.400E-03	.1524
18	.719E-03	.2737
19	.459E-04	.0175
20	.153E-03	.0583
21	.380E-04	.0145
25	.434E-03	.1651
26	.611E-03	.2326
27	.185E-03	.0703
29	.329E-05	.0013

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 -
WIND DIRECTION: 333 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.441E-05	.0017
3	.308E-05	.0012
4	.000E+00	.0000
5	.236E-05	.0009
6	.347E-05	.0013
7	.877E-04	.0334
8	.207E-03	.0787
9	.362E-03	.1378
10	.117E-04	.0044
11	.000E+00	.0000
12	.661E-06	.0003
13	.154E-05	.0006
14	.995E-05	.0038
15	.201E-03	.0764
16	.272E-03	.1034
17	.102E-04	.0039
18	.193E-04	.0074
19	.317E-07	.0000
20	.204E-05	.0008
21	.000E+00	.0000
22	.158E-05	.0006
23	.194E-03	.0739
24	.232E-03	.0883
25	.528E-04	.0201
26	.177E-05	.0007
27	.788E-06	.0003
28	.327E-07	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 -
WIND DIRECTION: 333 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.967E-06	.0003
2	.435E-05	.0016
3	.119E-03	.0428
4	.499E-03	.1798
5	.220E-02	.7941
6	.413E-03	.1488
7	.000E+00	.0000
8	.601E-05	.0022
9	.883E-04	.0318
10	.109E-02	.3930
11	.373E-03	.1344
12	.299E-03	.1076
13	.530E-04	.0191
14	.467E-04	.0168
15	.933E-07	.0000
16	.000E+00	.0000
17	.137E-03	.0492
18	.766E-03	.2760
19	.338E-03	.1219
20	.108E-03	.0389
21	.108E-05	.0004
22	.000E+00	.0000
23	.000E+00	.0000
24	.000E+00	.0000
25	.159E-03	.0571
26	.543E-03	.1957
27	.237E-03	.0852
28	.858E-04	.0309
29	.229E-05	.0008
30	.676E-06	.0002

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO 58 - 54
WIND DIRECTION: 333 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0007
2	.0036
3	.0642
4	.2192
5	.8417
6	.1504
7	.0004
8	.0169
9	.0678
10	.5526
11	.2528
12	.1319
13	.0199
14	.0172
15	.0006
16	.0017
17	.0846
18	.3773
19	.1337
20	.0442
21	.0010
22	.0006
23	.0006
24	.0009
25	.0981
26	.2791
27	.0979
28	.0309
29	.0012
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 - 54
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0008
2	.0055
3	.0981
4	.2206
5	.8614
6	.1506
7	.0004
8	.0207
9	.0850
10	.7444
11	.3593
12	.1544
13	.0199
14	.0193
15	.0039
16	.0031
17	.1482
18	.5742
19	.1500
20	.0614
21	.0042
22	.0006
23	.0023
24	.0015
25	.1726
26	.4204
27	.1374
28	.0350
29	.0023
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 - 54
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0008
2	.0055
3	.1165
4	.3716
5	.8614
6	.1506
7	.0004
8	.0207
9	.1330
10	1.0187
11	.6221
12	.1696
13	.0199
14	.0193
15	.0039
16	.0031
17	.3006
18	.8479
19	.1675
20	.1197
21	.0187
22	.0006
23	.0023
24	.0015
25	.3378
26	.6530
27	.2078
28	.0359
29	.0035
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

-- KAHE POWER PLANT MODEL STUDY --

CONCENTRATION DATA FOR RUN NO. 58 - 54
WIND DIRECTION: 333 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0008
2	.0072
3	.1177
4	.3716
5	.8614
6	.1515
7	.0004
8	.0220
9	.1664
10	1.0974
11	.7599
12	.1740
13	.0199
14	.0196
15	.0045
16	.0068
17	.3770
18	.9513
19	.1714
20	.1271
21	.0187
22	.0014
23	.0023
24	.0021
25	.4116
26	.7413
27	.2279
28	.0357
29	.0038
30	.0010
31	.0000
32	.0000
33	.0000
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 63 -
WIND DIRECTION: 0 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.102E-05	.0010
2	.655E-06	.0007
3	.610E-06	.0006
4	.151E-05	.0015
5	.487E-05	.0049
6	.528E-06	.0005
7	.631E-06	.0006
8	.191E-05	.0019
9	.150E-05	.0015
10	.979E-06	.0010
11	.772E-05	.0078
12	.221E-06	.0002
13	.696E-06	.0007
14	.221E-05	.0022
15	.311E-04	.0316
16	.525E-05	.0053
33	.347E-04	.0352
18	.907E-06	.0009
19	.113E-05	.0012
20	.318E-05	.0032
21	.402E-04	.0408
22	.867E-04	.0880
23	.194E-04	.0197
24	.125E-05	.0013
25	.764E-06	.0008
26	.158E-05	.0016
27	.252E-05	.0026
28	.685E-05	.0070
29	.839E-06	.0009
30	.298E-05	.0030
31	.253E-04	.0257
32	.600E-05	.0061

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 63 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.232E-04	.0376
2	.814E-06	.0013
3	.636E-04	.1029
4	.351E-04	.0568
5	.419E-04	.0678
6	.167E-04	.0270
7	.174E-04	.0282
8	.345E-04	.0558
9	.524E-04	.0847
10	.200E-05	.0032
11	.641E-04	.1037
12	.159E-04	.0257
13	.499E-04	.0807
14	.406E-04	.0656
15	.610E-04	.0986
16	.470E-04	.0760
33	.917E-04	.1482
18	.169E-05	.0027
19	.128E-04	.0207
20	.518E-04	.0837
21	.134E-03	.2159
22	.209E-03	.3376
23	.138E-03	.2234
24	.153E-04	.0247
25	.247E-05	.0040
26	.516E-05	.0083
27	.138E-04	.0223
28	.260E-04	.0420
29	.166E-05	.0027
30	.166E-05	.0027
31	.643E-04	.1040
32	.456E-05	.0074

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 63 -
WIND DIRECTION: 0 DEG.

UNITS:	1	2	3	4	5
STACK HEIGHT (M)					91
APPROACH VELOCITY (M/SEC)					6.63
OPERATING LEVEL (%)					100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0386
2	.0020
3	.1035
4	.0583
5	.0728
6	.0275
7	.0289
8	.0578
9	.0862
10	.0042
11	.1115
12	.0260
13	.0814
14	.0678
15	.1301
16	.0813
17	.0000
18	.0037
19	.0219
20	.0869
21	.2567
22	.4256
23	.2431
24	.0000
25	.0048
26	.0099
27	.0249
28	.0490
29	.0035
30	.0057
31	.1296
32	.0135
33	.1535
34	.0260
35	.0000

1227 T=00003 IS ON CR00016 USING 00005 BLKS R=0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.117E-03	.1185
2	.175E-04	.0178
3	.815E-04	.0828
4	.274E-04	.0278
5	.663E-06	.0007
6	.218E-04	.0222
7	.597E-04	.0606
8	.226E-05	.0023
9	.841E-07	.0001
10	.197E-04	.0200
11	.000E+00	.0000
12	.333E-04	.0338
13	.249E-04	.0252
14	.116E-04	.0118
15	.116E-04	.0118
16	.000E+00	.0000
33	.179E-04	.0182
18	.728E-05	.0074
19	.293E-04	.0298
20	.123E-04	.0125
21	.941E-05	.0096
22	.748E-05	.0076
23	.000E+00	.0000
24	.000E+00	.0000
25	.246E-04	.0250
26	.134E-03	.1363
27	.927E-05	.0094
28	.101E-05	.0010
29	.690E-06	.0007
30	.209E-04	.0213
31	.121E-04	.0123
35	.317E-04	.0322

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
33	.225E-04	.0229
34	.162E-04	.0165
26	.279E-03	.2833
35	.569E-04	.0578

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 -
WIND DIRECTION: 0 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.148E-05	.0015
2	.135E-05	.0014
3	.166E-05	.0017
4	.430E-06	.0004
5	.415E-07	.0000
6	.120E-05	.0012
7	.189E-05	.0019
8	.106E-05	.0011
9	.167E-05	.0017
10	.149E-05	.0015
11	.119E-05	.0012
12	.175E-05	.0018
13	.189E-05	.0019
14	.204E-05	.0021
15	.179E-05	.0018
16	.124E-05	.0013
33	.101E-04	.0103
18	.377E-06	.0004
19	.329E-05	.0033
20	.236E-05	.0024
21	.199E-05	.0020
22	.146E-05	.0015
23	.125E-05	.0013
34	.690E-06	.0007
25	.197E-05	.0020
26	.132E-03	.1341
27	.529E-05	.0054
28	.379E-05	.0039
29	.171E-05	.0017
30	.317E-05	.0032
31	.270E-05	.0027
35	.216E-04	.0220

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.873E-05	.0084
2	.105E-04	.0101
3	.122E-03	.1174
4	.259E-04	.0249
5	.165E-05	.0016
6	.270E-04	.0260
7	.303E-04	.0291
8	.222E-04	.0213
9	.104E-05	.0010
10	.120E-03	.1154
11	.320E-06	.0003
12	.757E-04	.0727
13	.727E-04	.0698
14	.605E-04	.0581
15	.595E-04	.0572
16	.000E+00	.0000
33	.832E-04	.0799
18	.703E-05	.0068
19	.451E-04	.0433
20	.535E-05	.0051
21	.396E-04	.0380
22	.839E-05	.0081
23	.257E-07	.0000
34	.744E-06	.0007
25	.502E-04	.0483
26	.371E-03	.3564
27	.453E-04	.0435
28	.450E-05	.0043
29	.750E-06	.0007
30	.350E-04	.0337
31	.581E-04	.0558
35	.104E-03	.1001

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 - 63
WIND DIRECTION: 0 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0074
2	.0107
3	.1189
4	.0264
5	.0065
6	.0265
7	.0298
8	.0233
9	.0025
10	.1164
11	.0081
12	.0729
13	.0705
14	.0603
15	.0887
16	.0053
17	.0000
18	.0077
19	.0444
20	.0084
21	.0789
22	.0961
23	.0197
24	.0000
25	.0490
26	.3580
27	.0461
28	.0113
29	.0016
30	.0367
31	.0815
32	.0061
33	.1152
34	.0020
35	.1001

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 - 63
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1279
2	.0285
3	.2008
4	.0342
5	.0072
6	.0487
7	.0904
8	.0236
9	.0026
10	.1364
11	.0081
12	.1067
13	.0958
14	.0721
15	.1005
16	.0053
17	.0000
18	.0151
19	.0742
20	.0208
21	.0884
22	.1037
23	.0197
24	.0000
25	.0740
26	.4943
27	.0555
28	.0123
29	.0023
30	.0579
31	.0937
32	.0061
33	.1334
34	.0020
35	.1323

--- KAME POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 - 63
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1279
2	.0283
3	.2008
4	.0542
5	.0072
6	.0487
7	.0904
8	.0256
9	.0026
10	.1364
11	.0081
12	.1067
13	.0958
14	.0721
15	.1005
16	.0053
17	.0000
18	.0151
19	.0742
20	.0208
21	.0884
22	.1037
23	.0197
24	.0000
25	.0740
26	.7778
27	.0555
28	.0122
29	.0023
30	.0579
31	.0937
32	.0061
33	.1562
34	.0185
35	.1901

--- KAME POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 67 - 63
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1274
2	.0299
3	.2025
4	.0547
5	.0072
6	.0499
7	.0923
8	.0266
9	.0043
10	.1380
11	.0094
12	.1085
13	.0977
14	.0742
15	.1024
16	.0066
17	.0000
18	.0154
19	.0776
20	.0232
21	.0904
22	.1052
23	.0210
24	.0000
25	.0760
26	.8120
27	.0609
28	.0162
29	.0040
30	.0612
31	.0965
32	.0061
33	.1665
34	.0192
35	.2120

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
1	.647E-05	.0066
2	.589E-05	.0060
3	.691E-05	.0070
4	.145E-04	.0147
5	.348E-04	.0353
6	.648E-05	.0066
7	.525E-05	.0053
8	.107E-04	.0109
9	.239E-04	.0243
10	.791E-05	.0080
11	.118E-04	.0120
12	.606E-05	.0061
13	.596E-05	.0061
14	.131E-04	.0133
15	.290E-04	.0295
16	.210E-04	.0213
33	.864E-05	.0088
19	.644E-05	.0065
19	.662E-05	.0067
20	.840E-05	.0085
21	.202E-04	.0205
22	.172E-04	.0178
23	.853E-05	.0087
24	.803E-05	.0082
25	.729E-05	.0074
26	.364E-05	.0037
27	.000E+00	.0000
28	.182E-04	.0185
29	.109E-04	.0110
30	.000E+00	.0000
31	.823E-05	.0084
32	.691E-05	.0070

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 -
WIND DIRECTION: 0 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.193E-04	.0107
2	.226E-05	.0023
3	.345E-05	.0035
4	.198E-05	.0020
5	.152E-05	.0015
6	.150E-05	.0015
7	.253E-05	.0026
8	.152E-05	.0015
9	.136E-05	.0014
10	.125E-05	.0013
11	.949E-06	.0010
12	.128E-05	.0013
13	.127E-05	.0013
14	.104E-04	.0105
15	.137E-05	.0014
16	.964E-06	.0010
17	.800E-06	.0008
18	.132E-05	.0013
19	.878E-06	.0009
20	.138E-05	.0014
21	.140E-05	.0014
22	.104E-05	.0011
23	.671E-06	.0068
24	.214E-05	.0022
25	.257E-05	.0026
26	.117E-05	.0012
27	.134E-05	.0014
28	.976E-06	.0010
29	.916E-06	.0009
30	.191E-05	.0019
31	.927E-06	.0009
32		

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.188E-04	.0181
2	.289E-05	.0028
3	.427E-05	.0041
4	.000E+00	.0000
5	.248E-04	.0239
6	.180E-05	.0017
7	.106E-05	.0010
8	.410E-05	.0039
9	.153E-04	.0147
10	.292E-07	.0000
11	.381E-05	.0037
12	.244E-06	.0002
13	.000E+00	.0000
14	.300E-05	.0029
15	.517E-04	.0497
16	.162E-04	.0155
17	.660E-06	.0006
18	.000E+00	.0000
19	.232E-07	.0000
20	.000E+00	.0000
21	.394E-05	.0038
22	.370E-04	.0355
23	.372E-06	.0004
24	.188E-04	.0180
25	.000E+00	.0000
26	.135E-05	.0013
27	.810E-06	.0008
28	.216E-04	.0207
29	.555E-05	.0053
30	.000E+00	.0000
31	.480E-05	.0046
32	.000E+00	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 - 63
WIND DIRECTION: 0 DEG.

UNITS: 10 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0191
2	.0034
3	.0047
4	.0015
5	.0288
6	.0023
7	.0017
8	.0059
9	.0163
10	.0010
11	.0115
12	.0005
13	.0007
14	.0051
15	.0813
16	.0209
17	.0000
18	.0009
19	.0012
20	.0032
21	.0446
22	.1236
23	.0200
24	.0180
25	.0008
26	.0023
27	.0033
28	.0277
29	.0062
30	.0030
31	.0393
32	.0061
33	.0377
34	.0013
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 - 63
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0257
2	.0094
3	.0117
4	.0162
5	.0641
6	.0088
7	.0074
8	.0169
9	.0406
10	.0091
11	.0235
12	.0066
13	.0068
14	.0184
15	.1107
16	.0422
17	.0000
18	.0009
19	.0079
20	.0118
21	.0651
22	.1414
23	.0287
24	.0262
25	.0082
26	.0066
27	.0033
28	.0462
29	.0172
30	.0030
31	.0387
32	.0131
33	.0446
34	.0013
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 - 63
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0257
2	.0094
3	.0117
4	.0162
5	.0641
6	.0068
7	.0070
8	.0168
9	.0406
10	.0091
11	.0235
12	.0066
13	.0068
14	.0184
15	.1107
16	.0422
17	.0000
18	.0009
19	.0079
20	.0118
21	.0651
22	.1414
23	.0287
24	.0262
25	.0052
26	.0066
27	.0033
28	.0462
29	.0172
30	.0030
31	.0387
32	.0131
33	.0446
34	.0013
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 71 - 63
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0364
2	.0117
3	.0152
4	.0162
5	.0661
6	.0104
7	.0085
8	.0193
9	.0421
10	.0104
11	.0248
12	.0076
13	.0081
14	.0197
15	.1212
16	.0436
17	.0000
18	.0009
19	.0092
20	.0128
21	.0665
22	.1428
23	.0278
24	.0330
25	.0104
26	.0092
27	.0045
28	.0473
29	.0182
30	.0040
31	.0406
32	.0141
33	.0456
34	.0013
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.504E-06	.0005
4	.154E-04	.0157
5	.526E-04	.0535
6	.000E+00	.0000
7	.000E+00	.0000
8	.115E-04	.0116
9	.334E-04	.0340
10	.000E+00	.0000
11	.844E-05	.0086
12	.000E+00	.0000
13	.960E-06	.0010
14	.186E-04	.0189
15	.248E-04	.0252
16	.195E-04	.0198
33	.226E-05	.0023
18	.000E+00	.0000
19	.000E+00	.0000
20	.382E-05	.0039
21	.209E-04	.0212
22	.126E-04	.0128
23	.284E-05	.0029
34	.157E-05	.0016
25	.705E-06	.0007
26	.000E+00	.0000
27	.845E-05	.0086
28	.179E-04	.0182
29	.301E-05	.0031
30	.000E+00	.0000
31	.525E-05	.0053
35	.823E-05	.0084

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
29	.182E-04	.0185
35	.350E-04	.0355

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.484E-06	.0005
2	.536E-06	.0005
3	.958E-06	.0009
4	.407E-06	.0004
5	.000E+00	.0000
6	.658E-06	.0006
7	.471E-06	.0005
8	.634E-06	.0006
9	.478E-07	.0000
10	.588E-06	.0006
11	.630E-07	.0001
12	.694E-06	.0007
13	.105E-06	.0001
14	.136E-05	.0013
15	.000E+00	.0000
16	.477E-06	.0005
33	.270E-05	.0026
18	.000E+00	.0000
19	.334E-06	.0003
20	.495E-06	.0005
21	.919E-06	.0009
22	.104E-05	.0010
23	.000E+00	.0000
24	.915E-06	.0009
25	.693E-06	.0007
26	.359E-06	.0003
27	.893E-06	.0009
28	.800E-06	.0008
29	.266E-05	.0026
30	.186E-05	.0018
31	.214E-05	.0021
35	.243E-04	.0233

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 -
WIND DIRECTION: 0 DEG.

UNITS: 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.881E-07	.0001
4	.460E-06	.0005
5	.000E+00	.0000
6	.000E+00	.0000
7	.000E+00	.0000
8	.130E-05	.0013
9	.000E+00	.0000
10	.000E+00	.0000
11	.000E+00	.0000
12	.778E-07	.0001
13	.000E+00	.0000
14	.000E+00	.0000
15	.000E+00	.0000
16	.000E+00	.0000
33	.527E-07	.0001
18	.000E+00	.0000
19	.000E+00	.0000
20	.000E+00	.0000
21	.000E+00	.0000
22	.000E+00	.0000
23	.000E+00	.0000
24	.000E+00	.0000
25	.203E-06	.0002
26	.755E-07	.0001
27	.800E-07	.0001
28	.132E-06	.0001
29	.566E-06	.0006
30	.000E+00	.0000
31	.565E-06	.0006
35	.420E-06	.0004

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 - 63
WIND DIRECTION: 0 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0012
3	.0015
4	.0019
5	.0049
6	.0012
7	.0011
8	.0025
9	.0016
10	.0016
11	.0079
12	.0009
13	.0008
14	.0035
15	.0316
16	.0058
17	.0000
18	.0009
19	.0015
20	.0037
21	.0417
22	.0890
23	.0197
24	.0000
25	.0014
26	.0019
27	.0034
28	.0077
29	.0034
30	.0048
31	.0277
32	.0061
33	.0378
34	.0021
35	.0233

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 - 63
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0012
3	.0021
4	.0176
5	.0584
6	.0012
7	.0011
8	.0142
9	.0335
10	.0016
11	.0165
12	.0009
13	.0018
14	.0225
15	.0567
16	.0256
17	.0000
18	.0009
19	.0015
20	.0079
21	.0629
22	.1019
23	.0228
24	.0000
25	.0022
26	.0019
27	.0120
28	.0259
29	.0065
30	.0048
31	.0331
32	.0061
33	.0401
34	.0037
35	.0317

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 73 - 63
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0012
3	.0021
4	.0176
5	.0584
6	.0012
7	.0011
8	.0142
9	.0355
10	.0016
11	.0165
12	.0009
13	.0018
14	.0225
15	.0567
16	.0256
17	.0000
18	.0009
19	.0015
20	.0076
21	.0629
22	.1019
23	.0226
24	.0000
25	.0022
26	.0019
27	.0120
28	.0258
29	.0250
30	.0048
31	.0331
32	.0061
33	.0401
34	.0037
35	.0672

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 73 - 63
WIND DIRECTION: 9 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0015
2	.0012
3	.0021
4	.0181
5	.0584
6	.0012
7	.0011
8	.0155
9	.0355
10	.0016
11	.0165
12	.0010
13	.0015
14	.0225
15	.0567
16	.0256
17	.0000
18	.0009
19	.0015
20	.0076
21	.0629
22	.1019
23	.0226
24	.0000
25	.0024
26	.0020
27	.0121
28	.0260
29	.0255
30	.0049
31	.0336
32	.0061
33	.0402
34	.0037
35	.0676

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 64 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.697E-03	.5633
2	.551E-03	.4454
3	.810E-03	.6549
4	.246E-03	.1987
5	.334E-04	.0270
6	.671E-03	.5422
7	.383E-03	.3096
8	.787E-04	.0636
9	.134E-04	.0108
10	.538E-03	.4345
11	.509E-05	.0041
12	.687E-03	.5552
13	.186E-03	.1507
14	.148E-03	.1198
15	.924E-05	.0075
16	.560E-05	.0045
33	.752E-04	.0608
18	.540E-03	.4365
19	.321E-03	.2596
20	.102E-03	.0821
21	.866E-05	.0070
22	.269E-05	.0022
23	.156E-05	.0013
24	.877E-05	.0071
25	.511E-03	.4130
26	.168E-03	.1355
27	.394E-04	.0319
28	.471E-05	.0038
29	.000E+00	.0000
30	.917E-04	.0742
31	.114E-04	.0093
35	.627E-04	.0507

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 64 -
WIND DIRECTION: 0 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.640E-04	.0427
2	.482E-05	.0024
3	.186E-03	.0944
4	.237E-03	.1203
5	.104E-03	.0528
6	.870E-04	.0442
7	.369E-03	.1873
8	.449E-03	.2279
9	.113E-03	.0574
10	.571E-04	.0290
11	.746E-04	.0379
12	.171E-03	.0869
13	.361E-03	.1832
14	.226E-03	.1145
15	.110E-03	.0557
16	.238E-04	.0121
33	.324E-03	.1643
18	.181E-03	.0918
19	.330E-03	.1673
20	.331E-03	.1678
21	.185E-03	.0941
22	.677E-04	.0344
23	.104E-04	.0053
24	.122E-04	.0062
25	.288E-03	.1464
26	.263E-03	.1334
27	.120E-03	.0608
28	.487E-04	.0247
29	.171E-05	.0009
30	.191E-03	.0511
31	.908E-04	.0461
35	.117E-03	.0596

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 64 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.6060
2	.4479
3	.7493
4	.3190
5	.0798
6	.5864
7	.4968
8	.2916
9	.0682
10	.4635
11	.0420
12	.6421
13	.3340
14	.2343
15	.0632
16	.0166
17	.0000
18	.5283
19	.4269
20	.2499
21	.1011
22	.0365
23	.0963
24	.0133
25	.5593
26	.2689
27	.0927
28	.0285
29	.0009
30	.1253
31	.0553
32	.0000
33	.2251
34	.0000
35	.1192

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.143E-03	.0725
2	.374E-04	.0190
3	.196E-03	.0997
4	.174E-03	.0884
5	.191E-04	.0097
6	.186E-03	.0946
7	.145E-03	.0736
8	.190E-03	.0964
9	.285E-04	.0145
10	.194E-03	.0984
11	.319E-06	.0002
12	.190E-03	.0965
13	.189E-03	.0961
14	.196E-03	.0996
15	.246E-04	.0125
16	.281E-05	.0014
33	.307E-03	.1559
18	.461E-03	.2339
17	.000E+00	.0000
19	.450E-03	.2285
20	.475E-03	.2409
21	.147E-04	.0075
22	.000E+00	.0000
23	.000E+00	.0000
24	.000E+00	.0000
25	.354E-03	.1797
26	.248E-03	.1257
27	.140E-03	.0709
28	.444E-04	.0226
29	.219E-05	.0011
30	.235E-03	.1193
31	.108E-03	.0548
35	.119E-03	.0603

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.159E-04	.0081
3	.347E-04	.0177
4	.166E-04	.0084
6	.418E-04	.0212
7	.157E-03	.0799
8	.323E-03	.1633
9	.499E-04	.0253
10	.778E-04	.0404
12	.215E-03	.1091
13	.282E-03	.1433
14	.291E-03	.1476
17	.871E-04	.0442
33	.930E-03	.4721
18	.229E-03	.1161
19	.874E-03	.4437
20	.913E-03	.4633
25	.471E-03	.2391
26	.732E-03	.3715
27	.463E-03	.2349
28	.187E-03	.0947
30	.445E-03	.2259
31	.327E-03	.1661
35	.391E-03	.1987

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68.-
WIND DIRECTION: 0 DEG.

UNITS: 0
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.153E-05	.0008
2	.934E-06	.0005
3	.398E-05	.0020
4	.158E-05	.0008
5	.127E-07	.0000
6	.217E-05	.0011
7	.333E-04	.0169
8	.438E-04	.0222
9	.220E-05	.0011
10	.755E-05	.0038
11	.903E-07	.0000
12	.234E-04	.0119
13	.448E-04	.0228
14	.324E-04	.0165
15	.734E-05	.0037
16	.600E-06	.0003
33	.114E-03	.0579
18	.342E-04	.0173
19	.105E-03	.0535
20	.121E-03	.0612
21	.199E-05	.0010
22	.723E-07	.0000
23	.156E-05	.0008
34	.453E-05	.0023
25	.444E-04	.0225
26	.940E-04	.0477
27	.462E-04	.0234
28	.186E-04	.0094
29	.183E-05	.0009
30	.839E-04	.0426
31	.389E-04	.0193
35	.398E-04	.0202

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.123E-02	.5906
2	.652E-03	.3132
3	.133E-02	.6502
4	.776E-03	.3728
5	.127E-03	.0608
6	.104E-02	.4997
7	.103E-02	.4963
8	.588E-03	.2824
9	.262E-03	.1256
10	.108E-02	.5178
11	.334E-04	.0160
12	.101E-02	.4867
13	.721E-03	.3463
14	.412E-03	.1978
15	.289E-03	.1387
16	.320E-04	.0154
33	.603E-03	.2898
18	.152E-02	.7319
19	.992E-03	.4762
20	.947E-03	.4547
21	.730E-04	.0350
22	.346E-04	.0166
23	.108E-04	.0052
34	.419E-04	.0201
25	.114E-02	.5476
26	.779E-03	.3744
27	.354E-03	.1700
28	.131E-03	.0628
29	.411E-04	.0197
30	.355E-03	.1706
31	.263E-03	.1261
35	.350E-03	.1682

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 - 64
WIND DIRECTION: 9 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.6332
2	.3157
3	.7446
4	.4931
5	.1137
6	.5439
7	.6836
8	.5104
9	.1839
10	.5468
11	.0539
12	.5736
13	.5295
14	.3124
15	.1945
16	.0275
17	.0000
18	.8237
19	.6436
20	.6225
21	.1291
22	.0510
23	.0195
24	.0062
25	.6939
26	.5078
27	.2308
28	.0875
29	.0206
30	.2217
31	.1722
32	.0000
33	.4541
34	.0201
35	.2277

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 - 64
WIND DIRECTION: 9 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.7037
2	.3347
3	.8443
4	.5815
5	.1234
6	.6384
7	.7572
8	.6068
9	.1973
10	.6452
11	.0541
12	.6701
13	.6257
14	.4120
15	.2079
16	.0289
17	.0000
18	1.0577
19	.8721
20	.8634
21	.1366
22	.0510
23	.0195
24	.0062
25	.8737
26	.6335
27	.3047
28	.1101
29	.0217
30	.3410
31	.2279
32	.0000
33	.6100
34	.0201
35	.2880

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.7138
2	.3347
3	.8621
4	.3899
5	.1234
6	.6597
7	.8371
8	.7707
9	.2228
10	.6856
11	.0541
12	.7792
13	.7690
14	.5596
15	.2512
16	.0289
17	.0000
18	1.1737
19	1.3158
20	1.3270
21	.1366
22	.0510
23	.0105
24	.0062
25	1.1128
26	1.0050
27	.5366
28	.2049
29	.0217
30	.5668
31	.3931
32	.0000
33	1.0822
34	.0201
35	.4867

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 68 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.7146
2	.3351
3	.8641
4	.3907
5	.1234
6	.6608
7	.8540
8	.7929
9	.2240
10	.6895
11	.0541
12	.7911
13	.7917
14	.5761
15	.2549
16	.0292
17	.0000
18	1.1911
19	1.2693
20	1.3982
21	.1376
22	.0510
23	.0110
24	.0062
25	1.1353
26	1.0527
27	.5600
28	.2142
29	.0226
30	.6094
31	.4123
32	.0000
33	1.1401
34	.0224
35	.5070

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.929E-04	.0471
3	.835E-04	.0424
4	.145E-04	.0074
5	.319E-05	.0016
6	.438E-04	.0222
7	.108E-03	.0549
8	.191E-04	.0097
9	.334E-05	.0017
10	.483E-04	.0245
11	.210E-05	.0011
12	.881E-04	.0447
13	.416E-04	.0211
14	.414E-04	.0210
15	.552E-04	.0280
16	.564E-05	.0029
17	.229E-03	.1162
18	.512E-04	.0260
19	.679E-04	.0344
20	.108E-03	.0546
21	.909E-04	.0461
22	.944E-06	.0004
23	.298E-04	.0151
24	.913E-04	.0463
25	.113E-03	.0573
26	.666E-04	.0338
27	.504E-04	.0256
28	.290E-05	.0015
29	.822E-04	.0417
30	.629E-04	.0319
31	.168E-03	.0854

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
7	.525E-05	.0027
13	.481E-04	.0244
14	.506E-04	.0257
15	.115E-03	.0582
33	.500E-03	.2540
19	.808E-04	.0410
20	.137E-03	.0694
21	.848E-04	.0431
24	.143E-03	.0725
25	.731E-04	.0371
26	.224E-03	.1135
27	.135E-03	.0686
28	.815E-04	.0414
30	.408E-03	.2071
31	.149E-03	.0755
32	.655E-03	.3323

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 -
WIND DIRECTION: 0 DEG.

UNITS: 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.276E-05	.0014
3	.961E-06	.0005
4	.113E-05	.0006
5	.439E-06	.0002
6	.647E-06	.0003
7	.000E+00	.0000
8	.186E-05	.0009
9	.268E-05	.0014
10	.601E-06	.0003
11	.637E-06	.0003
12	.209E-05	.0011
13	.310E-05	.0016
14	.254E-05	.0013
15	.484E-05	.0025
16	.132E-05	.0007
17	.105E-04	.0053
18	.574E-06	.0003
19	.207E-05	.0011
20	.305E-05	.0015
21	.170E-05	.0009
22	.000E+00	.0000
23	.419E-05	.0021
24	.196E-05	.0010
25	.525E-05	.0027
26	.376E-05	.0019
27	.147E-05	.0007
28	.967E-06	.0005
29	.299E-05	.0015
30	.352E-05	.0018
31	.126E-04	.0064

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.406E-03	.1951
3	.461E-03	.2214
4	.176E-03	.0843
5	.105E-03	.0503
6	.100E-02	.4818
7	.671E-03	.3225
8	.205E-03	.0983
9	.571E-04	.0274
10	.701E-03	.3365
11	.254E-04	.0122
12	.771E-03	.3703
13	.242E-03	.1160
14	.227E-03	.1093
15	.728E-04	.0350
16	.460E-04	.0221
17	.328E-03	.1577
18	.444E-03	.2133
19	.456E-03	.2193
20	.428E-03	.2056
21	.201E-03	.0967
22	.818E-05	.0039
23	.559E-04	.0268
24	.608E-03	.2921
25	.445E-03	.2139
26	.242E-03	.1164
27	.214E-03	.1030
28	.149E-04	.0072
29	.244E-03	.1173
30	.117E-03	.0561
31	.251E-03	.1203

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 - 64
WIND DIRECTION: 0 DEG.

UNITS: 10 5
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.2379
2	.0024
3	.3158
4	.2046
5	.1032
6	.5260
7	.5098
8	.3263
9	.0848
10	.3655
11	.0500
12	.4572
13	.2993
14	.2238
15	.0907
16	.0342
17	.0000
18	.3051
19	.3866
20	.3735
21	.1908
22	.0344
23	.0092
24	.0330
25	.4385
26	.3473
27	.1772
28	.1277
29	.0080
30	.1684
31	.1022
32	.1203
33	.3229
34	.0000
35	.0596

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 - 64
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.2850
2	.0024
3	.3583
4	.2120
5	.1048
6	.5482
7	.5647
8	.3360
9	.0865
10	.3900
11	.0511
12	.5019
13	.3204
14	.2449
15	.1187
16	.0371
17	.0000
18	.3311
19	.4211
20	.4281
21	.2369
22	.0344
23	.0095
24	.0481
25	.4848
26	.4045
27	.2111
28	.1533
29	.0093
30	.2101
31	.1241
32	.2058
33	.4382
34	.0000
35	.0596

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.2850
2	.0024
3	.3583
4	.2120
5	.1048
6	.5482
7	.5674
8	.3360
9	.0865
10	.3900
11	.0511
12	.5019
13	.3448
14	.2705
15	.1769
16	.0371
17	.0000
18	.3311
19	.4621
20	.4975
21	.2800
22	.0344
23	.0096
24	.1207
25	.5219
26	.5180
27	.2797
28	.1947
29	.0085
30	.4173
31	.2096
32	.5381
33	.6722
34	.0000
35	.0578

-- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 72 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 137
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.2864
2	.0024
3	.3587
4	.2126
5	.1050
6	.5486
7	.5674
8	.3369
9	.0879
10	.3903
11	.0514
12	.5030
13	.3464
14	.2718
15	.1794
16	.0377
17	.0000
18	.3314
19	.4631
20	.4990
21	.2809
22	.0344
23	.0096
24	.1228
25	.5225
26	.5207
27	.2816
28	.1954
29	.0100
30	.4188
31	.2114
32	.5445
33	.6775
34	.0000
35	.0578

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.105E-03	.0534
2	.443E-04	.0225
3	.810E-04	.0411
4	.150E-04	.0076
5	.272E-05	.0014
6	.684E-04	.0347
7	.355E-04	.0180
8	.550E-05	.0028
9	.360E-05	.0018
10	.524E-04	.0266
11	.209E-05	.0011
12	.529E-04	.0268
13	.123E-04	.0063
14	.909E-05	.0046
15	.856E-05	.0043
16	.000E+00	.0000
33	.143E-03	.0728
18	.296E-04	.0150
19	.230E-04	.0117
20	.129E-04	.0066
21	.281E-04	.0143
22	.236E-05	.0012
23	.924E-07	.0000
24	.171E-03	.0870
25	.288E-04	.0146
26	.148E-04	.0075
27	.000E+00	.0000
28	.411E-04	.0209
29	.358E-05	.0018
30	.331E-04	.0168
31	.450E-04	.0228
35	.156E-03	.0791

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
13	.678E-03	.0934
33	.146E-03	.0743
34	.219E-03	.1119
30	.683E-04	.0347
31	.329E-04	.0268
35	.229E-03	.1163

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 -
WIND DIRECTION: 0 DEG.

UNITS: 0 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.833E-06	.0004
2	.751E-06	.0004
3	.314E-06	.0002
4	.821E-06	.0004
5	.745E-06	.0004
6	.419E-06	.0002
7	.000E+00	.0000
8	.872E-06	.0004
9	.947E-06	.0005
10	.491E-06	.0002
11	.000E+00	.0000
12	.656E-06	.0003
13	.755E-06	.0004
14	.107E-05	.0005
15	.132E-05	.0007
23	.596E-06	.0003
18	.607E-06	.0003
19	.510E-06	.0003
20	.576E-06	.0003
21	.000E+00	.0000
22	.244E-05	.0012
23	.000E+00	.0000
34	.857E-06	.0004
25	.324E-06	.0002
26	.507E-06	.0003
27	.000E+00	.0000
28	.920E-06	.0005
29	.954E-06	.0005
30	.000E+00	.0000
31	.000E+00	.0000
35	.254E-05	.0013

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.771E-04	.0371
2	.647E-05	.0031
3	.813E-04	.0391
4	.151E-04	.0073
5	.401E-05	.0019
6	.518E-04	.0249
7	.120E-03	.0577
8	.567E-04	.0273
9	.397E-04	.0191
10	.627E-04	.0301
11	.000E+00	.0000
12	.112E-03	.0537
13	.966E-04	.0464
14	.138E-03	.0662
15	.513E-04	.0246
16	.133E-04	.0064
33	.425E-03	.2044
18	.832E-04	.0399
19	.149E-03	.0714
20	.136E-03	.0651
21	.877E-04	.0421
22	.123E-04	.0059
23	.143E-05	.0007
34	.364E-03	.1749
25	.933E-04	.0448
26	.152E-03	.0730
27	.546E-04	.0262
28	.149E-03	.0716
29	.139E-04	.0067
30	.181E-03	.0868
31	.128E-03	.0615
35	.289E-03	.1388

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0737
2	.0056
3	.1335
4	.1276
5	.0545
6	.0690
7	.2459
8	.2552
9	.0765
10	.0591
11	.0379
12	.1406
13	.2296
14	.1808
15	.0804
16	.0185
17	.0000
18	.1318
19	.2387
20	.2329
21	.1362
22	.0403
23	.0060
24	.0062
25	.1912
26	.2064
27	.0870
28	.0963
29	.0075
30	.1379
31	.1076
32	.0000
33	.3687
34	.1749
35	.1984

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1331
2	.0280
3	.1746
4	.1352
5	.0562
6	.1037
7	.2630
8	.2380
9	.0783
10	.0857
11	.0389
12	.1673
13	.2359
14	.1854
15	.0847
16	.0185
17	.0000
18	.1468
19	.2504
20	.2395
21	.1505
22	.0415
23	.0060
24	.0062
25	.2058
26	.2139
27	.0870
28	.1172
29	.0094
30	.1547
31	.1304
32	.0000
33	.4415
34	.2619
35	.2774

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1331
2	.0280
3	.1748
4	.1332
5	.0562
6	.1037
7	.2630
8	.2580
9	.0783
10	.0857
11	.0389
12	.1675
13	.2393
14	.1854
15	.0847
16	.0185
17	.0000
18	.1468
19	.2504
20	.2395
21	.1505
22	.0415
23	.0060
24	.0062
25	.2059
26	.2139
27	.0870
28	.1172
29	.0094
30	.1894
31	.1573
32	.0000
33	.5159
34	.3730
35	.3937

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 74 - 64
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6 7 8
STACK HEIGHT (M) 183
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 100.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1335
2	.0284
3	.1747
4	.1336
5	.0565
6	.1040
7	.2639
8	.2584
9	.0788
10	.0860
11	.0389
12	.1678
13	.2397
14	.1859
15	.0854
16	.0185
17	.0000
18	.1471
19	.2507
20	.2399
21	.1505
22	.0427
23	.0060
24	.0062
25	.2059
26	.2142
27	.0870
28	.1177
29	.0098
30	.1894
31	.1573
32	.0000
33	.5161
34	.3734
35	.3950

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 65 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.122E-03	.1481
2	.405E-05	.0049
3	.852E-04	.1033
4	.335E-03	.4059
5	.215E-03	.2605
6	.101E-03	.1229
7	.158E-03	.1918
8	.216E-03	.2618
9	.245E-03	.2972
10	.412E-04	.0500
11	.241E-03	.2928
12	.108E-03	.1312
13	.223E-03	.2703
14	.407E-03	.4940
15	.320E-03	.3884
16	.498E-03	.6035
33	.288E-03	.3493
18	.177E-03	.2148
19	.259E-03	.3141
20	.479E-03	.5814
21	.145E-03	.1760
22	.193E-03	.2335
23	.255E-03	.3092
24	.237E-03	.2871
25	.581E-04	.0705
26	.617E-04	.0748
27	.224E-03	.2722
28	.826E-04	.1002
29	.786E-04	.0953
30	.455E-04	.0552
31	.173E-03	.2092
32	.592E-04	.0718

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 65 -
WIND DIRECTION: 0 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.111E-05	.0008
2	.513E-07	.0000
3	.423E-06	.0003
4	.273E-04	.0208
5	.173E-04	.0131
6	.852E-05	.0065
7	.234E-05	.0018
8	.248E-04	.0189
9	.926E-04	.0705
10	.309E-06	.0002
11	.450E-04	.0342
12	.000E+00	.0000
13	.198E-04	.0151
14	.216E-03	.1644
15	.478E-03	.3638
16	.210E-03	.1602
33	.203E-03	.1547
18	.420E-04	.0320
19	.133E-03	.1016
20	.838E-04	.0638
21	.915E-04	.0697
22	.175E-03	.1329
23	.840E-04	.0640
24	.823E-04	.0627
25	.137E-04	.0104
26	.269E-04	.0205
27	.147E-03	.1122
28	.810E-04	.0617
29	.172E-03	.1310
30	.159E-04	.0121
31	.130E-03	.0991
32	.225E-04	.0171

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 65 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 73.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.1430
2	.0049
3	.1036
4	.4267
5	.2736
6	.1294
7	.1936
8	.2807
9	.3677
10	.0502
11	.3270
12	.1312
13	.2854
14	.6584
15	.7522
16	.7638
17	.0000
18	.2467
19	.4157
20	.6452
21	.2457
22	.3663
23	.3731
24	.3498
25	.0809
26	.0953
27	.3843
28	.1619
29	.2263
30	.0673
31	.3083
32	.0889
33	.5040
34	.0000
35	.0000

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.000E+00	.0000
4	.501E-05	.0038
5	.437E-05	.0033
6	.000E+00	.0000
8	.000E+00	.0000
7	.000E+00	.0000
8	.633E-05	.0033
9	.219E-05	.0017
10	.000E+00	.0000
11	.219E-04	.0167
12	.000E+00	.0000
14	.202E-04	.0154
15	.116E-04	.0089
16	.305E-05	.0023
17	.358E-04	.0273
18	.450E-05	.0034
19	.247E-04	.0188
20	.152E-04	.0116
21	.385E-04	.0293
22	.265E-04	.0201
23	.121E-05	.0009
24	.133E-05	.0010
25	.128E-04	.0098
26	.201E-04	.0153
27	.141E-04	.0107
28	.364E-04	.0278
29	.478E-05	.0036
30	.778E-04	.0592
31	.296E-04	.0225
32	.255E-04	.0194

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
17	.629E-04	.0479
21	.750E-04	.0571
22	.685E-04	.0522
27	.297E-04	.0226
28	.815E-04	.0621
30	.152E-03	.1158
31	.483E-04	.0368
32	.986E-04	.0751

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 -
WIND DIRECTION: 0 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.000E+00	.0000
2	.000E+00	.0000
3	.773E-07	.0001
4	.283E-05	.0022
5	.596E-06	.0005
6	.000E+00	.0000
7	.426E-06	.0003
8	.885E-06	.0007
9	.720E-06	.0005
10	.515E-07	.0000
11	.188E-05	.0014
12	.000E+00	.0000
14	.718E-06	.0005
15	.154E-05	.0012
16	.280E-05	.0021
17	.153E-04	.0117
18	.945E-07	.0001
19	.137E-05	.0010
20	.116E-05	.0009
21	.111E-04	.0084
22	.567E-05	.0043
23	.722E-06	.0005
24	[illegible]E-05	.0015
25	[illegible]E-06	.0002
26	.225E-05	.0017
27	.551E-05	.0042
28	.623E-05	.0047
29	.166E-05	.0013
30	.270E-04	.0206
31	.778E-05	.0059
32	.729E-05	.0056

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 -
WIND DIRECTION: 0 DEG.

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.565E-05	.0041
2	.000E+00	.0000
3	.145E-04	.0105
4	.746E-05	.0054
5	.261E-04	.0188
6	.593E-04	.0427
7	.110E-05	.0008
8	.521E-04	.0375
9	.229E-04	.0165
10	.382E-05	.0028
11	.653E-04	.0470
12	.355E-06	.0003
14	.536E-04	.0386
15	.419E-04	.0302
16	.374E-04	.0270
17	.139E-03	.1003
18	.194E-03	.1398
19	.974E-04	.0702
20	.475E-04	.0342
21	.211E-03	.1523
22	.109E-03	.0783
23	.508E-04	.0366
24	.547E-04	.0394
25	.136E-03	.0979
26	.938E-04	.0676
27	.587E-04	.0423
28	.123E-03	.0889
29	.129E-03	.0928
30	.166E-03	.1198
31	.150E-03	.1083
32	.140E-03	.1012

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 - 65
WIND DIRECTION: 0 DEG.

UNITS: 1C 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0049
2	.0000
3	.0108
4	.0262
5	.0319
6	.0492
7	.0026
8	.0564
9	.0870
10	.0030
11	.0812
12	.0003
13	.0151
14	.2030
15	.3941
16	.1872
17	.1003
18	.1718
19	.1719
20	.0990
21	.2220
22	.2112
23	.1006
24	.0627
25	.0104
26	.0890
27	.1545
28	.1506
29	.2239
30	.1318
31	.2074
32	.1183
33	.1547
34	.0394
35	.0979

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 - 65
WIND DIRECTION: 0 DEG.

UNITS: 1C 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0049
2	.0000
3	.0108
4	.0300
5	.0354
6	.0492
7	.0026
8	.0617
9	.0887
10	.0030
11	.0979
12	.0003
13	.0151
14	.2184
15	.4029
16	.1895
17	.1276
18	.1752
19	.1906
20	.1096
21	.2513
22	.2313
23	.1015
24	.0627
25	.0104
26	.1033
27	.1652
28	.1783
29	.2275
30	.1911
31	.2299
32	.1377
33	.1547
34	.0404
35	.1076

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 - 65
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0049
2	.0000
3	.0109
4	.0300
5	.0354
6	.0492
7	.0026
8	.0617
9	.0887
10	.0030
11	.0979
12	.0003
13	.0151
14	.2184
15	.4029
16	.1895
17	.1754
18	.1752
19	.1946
20	.1096
21	.3084
22	.2835
23	.1015
24	.0627
25	.0104
26	.1033
27	.1878
28	.2404
29	.2275
30	.3069
31	.2667
32	.2128
33	.1347
34	.0404
35	.1976

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 69 - 65
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 6.63
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.0049
2	.0000
3	.0108
4	.0321
5	.0359
6	.0492
7	.0029
8	.0624
9	.0892
10	.0030
11	.0994
12	.0003
13	.0151
14	.2189
15	.4041
16	.1916
17	.1871
18	.1753
19	.1916
20	.1105
21	.3168
22	.2878
23	.1021
24	.0627
25	.0104
26	.1050
27	.1920
28	.2452
29	.2288
30	.3274
31	.2726
32	.2183
33	.1347
34	.0419
35	.1979

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 66 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.676E-03	.4100
2	.979E-03	.5934
3	.105E-02	.6346
4	.107E-03	.0649
5	.507E-04	.0308
6	.692E-03	.4198
7	.485E-03	.2943
8	.108E-03	.0656
9	.383E-04	.0232
10	.705E-03	.4276
11	.356E-04	.0216
12	.782E-03	.4742
13	.221E-03	.1343
14	.769E-04	.0466
15	.271E-04	.0164
16	.288E-04	.0175
33	.693E-04	.0420
18	.528E-03	.3199
19	.229E-03	.1385
20	.645E-04	.0391
21	.431E-04	.0261
22	.292E-05	.0018
23	.208E-05	.0013
34	.536E-05	.0032
25	.487E-03	.2952
26	.159E-03	.0966
27	.117E-03	.0707
28	.112E-03	.0678
29	.666E-04	.0404
30	.198E-03	.1203
31	.780E-04	.0473
35	.134E-03	.0811

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 66 -
WIND DIRECTION: 0 DEG.

UNITS: 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.114E-03	.0436
2	.501E-05	.0019
3	.167E-03	.0637
4	.889E-04	.0339
5	.506E-04	.0193
6	.633E-04	.0241
7	.630E-03	.2400
8	.298E-03	.1136
9	.768E-04	.0292
10	.635E-04	.0242
11	.117E-04	.0044
12	.274E-03	.1045
13	.515E-03	.1961
14	.136E-03	.0516
15	.154E-04	.0059
16	.531E-05	.0020
33	.136E-03	.0519
18	.220E-03	.0838
19	.431E-03	.1639
20	.233E-03	.0888
21	.649E-04	.0247
22	.381E-05	.0015
23	.843E-06	.0003
24	.360E-05	.0014
25	.177E-03	.0674
26	.218E-03	.0832
27	.167E-03	.0636
28	.990E-04	.0377
29	.332E-04	.0126
30	.205E-03	.0779
31	.100E-03	.0382
35	.924E-04	.0352

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 66 -
WIND DIRECTION: 0 DEG.

UNITS: 1 2 3 4 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.4536
2	.5953
3	.6783
4	.0988
5	.0500
6	.4439
7	.5343
8	.1792
9	.0525
10	.4518
11	.0260
12	.5787
13	.3304
14	.0983
15	.0223
16	.0195
17	.0000
18	.4037
19	.3025
20	.1279
21	.0509
22	.0032
23	.0016
24	.0000
25	.3625
26	.1797
27	.1343
28	.1055
29	.0530
30	.1982
31	.0855
32	.0000
33	.0939
34	.0046
35	.1163

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70 -
WIND DIRECTION: 0 DEG.

UNITS: 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.181E-03	.0690
2	.326E-04	.0124
3	.231E-03	.0879
4	.129E-03	.0490
5	.117E-03	.0447
6	.266E-03	.1012
7	.204E-03	.0777
8	.162E-03	.0617
9	.740E-04	.0282
10	.148E-03	.0563
11	.000E+00	.0000
12	.152E-03	.0578
13	.245E-03	.0931
14	.229E-03	.0871
15	.934E-04	.0356
16	.162E-04	.0062
33	.107E-03	.0409
18	.239E-03	.0911
19	.284E-03	.1080
20	.223E-03	.0848
21	.609E-04	.0231
22	.248E-04	.0094
23	.393E-05	.0015
24	.000E+00	.0000
34	.513E-05	.0020
25	.583E-03	.2221
26	.359E-03	.1365
27	.220E-03	.0838
28	.163E-03	.0619
29	.000E+00	.0000
30	.336E-03	.1278
31	.000E+00	.0000
31	.571E-04	.0217
35	.886E-04	.0337

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70 -
WIND DIRECTION: 0 DEG.

UNITS: 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.187E-04	.0072
3	.810E-04	.0308
4	.132E-03	.0504
5	.172E-04	.0066
6	.174E-03	.0664
7	.109E-03	.0415
8	.226E-03	.0859
9	.127E-03	.0484
10	.128E-03	.0488
12	.808E-04	.0308
13	.292E-03	.1112
14	.493E-03	.1878
15	.207E-03	.0788
16	.129E-04	.0049
33	.465E-03	.1769
18	.322E-03	.1225
19	.648E-03	.2466
20	.860E-03	.3276
21	.231E-03	.0878
22	.132E-03	.0503
24	.689E-04	.0262
25	.841E-03	.3202
26	.943E-03	.3590
27	.644E-03	.2450
28	.375E-03	.1427
30	.103E-02	.3929
31	.261E-03	.0994
35	.383E-03	.1459

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO 70 -
WIND DIRECTION: 0 DEG.

UNITS: 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.137E-05	.0005
2	.223E-05	.0009
3	.376E-05	.0014
4	.247E-04	.0094
5	.000E+00	.0000
6	.672E-05	.0026
7	.119E-04	.0045
8	.321E-04	.0122
9	.199E-04	.0076
10	.442E-05	.0017
11	.000E+00	.0000
12	.774E-05	.0029
13	.519E-04	.0197
14	.700E-04	.0267
15	.531E-04	.0202
16	.271E-05	.0010
33	.517E-04	.0197
18	.338E-04	.0129
19	.105E-03	.0399
20	.733E-04	.0279
21	.292E-04	.0111
22	.546E-05	.0021
23	.000E+00	.0000
34	.443E-05	.0017
25	.117E-03	.0446
26	.161E-03	.0613
27	.109E-03	.0416
28	.499E-04	.0190
29	.125E-06	.0000
30	.174E-03	.0661
31	.308E-04	.0117
35	.512E-04	.0195

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70
WIND DIRECTION: 0 DEG

UNITS: 10
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	NON-DIMENSIONAL CONCENTRATION COEFFICIENT(K)	PROTOTYPE CONCENTRATION (PPM)
1	.128E-02	.4424
2	.697E-03	.2510
3	.142E-02	.5119
4	.265E-03	.0956
5	.252E-03	.1014
6	.144E-02	.5191
7	.769E-03	.2736
8	.260E-03	.0938
9	.163E-03	.0583
10	.807E-03	.2905
11	.245E-04	.0088
12	.103E-02	.3787
13	.420E-03	.1512
14	.301E-03	.1085
15	.254E-03	.0913
16	.912E-04	.0328
33	.204E-03	.0736
18	.101E-02	.3648
19	.643E-03	.2316
20	.336E-03	.1209
21	.128E-03	.0461
22	.949E-04	.0342
23	.726E-04	.0262
34	.918E-04	.0331
25	.121E-02	.4346
26	.511E-03	.1841
27	.278E-03	.1001
28	.180E-03	.0650
29	.167E-04	.0060
30	.446E-03	.1605
31	.120E-03	.0432
35	.194E-03	.0700

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70 - 66
WIND DIRECTION: 0 DEG.

UNITS: 10 5
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.4869
2	.2529
3	.5755
4	.1284
5	.1297
6	.5432
7	.5138
8	.2074
9	.0885
10	.3147
11	.0133
12	.4832
13	.3479
14	.1601
15	.0972
16	.0349
17	.0000
18	.4487
19	.3956
20	.2088
21	.0789
22	.0355
23	.0265
24	.0000
25	.5929
26	.2872
27	.1637
28	.1027
29	.0186
30	.2384
31	.0815
32	.0000
33	.1255
34	.0345
35	.1052

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70 - 66
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.5559
2	.2653
3	.6634
4	.1785
5	.1654
6	.6444
7	.5913
8	.2691
9	.1167
10	.3710
11	.0133
12	.5410
13	.4404
14	.2472
15	.1327
16	.0410
17	.0000
18	.5397
19	.5036
20	.2845
21	.0939
22	.0451
23	.0280
24	.0000
25	.7241
26	.4038
27	.2476
28	.1645
29	.0186
30	.3662
31	.1032
32	.0000
33	.1663
34	.0364
35	.1389

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70 - 66
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	CONCENTRATION (PPM)
1	.5622
2	.2657
3	.6942
4	.2280
5	.1720
6	.7100
7	.6328
8	.3550
9	.1651
10	.4198
11	.0138
12	.5711
13	.5711
14	.4355
15	.2111
16	.0460
17	.0000
18	.6522
19	.7500
20	.6222
21	.1818
22	.0950
23	.0280
24	.0000
25	1.0442
26	.7622
27	.4902
28	.3073
29	.0188
30	.7591
31	.2026
32	.0000
33	.3432
34	.0627
35	.2848

--- KAHE POWER PLANT MODEL STUDY ---

CONCENTRATION DATA FOR RUN NO. 70 - 66
WIND DIRECTION: 0 DEG.

UNITS: 10 5 6 7 8
STACK HEIGHT (M) 91
APPROACH VELOCITY (M/SEC) 13.26
OPERATING LEVEL (%) 75.

LOCATION	PROTOTYPE CONCENTRATION (PPM)
1	.5627
2	.2662
3	.6957
4	.2382
5	.1720
6	.7134
7	.6373
8	.3672
9	.1727
10	.4214
11	.0133
12	.5747
13	.5714
14	.4617
15	.2018
16	.0470
17	.0000
18	.6751
19	.7900
20	.6500
21	.1929
22	.0974
23	.0280
24	.0000
25	1.0889
26	.8241
27	.5392
28	.3263
29	.0187
30	.8252
31	.2143
32	.0000
33	.3628
34	.0644
35	.3043