

STATION

Sheet No.

51

Span _____ Zero _____ Freezer Temp. _____

Date May 10, 1962

One ordinate - _____ppm

Flow _____ lpm _____ Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(29) 12.70

12.89

318.40

[illegible]

CARBON DIOXIDE DATA

STATION

slo Pier

Sheet No.

50

Span _____ Zero _____ Freezer Temp. _____

Date May 9, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(94) 13.71

13.91

319.42

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	13.4	13.7				13.6											
0100	-	-				-											
0130	-	12.5				12.5											
0200	13.9	13.5				13.2											
0230	13.0	12.0				12.0											
0300	13.1	13.8				13.5											
0330	14.0	13.6				13.8											
0400	13.4	13.5				13.4											
0430	13.4	13.8				13.6											
0500	14.3	14.7				14.5											
0530	15.2	15.8				15.5											
0600	15.9	16.1				16.0											
0630	16.0	15.8				15.9											
0700	16.4	16.2				16.3											
0730	17.4	12.2				15.8											
0800		16.6				16.6											
0830	16.6	16.7				16.6											
0900	17.2	17.2				17.2											
0930	17.4	17.2				17.3											
1000	17.8	18.6				18.2											323.98 18.47
1030	15.2	16.3				15.8											
1100	16.8	16.6				16.7											
1130	16.7	16.7				16.7											
1200	15.3	14.6				15.0											
1230	12.0	11.6				11.8											
1300	12.4	11.8				12.1											
1330	11.4	11.9				11.6											317.28 11.77
1400	11.8	12.3				12.0											
1430	12.2	12.6				12.4											
1500	12.0	12.3				12.2											
1530	12.4	12.9				12.6											
1600	12.5	12.7				12.6											
1630	12.4	12.5				12.4											
1700	12.5	12.4				12.4											
1730	12.4	12.4				12.4											
1800	12.4	12.2				12.3											
1830	12.3	12.3				12.3											
1900	12.3	12.5				12.4											
1930	12.3	12.7				12.5											
2000	12.6	12.7				12.6											
2030	11.6	12.5				12.0											
2100	12.3	12.4				12.4											
2130	12.1	12.1				12.1											
2200	12.1	12.4				12.3											
2230	12.5	12.7				12.6											
2300	12.8	13.0				12.9											
2330	12.6	13.2				12.9											305.51/12.24
2400	12.9	13.4				13.3											

HN 35.13-3

CARBON DIOXIDE DATA

STATION

510 Pier

Sheet No.

49

Span _____ Zero _____ Freezer Temp. _____

Date May 8, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(98) 12.33

12.51

318.02

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	11.8	11.6				11.7											
0100	12.1	11.9				12.0											
0130	11.8	11.9				11.8											
0200	11.8	12.7				12.2											
0230	12.6	12.4				12.5											
0300	12.2	12.0				12.1											
0330	12.9	13.2				13.1											
0400	13.1	11.6				12.3											
0430	12.9	13.4				13.1											
0500	12.6	12.2				12.4											
0530	12.0	12.1				12.0											
0600	12.5	13.3				12.9											
0630	13.6	13.8				13.7											
0700	11.9	11.7				11.8											
0730	12.1	11.3				12.5											
0800	11.9	11.7				11.8											
0830	12.2	12.2	12.3			12.2											
0900	12.2	11.5				11.9											
0930	11.9	11.9				11.9											
1000	11.8	11.9				11.8											
1030	13.7	13.9				13.8											
1100	11.8	11.9				11.8											
1130	12.0	11.7				11.9											
1200	12.2	11.2				11.7											
1230	12.0	11.6				11.8											
1300	11.7	11.8				11.8											
1330	11.3	11.7				11.5											
1400	11.8	12.4				12.1											
1430	12.2	12.1				12.2											
1500	12.0	12.2				12.1											
1530	12.0	12.3				12.2											
1600	12.8	12.7				12.8											
1630	12.2	12.4				12.3											
1700	11.7	12.5				12.1											
1730	12.1	12.4				12.3											
1800	11.9	12.4				12.1											
1830	12.0	12.4				12.2											
1900	12.2	12.4				12.3											
1930	12.1	12.4				12.3											
2000	11.8	11.9				11.8											
2030	11.9	12.2				12.1											
2100	11.8	12.2				12.0											
2130	12.0	12.0				12.0											
2200	12.2	12.0				12.1											
2230	14.2	12.7				13.4											
2300	13.8	12.8				12.9											
2330	13.4	14.1				13.8											
2400	-	14.5				14.4											

NN 13.93149

320.12

14.61

305.51/17.74

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

48

Span _____ Zero _____ Freezer Temp. _____

Date May 7, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(98) 12.59

12.77

31828

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	12.1	12.3				12.2											
0100	12.9	12.8				12.8											
0130	11.7	12.8				12.3											
0200	12.8	12.2				12.5											
0230	14.9	14.5				14.7											
0300	14.3	14.8				14.5											
0330	14.8	14.8				14.6											
0400	14.9	15.4				15.1											
0430	15.2	15.6				15.4	321.34										
0500	15.6	15.7				15.6	15.83										
0530	14.8	14.2				14.5											
0600	14.5	15.9				15.2											
0630	14.7	14.4				14.6											
0700	13.9	13.6				13.8											
0730	13.3	13.9				13.6											
0800	13.5	13.2				13.4											
0830	13.5	13.5				13.5											
0900	11.7	12.1				11.9											
0930	11.6	11.9				11.8											
1000	12.0	12.1				12.0											
1030	12.0	11.8				11.9											
1100	11.7	11.8				11.8											
1130	11.9	11.9				11.9											
1200	12.1	11.7				11.9											
1230	12.0	11.5				11.7											
1300	12.0	11.9				12.0											
1330	11.4	11.8				11.6											
1400	11.4	12.2				11.8											
1430	11.4	11.9				11.6											
1500	11.3	12.0				11.7											
1530	11.5	11.6				11.6											
1600	11.7	11.8				11.8											
1630	11.7	11.6				11.6											
1700	11.6	11.9				11.8											
1730	11.3	11.3				11.3											
1800	11.5	11.7				11.6											
1830	11.8	11.9				11.8											
1900	11.7	11.7				11.7											
1930	11.5	11.7				11.6											
2000	11.7	11.6				11.6											
2030	11.8	11.9				11.8											
2100	11.4	11.7				11.6											
2130	11.4	11.6				11.5	317.18										
2200	12.3	12.6				12.5	11.67										
2230	12.4	12.4				12.4											
2300	12.2	12.2				12.2											
2330	12.0	12.7				12.4											305.51/10.74
2400	12.6	11.8				12.0											

HN 11.7, 11.9

CARBON DIOXIDE DATA

STATION

Suo Pien

Sheet No.

47

Span _____ Zero _____ Freezer Temp. _____

Date May 6, 1962

One ordinate - _____ ppm

Flow _____ lpm _____ Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(65) 12.35
12.53

31804

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	Out of Ink
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830		15.0				15.0											3211.03
0900	15.0	15.6				15.3											15.52
0930	15.4	14.6				15.0											
1000	14.2	14.2				14.2											
1030	13.8	13.3				13.5											
1100	13.2	12.9				13.1											
1130	13.2	12.9				13.1											
1200	12.9	12.4				12.6											
1230	11.3	12.2				11.7											
1300	12.2	12.2				12.2											
1330	12.2	12.4				12.3											
1400	12.1	12.4				12.3											
1430	11.9	12.2				12.1											
1500	12.0	12.0				12.0											
1530	12.0	12.3				12.2											
1600	10.9	12.2				11.5											
1630	11.4	12.1				11.8											
1700	11.3	12.4				11.7											
1730	11.6	12.1				11.8											
1800	11.6	12.4				12.0											
1830	12.0	12.0				12.0											
1900	12.2	12.2				12.2											
1930	11.7	12.2				11.9											
2000	12.0	12.0				12.0											
2030	11.3	10.6				11.0											316.67
2100	11.7	11.7				11.7											11.16
2130	11.7	11.6				11.6											
2200	11.5	11.7				11.6											
2230	11.7	11.7				11.7											
2300	11.7	11.6				11.6											
2330	12.0	11.9				12.0											305.51/17.74
2400	11.7	11.9				12.0											

HN 12.1, 12.5

CARBON DIOXIDE DATA

STATION

slo Pier

Sheet No.

46

Span _____ Zero _____ Freezer Temp. _____

Date May 5, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(64) 15.07

15.29

320.80

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	15.2	14.9				15.1											
0100	15.0	14.7				14.9											
0130	15.0	15.0				15.0											
0200	15.4	15.7				15.6											
0230	15.9	16.0				16.0											
0300	16.1	16.3				16.2											
0330	16.3	16.4				16.4											
0400	16.0	16.7				16.4											
0430	17.2	17.0				17.1											
0500	17.0	17.2				17.1											
0530	17.0	17.1				17.0											
0600	17.4	17.2				17.3											
0630	17.2	17.7				17.4											323.17
0700	17.3	17.0				17.2											17.66
0730	17.3	17.1				17.2											
0800	17.2	17.5				17.4											
0830		16.9				16.9											
0900	16.1	17.3				16.7											
0930	16.3	14.7				15.5											
1000	15.4	15.2				15.3											
1030	15.1	14.4				14.8											
1100	14.8	13.8				14.3											
1130	13.5	13.0				13.2											
1200	12.9	12.9				12.9											
1230	12.9	12.9				12.9											
1300	12.7	12.5				12.6											
1330	12.4	12.7				12.6											
1400	12.7	12.9				12.8											
1430	13.2	13.3				13.2											
1500	13.4	13.4				13.4											
1530	12.7	12.7				12.7											
1600	11.7	12.4				12.1											
1630	11.9					11.9											317.58
1700																	12.07
1730																	Out of tank
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	305.57/12.74
2400																	

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

45

Span _____ Zero _____ Freezer Temp. _____

Date May 4, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(99) 13.82

14.02

319.53

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	137	137				13.7											
0100	138	143				14.0											
0130	144	142				14.3											
0200	144	147				14.6											
0230	145	138				14.2											
0300	148	15.0				14.9											
0330	149	147				14.8											
0400	149	149				14.9											
0430	143	147				14.5											
0500	139	138				13.8											
0530	139	13.9				13.9											
0600	139	137				13.8											
0630	138	138				13.8											
0700	140	14.0				14.0											
0730	139	15.0				14.5											
0800	128	14.0				13.4											
0830	15.0	15.0	15.6			15.2											
0900	15.4	16.3				15.8											
0930	16.5	16.4				16.4											322.15
1000	16.4	16.3				16.4											16.64
1030	15.7	14.6				15.2											
1100	15.0	15.6				15.3											
1130	15.4	13.5				14.5											
1200	13.6	13.8				13.7											
1230	13.3	13.2				13.3											
1300	12.8	12.9				12.8											
1330	12.8	12.7				12.8											
1400	12.6	12.7				12.6											
1430	13.0	12.4				12.7											
1500	12.6	12.7				12.6											
1530	12.5	11.9				12.2											
1600	12.4	12.4				12.4											
1630	12.2	12.2				12.2											317.79
1700	12.0	12.2				12.1											12.28
1730	11.9	12.2				12.1											
1800	12.0	12.4				12.2											
1830	12.3	12.3				12.3											
1900	12.7	12.7				12.7											
1930	12.9	12.9				12.9											
2000	13.4	13.5				13.4											
2030	15.0	14.2				14.6											
2100	14.9	15.2				15.1											
2130	14.2	12.7				13.5											
2200	13.4	13.7				13.6											
2230	13.8	13.6				13.7											
2300	13.7	13.4				13.6											
2330	13.2	13.5				13.4											
2400	13.5	14.5				14.2											

HN/ 4.2; 14.5

305.51/17.74

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

44

Span _____ Zero _____ Freezer Temp. _____

Date May 3, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(77) 19.18
19.46

324.97

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	24.1	24.5				24.3											
0100	22.7	23.7				23.2											
0130	21.8	19.8				20.8											
0200	19.3	19.3				19.3											
0230	12.7	18.3				18.0											
0300	16.8	17.4				17.1											
0330	17.4	18.5				18.0											
0400	24.8	24.9				24.8											
0430	26.4	26.4				26.4											
0500	29.3	31.7				30.5											
0530	32.5	32.8				32.7											
0600	38.5	39.3				38.9											
0630	40.9	40.5				40.7											
0700	32.6	33.6				35.6											
0730	34.0	34.8				34.4											
0800	33.6	33.7				33.6											
0830	34.5	34.5				34.5											
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230		14.5				14.5											
1300	13.8	14.1				14.0											
1330	13.8	14.8				14.3											
1400	13.9	14.4				14.1											
1430	14.4	13.8				14.1											
1500						-											
1530		12.8				12.8											
1600	12.4	12.4				12.4											
1630	12.3	12.4				12.4											
1700	12.5	13.0				12.7											
1730	12.6	12.4				12.5											
1800	12.2	12.7				12.4											
1830	12.9	12.7				12.8											
1900	13.1	12.3				12.7											
1930	13.4	14.0				13.7											
2000	14.0	14.6				14.3											
2030	15.4	15.3				15.4											
2100	15.3	13.9				14.6											
2130	14.7	15.0				14.9											
2200	15.4	14.6				15.0											
2230	15.0	15.0				15.0											
2300	15.0	14.1				14.5											
2330	13.9	14.1				14.0											
2400	13.5	13.7				13.6											

305.51/17.74

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

43

Span _____ Zero _____ Freezer Temp. _____

Date May 2, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(93) 19.20

19.48

324.99

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	174	188				181											
0100	187	182				184											
0130	172	178				171											
0200	175	196				185											
0230	185	191				188											
0300	167	192				179											
0330	162	172				167											
0400	195	209				202											
0430	178	186				182											
0500	190	167				179											
0530	204	179				191											
0600	214	204				209											
0630	206	204				205											
0700	205	194				200											
0730	187					187											
0800						—											
0830		194				194											
0900	195	245				220											
0930	245	240				242											332.80
1000	264	274				269											2729
1030	252	264				258											
1100	251	266				259											
1130	254	246				250											
1200	212	211				212											
1230	217	221				219											
1300	224	234				229											
1330	180	185				182											
1400	146	149				147											
1430	166	196				181											
1500	207	203				205											
1530	174	155				165											
1600	149	149				149											
1630	140	141				140											
1700	138	134				136											
1730	133	134				134											
1800	133	133				133											
1830	128	133				130											318.70
1900	133	130				132											13.19
1930	134	158				146											
2000	177	218				197											
2030	197	193				195											
2100	204	186				195											
2130	—	239				239											
2200	225	204				214											
2230	204	222				213											
2300	213	194				204											
2330	186	184				185											305.51 / 1274
2400	163	211				200											

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

42

Span _____ Zero _____ Freezer Temp. _____

Date May 1, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(74) 19.11

19.39

324.90

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	225	239				23.2	331.08										
0100	257	248				252	25.57										
0130	240	233				237											
0200	212	-				21.2											
0230	230	223				227											
0300	213	200				20.6											
0330	194	233				214											
0400	207	219				213											
0430	200	201				200											
0500	238	206				21.2											
0530	211	218				215											
0600	224	228				226											
0630	236	204				22.0											
0700	194	-				194											
0730	-	-				-											
0800	193	206				199											
0830	200					20.0											
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330		144				144											
1400	154	156				155											
1430	158	159				158											
1500	157	154				156											
1530	150	149				15.0											
1600	142	143				142											
1630	138	137				138	319.57										
1700	141	143				142	14.00										
1730	145	150				147											
1800	147	152				149											
1830	146	150				148											
1900	174	178				176											
1930	190	187				189											
2000	192	196				194											
2030	194	197				196											
2100	204	206				205											
2130	210	202				204											
2200	200	212				206											
2230	206	207				206											
2300	190	189				19.0											
2330	180	184				182											305.51 / 1774
2400	195	219				199											

HN 19.35 / 18.9

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

41

Span _____ Zero _____ Freezer Temp. _____

Date April 30, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(98) 18.17

18.44

323.95

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.9	20.7				19.2											
0100	18.8	19.9				19.4											
0130	27.0	20.7				23.9											329.76
0200	19.8	19.0				19.4											24.25
0230	20.1	19.2				19.6											
0300	18.2	18.9				18.6											
0330	17.5	17.5				17.5											
0400	17.6	17.5				17.6											
0430	17.9	18.0				18.0											
0500	18.8	17.5				18.1											
0530	16.3	15.4				15.8											
0600	15.3	15.0				15.2											
0630	14.6	16.5				15.6											
0700	15.0	20.2				17.1											
0730	16.7	16.8				16.8											
0800	16.2	16.3				16.2											
0830	15.9	15.7	15.0			15.5											
0900	15.6 16.0	15.7				15.9											
0930	16.7	16.7				16.7											
1000	16.7	16.8				16.8											
1030	18.8	19.4				19.1											
1100	19.6	18.8				19.2											
1130	18.7	17.6				18.0											
1200	16.5	16.8				16.7											
1230	17.7	17.5				17.6											
1300	17.2	17.8				17.5											
1330	15.8	14.3				15.1											318.29
1400	17.2	13.1				12.6											12.78
1430	13.0	14.1				13.6											
1500	18.6	18.6				18.6											
1530	19.0	19.7				19.4											
1600	19.5	20.6				20.1											
1630	21.6	25.4				23.5											
1700	26.2	24.7				25.5											
1730	21.0	14.9				17.9											
1800	15.1	15.1				15.1											
1830	17.9	18.6				18.3											
1900	17.8	17.4				17.6											
1930	17.6	17.7				17.6											
2000	17.8	17.4				17.6											
2030	19.9	18.2				18.9											
2100	-	21.9				21.9											
2130	18.1	21.7				19.9											
2200	20.8	20.2				20.3											
2230	20.4	20.1				20.3											
2300	18.7	19.1				18.9											
2330	21.4	20.6				21.0											305.51 / 17.74
2400	18.0	20.7				21.2											

HN 19.6 / 26.6

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

40

Span _____ Zero _____ Freezer Temp. _____

Date April 29, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(59) 13.20

13.39

31890

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100																	Unexplained Analyzer
0130																	difficulties. Traces
0200																	too rough to line
0230																	out.
0300																	
0330																	
0400																	
0430																	
0500																	
0530	13.0	13.0				13.0											
0600	13.3	13.0				13.2											
0630	12.8	12.5				12.7											
0700	12.4	12.9				12.6											
0730	12.3	12.9				12.7											
0800	12.5	12.8				12.7											
0830	-	-				-											
0900	12.7	12.7				12.7											
0930	12.8	-				12.8											
1000	-	12.5				12.5											
1030	-	-				-											
1100	-	12.5				12.5											
1130	12.5	12.3				12.4											
1200	-	-				-											
1230	-	-				-											
1300						-											
1330	12.6	13.0				12.8											
1400	12.0	12.7				12.4											
1430	12.5	-				12.5											
1500	-	-				-											
1530	12.2	12.6				12.4											
1600	12.6	12.8				12.7											
1630	12.6	11.7				12.1											317.79
1700	12.0	12.7				12.4											12.28
1730	12.8	12.4				12.6											
1800	12.4	12.6				12.5											
1830	12.5	12.7				12.6											
1900	12.5	12.6				12.6											
1930	12.5	12.7				12.6											
2000	12.5	12.8				12.7											
2030	12.7	13.0				12.9											
2100	12.4	12.5				12.4											
2130	13.3	13.9				13.6											
2200	15.8	14.6				15.2											
2230	18.0	17.0				17.5											323.29
2300	-	16.4				16.4											12.76
2330	15.6	15.9				15.8											305.51 / 17.74
2400	16.2	16.9				16.6											

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

39

Span _____ Zero _____ Freezer Temp. _____

Date April 28, 1962

One ordinate - _____ ppm

Flow _____ lpm Working Ref. Tank 1540 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(34) 13.82

14.02

319.53

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	13.4	13.4				13.4											Unexplained Analyzer difficulties
0100	14.3	14.2				14.3											
0130	13.8	13.7				13.8											
0200	13.8	14.0				13.9											
0230	14.0	15.0				14.5											
0300	14.7	15.0				14.9											
0330	13.9	13.9				13.9											
0400	14.7	14.0				14.4											
0430	14.2	14.0				14.1											
0500	13.9	14.0				14.0											
0530	14.4	14.4				14.4											
0600	14.0	14.6				14.3											
0630	15.8	15.0				15.4											
0700	12.7	12.2				12.4											
0730	12.7	-				12.7											
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530	12.9					12.9											
1600	12.0	12.9				12.4											
1630	12.4	12.0				12.2											
1700																	
1730																	
1800																	
1830																	
1900																	
1930																	
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	
2400																	

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

38

Span 340 Zero 460 Freezer Temp. -52°F

Date April 27, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 1540

From Ref tank test of

Tank Press. 2050 psi Obs.

(63) 15.17

15.39

320.90

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS	
0030	19.0	19.8				19.4												
0100	18.2	17.2				17.7												
0130	14.6	14.4				14.5												
0200	14.6	14.8				14.7												
0230	16.0	15.4				15.7	327.63											
0300	22.5	21.2				21.8	22.12											
0330	21.0	19.9				20.5												
0400	19.4	19.2				19.3												
0430	18.0	17.5				17.7												
0500	15.6	15.6				15.6												
0530	14.4	14.6				14.5												
0600	14.6	14.4				14.5												
0630	14.9	15.3				15.1												
0700	15.7	15.6				15.6												
0730	16.0	15.4				15.7												
0800	15.8	16.5				16.2												
0830	16.3	16.4				16.4												
0900	16.3	16.0				16.2												
0930																		
1000																		TRAP FROZEN
1030																		
1100																		
1130																		
1200																		
1230																		
1300																		
1330																		
1400																		
1430																		
1500																		
1530																		
1600																		
1630																		
1700																		
1730		11.6				11.6	317.28											
1800	12.6	12.2				12.4	11.77											
1830	12.6	12.8				12.7												
1900	12.8	13.0				12.9												
1930	13.2	12.8				13.0												
2000	12.7	13.0				12.9												
2030	12.9	13.0				13.0												
2100	13.5	13.4				13.4												
2130	12.7	12.9				12.8												
2200	13.4	13.4				13.4												
2230	13.9	14.1				14.0												
2300	13.6	13.4				13.5												
2330	13.4	13.8				13.6												305.51/17.74
2400	13.4	13.4				13.4												

CARBON DIOXIDE DATA

STATION

S10 Pieu

Sheet No.

37

Span 340 Zero 460 Freezer Temp. -58°F

Date April 26, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 1540 From Ref tank test of

Tank Press. 2120 psi Obs.

(67) 14.11

14.32

319.83

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	12.4	12.7				12.6											12.6
0100	12.6	12.6				12.6											
0130	12.2	12.4				12.3											317.99
0200	12.4	12.6				12.5											12.48
0230	12.4	12.4				12.4											
0300	12.3	12.4				12.4											
0330	12.6	12.4				12.5											
0400	12.4	12.7				12.6											
0430	12.7	12.4				12.6											
0500	15.8	16.3				16.0											
0530	-	-				-											
0600	-	15.5				15.5											
0630	15.4	13.8				14.6											
0700	13.0	13.5				13.2											
0730	13.7	13.1				13.4											
0800	13.2	13.4				13.3											
0830	12.7	13.0				12.9											
0900	12.9	13.2				13.1											
0930	12.9	12.6				12.8											
1000	13.1	13.0				13.0											
1030	12.8	12.7				12.8											
1100	12.6	12.9				12.8											
1130	12.6	13.0				12.8											
1200	12.9	13.0				13.0											
1230	12.9	12.9				12.9											
1300	12.8					12.8											
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830	12.6	13.2				12.3											
1900	14.5	14.5				14.5											
1930	13.6	14.4				14.0											
2000	14.4	15.5				15.0											
2030	13.6	14.0				13.8											
2100	-	-				-											
2130	14.6	16.0				15.3											
2200	-	-				-											
2230	-	-				-											
2300	19.4	-				19.4											
2330	20.7	23.6				22.1											305.51 / 12.74
2400	22.5	22.5				21.2											22.42

HN 19.9 / 20.1

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

36

Span

340

Zero

460

Freezer Temp.

-58°F

Date

April 25, 1962

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press.

200

psi

Obs.

(36) 16.06, 16.30 = 318.14

(44) 12.72

318.42

318.29

12.91

REMARKS

L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	17.8	16.9			17.3	217.39										
0100	16.1	15.9			16.0	17.55										
0130	16.5	16.2			16.4											
0200	15.9	15.5			15.7											
0230	16.0	16.1			16.0											
0300	15.8	16.0			15.9											
0330	15.9	16.4			16.1											
0400	16.2	16.8			16.5											
0430	16.4	16.2			16.3											
0500	16.6	16.5			16.6											
0530	16.0	15.9			16.0											
0600	16.2	15.4			15.8											
0630	15.7	15.4			15.6	317.67										
0700	16.5	15.8			16.2	15.83										
0730	15.4	15.7			15.6											
0800	15.8	15.8			15.8											
0830	15.7	15.7			15.7											
0900	15.5	15.8			15.7											
0930																
1000																
1030																
1100																
1130																
1200																
1230																
1300																
1330						318.90										
1400	12.9	13.5			13.2	13.39										
1430	13.0	13.0			13.0											
1500	13.0	12.9			13.0											
1530	12.6	12.8			12.7											
1600	12.9	12.9			12.9											
1630	12.7	12.9			12.8											
1700	12.7	13.2			12.9											
1730	13.0	12.9			13.0											
1800	12.9	12.9			12.9											
1830	12.8	12.7			12.8											
1900	12.7	13.0			12.9											
1930	12.5	12.7			12.6											
2000	12.7	12.7			12.7											
2030	12.6	12.6			12.6											
2100	12.6	12.7			12.6											
2130	12.5	12.3			12.4											
2200	12.3	12.4			12.4											
2230	12.3	12.4			12.4											
2300	12.1	12.8			12.5											
2330	12.4	12.2			12.3	317.99										
2400	12.4	13.4			12.8	12.48										

11/20/12.5

Change Tanks

to 1540

301.84/12.74

305.51/12.74

CARBON DIOXIDE DATA

STATION

810 Pier

Sheet No.

35

Span 340 Zero 460 Freezer Temp. -57°F

Date April 24, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 290 psi Obs.

(95) 16.61

1685

318.69

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	180	185				18.2											
0100	187	195				19.1											
0130	189	190				19.0	321.52										
0200	194	194				19.4	19.68										
0230	190	184				18.7											
0300	183	183				18.3											
0330	125	123				12.4											
0400	125	123				12.4											
0430	123	123				12.3											
0500	122	125				12.4											
0530	180	125				12.7											
0600	122	126				12.4											
0630	127	124				12.6											
0700	126	124				12.5											
0730	127	129				12.8											
0800	124	120				12.2											
0830	120	127				12.4											
0900	128	125				12.7											
0930	124	—				12.4											
1000	127	124				12.5											
1030	121	125				12.3											
1100	129	120				12.4											
1130	122	129				12.6											
1200	129	121				12.5											
1230	129	127				12.8											
1300	127	127				12.7											
1330	126	128				12.7											
1400	126	126				12.6											
1430	124	127				12.6											
1500	126	128				12.7											
1530	126	128				12.7											
1600	124	126				12.5											
1630	122	124				12.3	317.36										
1700	121	128				12.5	15.52										
1730	122	120				12.1											
1800	126	120				12.3											
1830	128	126				12.7											
1900	125	124				12.4											
1930	129	127				12.8											
2000	124	120				12.2											
2030	129	127				12.8											
2100	126	129				12.8											
2130	125	125				12.5											
2200	126	129				12.8											
2230	122	122				12.2											
2300	125	127				12.6											
2330	124	127				12.6											
2400	127	121				12.4											

301.84/12.74

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

34

Span 340 Zero 460 Freezer Temp. -56°F

Date April 23, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 380 psi Obs.

(63)20.07

20.36

322.20

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100																	
0130																	TRAP FROZEN
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930	344	390				36.7				340.59							
1000	374	390				37.7				38.25							
1030	387	285				33.6											
1100	29.4	252				27.3											
1130	21.6	190				20.3											
1200	18.8	186				18.7											
1230	18.6	183				18.5											
1300	18.4	190				18.7											
1330	18.4	186	18.2			18.6											
1400	18.5	187				18.6											
1430	19.0	182				18.6											
1500	18.5	186				18.6											
1530	18.0	178				17.9											
1600	18.2	180				18.1											
1630	18.0	180				18.0											
1700	17.4	178				17.6											
1730	17.5	180				17.7											
1800	17.4	174				17.4											
1830	17.4	177				17.6											
1900	17.8	174				17.6											
1930	17.0	173				17.2											
2000	17.4	178				17.6											
2030	17.8	180				17.9											
2100	18.4	186				18.5											
2130	18.3	186				18.5											
2200	18.7	180				18.4											
2230	17.0	170				17.0				318.09							
2300	17.6	174				17.5				17.25							
2330	17.5	175				17.5											301.84/177
2400	17.6	180				17.6											

HN 7.3, 17.5

17.6

CARBON DIOXIDE DATA

STATION

310 Pier

Sheet No.

33

Span

340

Zero

460

Freezer Temp.

-55 °F

Date

April 22, 1962

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press.

430

psi

Obs.

(76) 26.36

26.75

328.59

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	268	277				272											
0100	-	-				-											
0130	294	296				295											
0200	300	314				307											
0230	275	266				270											
0300	225	229				227											
0330	272	225				227											
0400	232	228				230											
0430	235	239				237											
0500	243	236				240											
0530	249	235				242											
0600	235	240				237											
0630	253	247				250											
0700	235	305				270											
0730	285	288				287											
0800	240	240				240											
0830	246	250				248											
0900	290	291				290											
0930	289	305				297											
1000	319	329				324											
1030	329	343				336											
1100	344	324				334											
1130	320	320				320											
1200	275	281				278											
1230	296	272				287											
1300	270	269				270											
1330	267	261				264											
1400	257	256				256											
1430	256	254				255											
1500	254	253				252											
1530	248	227				237											
1600	200	190				195											
1630	185	183				184											
1700	199	241				220											
1730	222	242				235											
1800	205	253				229											
1830	211	229				220											
1900	215	234				225											
1930	229	231				230											
2000																	
2030																	
2100																	TRAP FROZEN
2130																	
2200																	
2230																	
2300																	
2330																	
2400																	301.84 / 17.74

Span 340 Zero 460 Freezer Temp. -57°F

Date April 21, 1962

Flow 0.25 lpm min Working Ref. Tank 590F

One ordinate - _____ppm

Tank Press. 500 psi Obs. _____

From Ref tank test of _____

(92) 22.14

22.46

324.30

[illegible]

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No. 31

Span 340 Zero 460 Freezer Temp. - 56°F

Date April 20, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 570 psi Obs.

(94) 18.91

19.19

321.03

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.0	16.0				16.0											
0100	16.4	17.4				16.9											
0130	18.3	17.7				18.0											
0200	18.8	18.4				18.6											
0230	18.8	18.6				18.7											
0300	19.9	19.9				19.4											
0330	20.0	19.9				20.0											
0400	20.9	21.0				21.0											
0430	22.0	23.0				22.5											
0500	23.0	24.0				23.5											
0530		22.4				22.4	326.90										
0600	25.0	24.3				24.7	25.06										
0630	21.7					21.7											
0700	22.0	22.0				22.0											
0730	19.9	20.4				20.1											
0800	18.9	18.1				18.5											
0830	16.5	17.0	17.0			16.8											
0900	16.9	17.1	17.5			17.2											
0930	17.4	17.0				17.2											
1000	17.3	17.1				17.2											
1030	17.5	17.2				17.4											
1100	17.1	17.1				17.1											
1130	17.2	17.6				17.4											
1200	19.0	18.4				18.7											
1230	18.5	18.7				18.6											
1300	19.2	19.0				19.1											
1330	19.0	19.8				19.4											
1400	19.7	19.4				19.6											
1430	17.8	18.0				17.9											
1500	18.3	17.0				17.6											
1530	16.7	17.7				17.2											
1600	16.6	17.0				16.8											
1630	18.0	16.9				17.5											
1700	16.3	16.3				16.3											
1730	15.2	15.7				15.4	317.47										
1800	15.4	15.9				15.6	15.63										
1830	15.9	15.9				15.9											
1900	16.0	15.9				16.0											
1930	15.9	16.4				16.1											
2000	20.7	20.1				20.4											
2030	20.6	20.3				20.5											
2100	24.1	24.1				24.1											
2130	22.8	20.7				21.7											
2200	-	-				-											
2230	22.4	23.3				22.8											
2300	22.1	20.7				21.4											
2330	19.7	19.7				19.7											301.84/17.74
2400	19.6	-				21.5											

HL 23.4

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

30

Span 340 Zero 460 Freezer Temp. - 50°F

Date April 19, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362

From Ref tank test of

Tank Press. 640 psi Obs.

(97) 15.76

15.99

317.83

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.5	16.9				16.7	319.70										
0100	17.7	17.5				17.6	17.86										
0130	16.8	16.8				16.8											
0200	15.5	15.5				15.5											
0230	15.2	15.2				15.2											
0300	15.0	15.3				15.2											
0330	15.2	15.5				15.4											
0400	15.5	15.3				15.4											
0430	15.0	15.3				15.2											
0500	15.3	16.0				15.4											
0530	15.9	15.2				15.6											
0600	15.5	15.0				15.2											
0630	15.0	15.1				15.0	317.06										
0700	15.1	15.0				15.0	15.22										
0730	15.0	15.0				15.0											
0800	15.6	15.1				15.3											
0830	15.6	15.8				15.7											
0900		15.0				15.0											
0930	15.4	15.6				15.5											
1000	15.7	15.9				15.8											
1030	16.0	16.2				16.1											
1100	16.2	16.2				16.2											
1130	16.2	15.9				16.1											
1200	16.3	16.2				16.2											
1230	16.3	16.2				16.2											
1300	16.0	16.2				16.1											
1330	16.5	16.5				16.5											
1400	17.1	16.4				16.8											
1430	15.9	16.3				16.1											
1500	15.6	15.8				15.7											
1530	15.9	16.2				16.1											
1600	15.8	16.1				16.0											
1630	16.0	16.0				16.0											
1700	15.7	15.9				15.8											
1730	15.6	16.0				15.8											
1800	15.6	16.5				16.0											
1830	16.0	16.0				16.0											
1900	15.4	15.2				15.3											
1930	15.2	15.3				15.2											
2000	15.4	15.7				15.6											
2030	15.4	15.7				15.6											
2100	15.2	15.4				15.3											
2130	15.4	15.5				15.4											
2200	15.5	15.5				15.5											
2230	15.6	16.0				15.8											
2300	15.7	15.6				15.6											
2330	15.7	16.0				15.7											301.84/17.74
2400	15.6	15.6				15.7											

HN 15.5, 16.0

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

29

Span 340 Zero 460 Freezer Temp. -56°F

Date April 18, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 700 psi Obs.

(75) 16.65

16.89

318.23

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	15.7	15.6				15.6											
0100	15.8	15.9				15.8											
0130	16.2	16.3				16.2											
0200	16.9	17.2				17.1											
0230	19.0	—				19.0											
0300	—	19.2				19.2											
0330	19.0	18.9				19.0											
0400	19.5	19.5				19.5											
0430	20.2	20.6				20.4											
0500	20.6	20.8				20.7											
0530	21.0	20.8				20.9											323.05
0600	21.2	20.0				20.6											21.21
0630	18.2	17.5				17.9											
0700	17.1	16.9				17.0											
0730	16.6	16.5				16.6											
0800	16.5	16.1				16.3											
0830	16.5	16.2				16.4											
0900	16.6					16.6											
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430	16.2	15.7				15.9											
1500	15.7	15.5				15.6											
1530	15.5	15.2				15.4											
1600	15.3	15.2				15.2											
1630	15.5	15.7				15.6											
1700	15.7	15.8				15.8											
1730	15.2	14.7				14.9											316.96
1800	15.5	15.6				15.6											15.12
1830	15.6	15.5				15.6											
1900	15.4	15.4				15.4											
1930	15.2	15.3				15.2											
2000	15.4	15.3				15.4											
2030	15.2	15.2				15.2											
2100	15.2	15.6				15.4											
2130	15.4	15.9				15.6											
2200	16.3	16.5				16.4											
2230	16.5	16.1				16.3											
2300	16.4	15.4				15.9											
2330	15.6	15.4				15.5											301.84/17.74
2400	15.5	15.6				15.6											

HN 15.4, 15.9

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

28

Span

340

Zero

460

Freezer Temp.

-55°F

Date

April 17, 1962

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press.

760

psi

Obs.

(97) 18.82

19.10

320.94

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	24.9	24.9				24.9	327.11										
0100	21.3	21.6				21.5	25.27										
0130	18.5	19.9				19.2											
0200	20.1	19.6				19.8											
0230	19.7	20.5				20.1											
0300	21.3	19.7				20.5											
0330	22.2	22.5				22.4											
0400	22.4	20.4				21.4											
0430	20.9	21.3				21.1											
0500	23.0	22.3				22.2											
0530	21.5	20.4				21.0											
0600	21.2	21.3				21.2											
0630	22.3	21.5				22.4											
0700	22.2	23.8				23.0											
0730	25.0	23.5				24.3											
0800	24.0	23.6				23.8											
0830	22.1	22.1				22.1											
0900	22.3	22.6				22.5											
0930	22.0	22.0				22.0											
1000	22.6					22.6											
1030	16.5	16.6				16.6											
1100	15.9	15.5				15.6											
1130	15.7	16.0				15.9											
1200	17.6	17.7				17.6											
1230	18.5	19.9				19.2											
1300	20.9	20.2				20.6											
1330	19.0	18.3				18.7											
1400	17.5	16.9				17.2											
1430	15.8	15.2				15.5											
1500	15.2	15.2				15.2											
1530	15.1	15.2				15.2											
1600	14.8	15.0				14.9											
1630	15.1	14.8				15.0											
1700	15.1	14.9				15.0											
1730	14.9	14.7				14.8	316.86										
1800	15.0	15.1				15.0	15.02										
1830	15.3	15.4				15.4											
1900	15.7	15.2				15.4											
1930	16.0	15.6				15.8											
2000	15.9	15.5				15.7											
2030	15.9	15.7				15.8											
2100	16.1	17.8				16.9											
2130	20.0	21.5				20.8											
2200	22.4	23.8				23.1											
2230	24.5	20.1				22.3											
2300	15.6	15.7				15.6											
2330	16.1	15.6				15.8											301.84/17.74
2400	16.0	15.8				15.8											

16.9, 15.8

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

27

Span

340

Zero

460

Freezer Temp.

-57°F

Date

April 16, 1962

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press.

830

psi

Obs.

(98) 17.74

18.00

319.84

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	166	165				16.6											
0100	167	194				18.1											
0130	206	236				22.1											
0200	189	189				18.9											
0230	198	180				18.9											
0300	183	190				18.7											
0330	190	194				19.2											
0400	189	177				18.3											
0430	183	23.0				20.7											
0500	19.8	20.2				20.0											
0530	19.6	20.4				20.0											
0600	20.9	20.0				20.4											
0630	20.6	21.8				21.2											
0700	20.7	17.3				19.0											
0730	16.3	16.4				16.4											
0800	16.6	16.7				16.6											
0830	16.0	17.2				16.6											
0900	17.4	17.6				17.5											
0930	17.4	17.2				17.3											
1000	17.2	17.4				17.3											
1030	17.2	18.5				17.8											
1100	17.4	17.9				17.6											
1130	17.7	17.5				17.6											
1200	17.6	17.1				17.3											
1230	17.2	16.6				16.9											
1300	15.3	14.9				15.1											
1330	15.1	14.6				14.8											316.86
1400	15.0	14.6				14.8											15.02
1430	15.4	15.4				15.4											
1500	15.3	15.0				15.2											
1530	15.3	15.2				15.2											
1600	15.3	15.6				15.5											
1630	15.0	15.0				15.0											
1700	14.6	15.3				14.9											
1730	14.6	15.4				15.0											
1800	15.7	15.8				15.8											
1830	15.5	16.4				15.9											
1900	16.8	17.2				17.0											
1930	17.5	18.2				17.9											
2000	18.6	18.4				18.5											
2030	18.6	19.3				18.9											
2100	19.4	19.0				19.2											
2130	18.2	18.2				18.2											
2200	17.4	17.0				17.2											
2230	16.0	16.0				16.0											
2300	16.0	16.5				16.2											
2330	20.7	21.2				20.9											324.97
2400	22.7	21.5				22.1											23.13

4.0, 23.2

301.84/17.74

CARBON DIOXIDE DATA

STATION

510 Pier

Sheet No.

26

Span 340 Zero 460 Freezer Temp. -56°F

Date April 15, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 900 psi Obs.

(98) 18.45

18.72

320.56

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	236	235				236											
0100	199	179				189											
0130	163	160				162											
0200	167	173				170											
0230	184	189				184											
0300	192	214				203											
0330	236	242				240											
0400	294	243				268											
0430	259	267				263											
0500	237	217				227											
0530	202	199				201											
0600	207	222				215											
0630	216	221				218											
0700	226	236				231											
0730	236	234				235											
0800	227	227				227											
0830	232	231				232											
0900	224	224				224											
0930	212	188				205											
1000	184	186				185											
1030	180	190				185											
1100	190	188				189											
1130	137	174				180											
1200	191	189				190											
1230	190	200				195											
1300	190	193				192											
1330	147	147				147											
1400	148	144				146											
1430	183	185				184											
1500	148	147				148											
1530	147	147				147											
1600	148	149				148											
1630	148	146				147											
1700	145	147				146											
1730	145	147				146											
1800	146	149				148											
1830	146	144				145											
1900	147	145				146											
1930	148	151				150											
2000	146	148				147											
2030	148	150				149											
2100	147	148				148											
2130	151	152				152											
2200	155	158				157											
2230	160	161				160											
2300	158	158				158											
2330	209	200				204											
2400	195	204				188											

HN 7.7, 17.4

301.84/17.74

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

25

Span 340 Zero 460 Freezer Temp.

Date April 14/1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank - 520°F From Ref tank test of

Tank Press. 920 psi Obs. (at 1930)

(44) 31.16

31.62

333.46

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	398	398				398											
0100	413	425				419											
0130	430	427				429											
0200	426	443				434											
0230	427	428				428											
0300	439	437				438											
0330	437	442				441											
0400	436	441				438											
0430	432	439				436											
0500	432	390				411											
0530	250	250				250											
0600	250	267				258											
0630	275	—				275											Power off on pier
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900																	
1930	—	190				190											
2000	198	182				193											
2030	187	185				186											
2100	180	189				184											
2130	194	188				191											
2200	190	200				195											
2230	193	190				192											
2300	204	213				208											
2330	256	259				258											
2400	254	226				240											

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

24

Span 340 Zero 460 Freezer Temp. -570F

Date April 13, 1962

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 1000 psi Obs.

One ordinate - ppm

(59) 30.02

30.46

332.30

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS	
0030																		
0100																		Trap FROZEN
0130																		
0200																		
0230																		
0300																		
0330																		
0400																		
0430																		
0500																		
0530																		
0600																		
0630																		
0700																		
0730																		
0800																		
0830																		
0900																		
0930	24.2	24.6				24.4												
1000	23.5	22.2				22.8												
1030	21.7	21.5				21.6												323.66
1100	21.5	21.5				21.5												21.82
1130	22.0	21.0				21.5												
1200	22.0	23.2				22.6												
1230	25.2	30.2				27.7												
1300	29.9	30.8				30.3												
1330	34.7	34.3				34.5												
1400	34.7	33.5				34.1												
1430	31.2	27.9				29.5												
1500	27.6	26.0				26.8												
1530	28.6	31.4				30.0												
1600	32.0	31.6				31.8												
1630	26.0	29.8				27.9												
1700	22.8	22.5				22.7												
1730	22.8	22.6				22.7												
1800	25.2	-				25.2												
1830	32.3	33.7				33.0												
1900	36.0	36.6				36.3												
1930	37.1	37.1				37.1												
2000	36.8	37.2				37.0												
2030	34.2	34.3				34.2												
2100	33.2	32.6				32.9												
2130	33.4	34.8				34.1												
2200	32.4	33.9				33.4												
2230	33.1	33.9				33.5												
2300	37.1	37.1				37.1												
2330	39.6	39.9				39.8												301.84/17.74
2400	39.9	39.7				39.8												40.38

CARBON DIOXIDE DATA

STATION

SLO Pier

Sheet No.

23

Span

340

Zero

460

Freezer Temp.

-58°F

Date

April 12, 1966

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press.

1060

psi

Obs.

(68) 28.08

28.49

330.33

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	26.4	26.3				26.4											
0100	24.4	24.6				24.5											
0130	25.6	26.1				25.8											
0200	28.7	32.1				30.4											
0230	36.1	36.6				36.3											
0300	35.3	37.2				36.3											
0330	34.8	34.8				34.8											
0400	35.8	36.3				36.0											
0430	34.7	34.4				34.6											
0500	34.0	33.3				33.7											
0530	32.4	33.4				32.9											
0600	32.6	33.0				32.8											
0630	29.3	29.4				29.4											
0700	24.3	22.8				23.6											
0730	22.6	23.4				23.0											
0800	24.3	24.4				24.4											
0830	23.7	23.3				23.5											
0900	23.9					23.9											
0930	26.3	28.0				27.1											
1000	25.8	25.1				25.5											
1030	28.4	27.0				27.7											
1100	27.9	28.0				28.0											
1130	27.0	26.5				26.7											
1200	25.4	26.0				25.7											
1230		32.4				32.4											340.50
1300	35.4	40.9				38.1											386.6
1330	32.0	28.4				30.2											
1400	25.4	25.8				25.6											
1430	24.5	23.4				24.0											
1500	22.9	22.6				22.8											
1530	21.7					21.7											323.86
1600																	22.02
1630																	
1700	21.6	23.6				22.6											
1730	23.7	24.4				24.1											
1800	24.0	24.4				24.2											
1830	24.3	23.2				23.8											
1900	23.2					23.2											
1930																	Trap Frozen
2000																	
2030																	
2100																	
2130																	
2200																	
2230																	
2300																	
2330																	30184/17.74
2400																	

CARBON DIOXIDE DATA

STATION

SLO Pier

Sheet No.

22

Span 340 Zero 460 Freezer Temp. -56°F

Date April 11, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 1140 psi Obs.

(98) 21.70

22.02

323.86

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	
0030	25.5	22.4				24.0											
0100	23.9	22.9				23.3											
0130	24.5	27.4				25.9											
0200	24.0	23.4				23.7											
0230	21.9	21.9				21.9											
0300	23.2	20.0				21.1											
0330	20.1	19.9				20.0											
0400	20.9	20.6				20.8											
0430	21.0	21.0				21.0											
0500	20.8					20.8											
0530	22.6	22.1				22.3											
0600	22.1	21.1				21.6											
0630	22.5	23.0				22.7											
0700	23.6	23.6				23.6											
0730	23.7	24.7				24.2											
0800	25.1	24.6				24.8											
0830	24.2	23.4				23.8											
0900	23.1	23.2	23.8			23.3											
0930	21.7	21.7				21.7											
1000	21.6	21.6				21.6											
1030	21.0	22.2				21.6											
1100	21.6	22.6				22.1											
1130	22.1	21.9				22.0											
1200	21.1	21.5				21.3											
1230	21.2	21.0				21.1											
1300	20.7	20.3				20.5											
1330	19.8	19.0				19.4											
1400	18.6	18.4				18.5											
1430	17.6	17.6				17.6											
1500	18.6	19.3				19.0											
1530	22.6	23.7				23.2											
1600	24.7	25.2				24.9											
1630	23.3	23.7				23.5											
1700	21.5	21.2				21.4											
1730	20.0	19.6				19.8											
1800	19.8	19.4				19.4											
1830	19.0	19.2				19.1											
1900	19.3	19.4				19.4											
1930	19.3	20.4				19.9											
2000	19.5	19.5				19.5											
2030	19.6	19.6				19.6											
2100	19.8	20.0				19.9											
2130	21.6	22.6				22.1											
2200	21.1	21.2				21.2											
2230	21.7	21.7				21.7											
2300	21.4	21.3				21.4											
2330	21.7	22.3				22.0											
2400	22.8	23.2				24.4											

25.6, 26.1

30.84 / 17.74

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

21

Span 340 Zero 460 Freezer Temp. -570F

Date April 10, 1967

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 1210 psi Obs.

(79) 17.21

17.46

319.30

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	16.0	16.4				16.2	317.36										
0100	15.8	15.2				15.5	15.52										
0130	15.3	15.8				15.5											
0200	15.8	16.5				16.2											
0230	16.5	16.3				16.4											
0300	17.0	16.8				16.9											
0330	16.9	16.9				16.9											
0400	16.9	17.0				17.0											
0430	17.3	17.8				17.5											
0500	18.0	18.0				18.0											
0530	16.9	17.0				17.0											
0600	17.9	17.5				17.7											
0630	17.5	17.5				17.5											
0700	17.4	17.7				17.6											
0730	17.5	17.5				17.5											
0800	17.3	17.0				17.2											
0830	16.4	16.4				16.4											
0900																	
0930	16.5	16.2				16.4											
1000	16.4	15.5				15.9											
1030	15.7	15.4				15.6											
1100	15.6	15.9				15.8											
1130	15.7	15.3				15.5											
1200	15.9	15.1				15.5											
1230	15.7	15.6				15.6											
1300	16.0	15.9				16.0											
1330	16.5	15.5				16.0											
1400	15.9	16.1				16.0											
1430	15.9	15.5				15.7											
1500	16.1					16.1											
1530																	
1600																	
1630																	
1700																	
1730																	
1800																	
1830																	
1900	17.5	16.9				17.2											
1930	16.7	16.8				16.8											
2000	16.8	16.6				16.7											
2030	17.0	16.9				17.0											
2100	17.0	17.6				17.3											
2130	17.9	18.0				18.0											
2200	20.0	19.8				19.9											
2230	19.8	19.8				19.8											
2300	21.8	21.1				21.5											
2330							325.68										301.84/17.74
2400	25.9	23.3				23.5	23.84										

HN 21.7, 24.0

CARBON DIOXIDE DATA

STATION SIO PierSheet No. 20Span 340 Zero 460 Freezer Temp. -57°FDate April 9, 1962Flow 0.25 lpm mm Working Ref. Tank 7362

One ordinate - _____ ppm

Tank Press. 12.90 psi Obs. _____

From Ref tank test of _____

(75) 16.81

17.06

318.90

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	18.0	17.3				17.4											
0100	18.1	18.1				18.1											
0130	18.0	18.0				18.0											
0200	18.2	17.7				17.9											
0230	17.1	18.0				17.5											
0300	17.8	17.7				17.8											
0330	17.9	17.5				17.7											
0400	18.1	18.4				18.3											
0430	18.6	17.7				18.1											
0500	17.5	17.5				17.5											
0530	17.4	17.8				17.6											
0600	17.3	17.5				17.4											
0630	17.8	17.4				17.6											
0700	17.0	17.1				17.0											
0730	18.0	19.7				18.8											
0800	18.7	19.0				18.9											
0830	17.8	18.0				17.9											
0900	17.3					17.3											
0930																	
1000																	Referred gas comparisons
1030																	
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500	15.5	15.1				15.3											
1530	15.1	15.4				15.3											
1600	15.2	15.1				15.2											
1630	15.0	15.1				15.0											
1700	15.4	15.9				15.6											
1730	15.6	16.1				15.8											
1800	15.6	16.0				15.8											
1830	16.0	15.6				15.8											
1900	15.7	16.7				16.2											
1930	15.9	15.8				15.8											
2000	17.2	16.5				16.9											
2030	16.7	16.7				16.7											
2100	16.6	17.2				16.9											
2130	16.3	16.0				16.2											
2200	16.3	16.8				16.5											
2230	16.6	16.0				16.3											
2300	16.3	15.6				16.0											
2330	15.5	15.7				15.6											
2400	15.2	15.5				15.5											

HN 15.6 15.6

301.84/17.74

CARBON DIOXIDE DATA

STATION SLO PierSheet No. 20Span 340 Zero 460 Freezer Temp. -55°FDate April 8, 1962Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of _____Tank Press. 1395 psi Obs. _____

One ordinate - _____ ppm

(97) 29.05

29.48

331.32

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	32.5	40.0				39.3											
0100	41.2	46.3				46.3											
0130	42.6	44.3				46.5											349.02
0200	46.0	37.1				38.5											42.18
0230	40.6	41.5				41.0											
0300	39.6	40.7				40.2											
0330	44.0	46.0				45.0											
0400	42.6	40.7				41.7											
0430	40.0	41.7				40.8											
0500	42.3	40.7				41.5											
0530	41.8	43.3				42.6											
0600	40.2	37.1				39.7											
0630	42.1	37.7				39.9											
0700	36.1	37.2				36.7											
0730	38.1	36.4				37.2											
0800	37.9	38.6				38.3											
0830	37.9	39.0				39.4											
0900	32.7	35.4				36.6											
0930	35.5	35.2				35.4											
1000	32.2	33.2				32.7											
1030	35.2	34.2				34.7											
1100	33.2	33.5				33.4											
1130	35.0	35.2				35.1											
1200	39.9	39.5				39.7											
1230	37.0	37.0				37.0											
1300	27.9	25.5				26.7											
1330	24.2	23.7				23.9											
1400	20.3	19.4				19.8											
1430	18.0	18.1				18.0											
1500	17.7	17.5				17.6											
1530	17.3	17.5				17.4											
1600	17.6	18.2				17.9											
1630	17.8	17.2				17.5											319.29
1700	16.8	17.7				17.2											17.45
1730	17.3	17.8				17.5											
1800	18.1	18.7				18.4											
1830	19.2	19.4				19.3											
1900	19.6	23.4				21.5											
1930	26.7	21.9				24.3											
2000	20.7	20.9				20.8											
2030	20.9	20.5				20.7											
2100	19.3	21.1				20.2											
2130	20.5	19.9				20.2											
2200	18.7	18.6				18.6											
2230	18.2	18.2				18.2											
2300	17.0	17.8				17.4											
2330	17.7	18.4				18.1											301.84/17.74
2400	18.3	19.0				18.4											

HN 18.4, 18.0

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No. 19

Span 340 Zero 460 Freezer Temp. -56°F

Date April 7 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 1480 psi Obs.

(64) 35.72

36.24

338.08

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	37.4	36.6				37.0											
0100	34.1	33.1				33.6											
0130	44.1	46.3				45.3											
0200	45.5	41.5				43.5											
0230	37.0	41.4				39.3											
0300	38.6	36.6				37.6											
0330	36.7	35.2				36.0											
0400	33.4	32.4				30.4											
0430	30.3	40.2				35.3											
0500	34.7	33.8				34.2											
0530	28.3	29.6				28.9											
0600	30.6	29.9				30.3											
0630	28.6	29.8				29.2											
0700	32.4	33.0				32.7											
0730	35.0	34.0				34.5											
0800	35.7	38.3				37.0											
0830	34.2	35.9				35.0											
0900	37.2	31.0				34.1											
0930	32.6	33.3				33.0											
1000	34.0	46.9				40.4											
1030																	
1100																	
1130																	
1200																	equilibrator test
1230																	run
1300																	
1330																	
1400																	
1430																	
1500																	
1530																	
1600																	
1630																	
1700																	
1730	30.7	34.5				32.6											
1800	43.0	45.4				44.2											
1830																	
1900	42.4	41.8				42.1											
1930	41.0	40.6				40.8											
2000	35.6	35.6				35.6											
2030	40.1	40.0				40.0											
2100	35.9	41.5				38.2											
2130	38.4	36.8				37.6											
2200																	
2230	32.9	24.9				28.9											
2300	25.9	27.5				26.7											
2330	29.4	31.6				30.5											
2400	25.6					38.0											

HN 40.5

301.84/17.74

CARBON DIOXIDE DATA

STATION SIO PierSheet No. 18Span 340 Zero 460 Freezer Temp. -58°FDate April 6, 196Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of _____Tank Press. 1515 psi Obs. _____

One ordinate - _____ ppm

(61) 31.29

31.75

333.59

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930		48.0				48.0				351.15							
1000	49.3	47.9				48.6				49.31							
1030	39.0	39.4				39.2											
1100	36.3	36.3				36.3											
1130	36.4	37.5				37.0											
1200	43.5	35.4				39.4											
1230	30.2	26.7				28.4											
1300	25.8	23.6				24.7											
1330	24.7	25.4				25.1											
1400	25.5	26.2				25.9											
1430	32.6	34.5				33.6											
1500	39.0	35.7				37.1											
1530	38.3	36.9				37.6											
1600	36.5	36.7				36.6											
1630	36.0	34.7				35.3											
1700	32.2	32.6				32.4											
1730	27.4	25.9				26.7											
1800	23.2	22.8				23.0											
1830	22.3	22.5				22.4				324.57							
1900	30.5	32.0				31.0				22.73							
1930	27.0	24.5				25.7											
2000	29.7	28.5				29.1											
2030	26.3	22.8				27.5											
2100	27.9	25.5				26.7											
2130	26.4	28.5				27.4											
2200	31.0	28.6				29.8											
2230	31.2	30.3				30.7											
2300	27.8	28.6				28.2											
2330	27.6	24.8				26.2											
2400	28.7	36.5				31.4											

HN 30.5 29.8

301.84/17.74

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No. 17

Span 340 Zero 460 Freezer Temp. -57°F

Date April 5, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 1590 psi Obs.

(90) 22.08

22.40

324.24

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	194	197				196											
0100	190	194				19.2											
0130	191	192				19.2											
0200	196	190				19.3											
0230	200	202				20.1											
0300	217	217				21.7											
0330	210	198				20.4											
0400	196	192				19.4											
0430	184	184				18.4											
0500	202	195				19.9											
0530	197	204				20.1											
0600	214	216				21.5											
0630	202					20.8											
0700	240	239				23.5											
0730	229	228				22.8											
0800	226	228				22.7											
0830		228				22.8											
0900	232	240				23.6											
0930	238	240				23.9											
1000	236	242				23.9											
1030	239	230				23.4											
1100	249	249				24.9											
1130	255	254				25.4											330.35
1200	285	277				28.1											28.51
1230	271	264				26.8											
1300	243	262				25.3											
1330	210	199				20.5											
1400	249	271				26.0											
1430	264	275				27.0											
1500	221	199				21.0											
1530	185	182				18.4											320.10
1600	182	178				18.0											18.26
1630	186	193				19.0											
1700	204	193				19.9											
1730	200	199				20.0											
1800	200	210				20.5											
1830	210	213				21.2											
1900	207	204				20.6											
1930	206	206				20.6											
2000	208	228				21.8											
2030	223	225				22.4											
2100	234	240				23.7											
2130	232	240				23.6											
2200	250	248				24.9											
2230	245	248				24.7											
2300	256	254				25.5											
2330																	
2400																	

frozen 301.84/11.74

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No. 16

Span 340 Zero 460 Freezer Temp.

Date April 4, 1962

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. psi Obs. DP

One ordinate - ppm

(97) 16.05

16.29

318.13

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	15.3	15.0				15.2											
0100	15.2	15.6				15.4											
0130	15.6	15.2				15.4											
0200	15.0	14.9				15.0											
0230	14.8	14.6				14.7											
0300	14.5	15.1				14.8											
0330	15.1	14.4				14.8											316.65
0400	14.7	14.6				14.6											14.81
0430	14.9	15.1				15.0											
0500	18.8	14.5				16.7											
0530	18.9	20.7				19.8											324.37
0600	20.9	23.5				22.2											22.53
0630	21.0	15.8				18.4											
0700	18.0	19.1				18.6											
0730	20.2	20.2				20.2											
0800	20.6	20.6				20.6											
0830	20.1					20.1											
0900	14.7	14.6				14.6											
0930	15.5	15.4				15.4											
1000	15.6	15.0				15.3											
1030	15.0	15.4				15.2											
1100	15.0	15.0				15.0											
1130	15.3	15.0				15.2											
1200	15.3	15.2				15.2											
1230	15.1	15.0				15.0											
1300	15.4	15.0				15.2											
1330	15.6	15.0				15.3											
1400	15.2	15.6				15.4											
1430	15.0	15.4				15.2											
1500	14.6	15.0				14.8											
1530	14.8	15.2				15.0											
1600	15.1	14.7				14.9											
1630	15.0	15.1				15.0											
1700	14.9	15.4				15.1											
1730	15.4	15.4				15.4											
1800	15.5	15.4				15.4											
1830	15.7	15.6				15.6											
1900	15.5	15.7				15.6											
1930	15.4	15.2				15.3											
2000	15.1	15.4				15.3											
2030	15.0	15.0				15.0											
2100	15.1	15.3				15.2											
2130	16.3	16.5				16.4											
2200	16.5	16.6				16.6											
2230	17.0	16.9				17.0											
2300	15.6	15.6				15.6											
2330	15.7	16.0				15.9											301.84/17.74
2400	17.2	17.0				17.8											

14.6 18.6

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

15

Span 340 Zero 460 Freezer Temp. _____Date April 3, 1962

One ordinate - _____ ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of _____

Tank Press. _____ psi Obs. _____

(92) 18.14

18.41

320.25

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	19.5	18.3				18.7											
0100	18.1	18.4				18.3											
0130	19.6	18.4				19.0											
0200	25.8	25.8				25.8											
0230	25.0	25.1				25.0											
0300	27.3	27.5				27.4											
0330	27.3	26.3				26.8											
0400	25.5					25.5											
0430	24.4	21.2				22.8											
0500	20.9	21.1				21.0											
0530																	
0600																	
0630	30.7	29.0				30.3											332.58
0700	29.4	24.7				27.1											30.74
0730	22.1	21.1				21.6											
0800	21.4					21.4											
0830	18.5	19.2				18.9											
0900	18.8	19.1				19.0											
0930	19.2	18.6				18.9											
1000	19.3	15.1				17.2											
1030	15.7	14.8				15.2											317.26
1100	15.5	15.4				15.4											15.42
1130	15.8	15.5				15.7											
1200	15.5	15.5				15.5											
1230	15.5	15.2				15.4											
1300	15.6	15.4				15.5											
1330	15.4	15.3				15.4											
1400	15.6	15.0				15.3											
1430	15.3	16.1				15.7											
1500	15.7	16.6				16.1											
1530	15.4	15.4				15.4											
1600	15.4	16.2				15.8											
1630	15.4	16.0				15.7											
1700	15.6	15.9				15.8											
1730	15.7	15.6				15.6											
1800	15.8	15.6				15.7											
1830	15.9	15.5				15.7											
1900	15.6	15.5				15.6											
1930	15.7	15.7				15.7											
2000	15.9	16.2				16.1											
2030	15.9	16.1				16.0											
2100	16.1	15.8				16.0											
2130	16.0	16.0				16.0											
2200	15.4	15.4				15.4											
2230	15.7	15.7				15.7											
2300	15.6	15.6				15.6											
2330	15.5	16.2				15.9											301.84/17.74
2400	15.8	15.6				15.6											

HN 15.1, 15.7

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

14

Span 340 Zero 460 Freezer Temp. -61°FDate April 2, 1962Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of _____
Tank Press. 1790 psi Obs. _____

One ordinate - _____ ppm

(63) 16.49
16.73

318.57

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	Analyzer out
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900	16.0	16.3				16.2											
0930	17.2	17.5				17.2											
1000	18.1	17.2				17.6											
1030	16.9	15.7				16.3											
1100	17.8	16.6				17.2											
1130	16.2	16.0				16.1											
1200	14.8	15.3				14.6											
1230	15.6	15.4				15.5											
1300	15.6	15.8				15.7											
1330	15.8	15.4				15.6											
1400	15.4	15.0				15.2											
1430	15.1	14.9				15.0											
1500	15.2	15.4				15.3											
1530	15.4	15.4				15.4											
1600	15.2	15.2				15.2											
1630	15.4	15.4				15.4											
1700	15.1	15.2				15.2											
1730	15.6	15.6				15.6											
1800	14.9	15.0				15.0											
1830	15.1	15.3				15.2											
1900	15.6	15.3				15.5											
1930	15.7	15.7				15.7											
2000	15.2	15.4				15.3											
2030	14.9	15.1				15.0											
2100	15.9	16.2				16.1											
2130	16.7	16.7				16.7											
2200		21.5				21.5											
2230	22.6	18.4				20.5											
2300	20.3	19.9				20.1											
2330	21.9	21.6				21.8											
2400	22.6	18.7				18.8											

MN 16.7, 17.1

22.12

301.84/17.74

323.96

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

13

Span

340

Zero

460

Freezer Temp.

-61°F

Date

April 1, 1962

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press.

+1850

psi

Obs.

(83) 2183

2220

324.04

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	30.7	31.2				30.9											
0100	30.1	31.7				30.4											
0130	31.7	31.0				31.4											
0200	29.5	27.9				28.7											
0230	26.7	26.8				26.8											
0300	24.2	24.9				24.6											
0330	24.0	24.9				24.4											
0400	25.0	27.9				26.4											
0430	27.6	27.9				27.8											
0500	27.0	27.4				27.2											
0530	26.5	27.3				26.9											
0600	27.1	27.5				28.3											
0630	31.0	31.9				31.4											
0700	34.3	33.0				33.4											
0730	30.8	30.9				30.8											
0800	27.5	26.3				26.9											
0830	26.0	26.0				26.0											
0900	26.2	25.7				25.9											
0930	26.2	25.7				25.9											
1000	24.6	24.0				24.3											
1030	21.7	23.6				22.7											
1100	23.0	22.8				22.9											
1130	24.2	21.2				22.7											
1200	17.6	16.6				17.1											
1230	16.7	15.8				16.2											
1300	15.5	15.5				15.5											
1330	15.5	15.2				15.4											
1400	15.5	15.6				15.6											
1430	15.4	15.9				15.6											
1500	15.4	14.8				15.1											
1530	14.6	14.6				14.6											
1600	14.5	14.9				14.7											
1630	14.1	15.0				14.5											
1700	14.5	14.4				14.4											
1730	14.7	14.6				14.6											
1800	14.5	15.0				14.7											
1830	14.5	15.0				14.7											
1900	15.1	14.2				14.6											
1930																	
2000	15.5					15.5											
2030	14.8					14.8											
2100																	
2130		15.0				15.0											
2200		14.7				14.7											
2230	14.8					14.8											
2300	14.8					14.8											
2330	16.2					16.2											
2400																	

301.84/17.74

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

12

Span 340 Zero 460 Freezer Temp. -60°F

Date March 31, 1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 1920 psi Obs.

(87) 22.57

22.90

324.74

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	200	19.0	17.4			18.8	318.28										
0100	16.2					16.2	16.44										
0130	120	16.5				16.7											
0200	120	17.5				17.2											
0230	18.5					18.5											
0300	22.4					22.5											
0330																	
0400	21.6	23.9				22.8											
0430	24.0	24.5				24.2											
0500	24.8	25.5				25.2											
0530	26.8	27.3				27.0											
0600	24.5	25.0				24.7											
0630	24.3	24.0				24.2											
0700	24.1	24.5				24.3											
0730	24.4	25.3				24.8											
0800	27.6	28.8				28.2											
0830	29.5	29.2				29.4											
0900	29.6	29.5				29.6											
0930	28.2	27.5				27.9											
1000	26.0	26.7				26.4											
1030	24.0	23.9				24.0											
1100	23.3					23.3											
1130	28.6	28.5				28.6											
1200	28.4	27.6				29.0											
1230	26.0	25.5				25.7											
1300	24.8	22.8				23.8											
1330	21.7	20.6				21.2											
1400	19.6	19.3				19.5											
1430	18.6	18.1				18.3											
1500	19.1	18.8				19.0											
1530	19.7	20.1				19.9											
1600	20.6	20.5				20.6											
1630	20.5	20.5				20.5											
1700	20.3	20.0				20.2											
1730	18.7	19.2				18.9											
1800	19.4	18.7				19.1											
1830	18.4	20.1				19.2											
1900	23.7	22.9				23.3											
1930																	
2000		27.0				27.0											
2030	12.9	15.6				16.8											
2100	16.2	16.9				16.6											
2130	16.3	16.5				16.4											
2200	16.2	16.6				16.4											
2230	12.0	12.7				12.4											
2300		19.3				19.3											
2330							332.89										301.84/17.74
2400	30.1	30.1				30.6	31.05										

MB/1 31.1

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

11

Span 340

Zero 460

Freezer Temp.

-60°F

Date

March 30, 1962

One ordinate - ppm

Flow

0.35

lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press. 1990

psi

Obs.

(86) 18.80

19.08

320.92

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	
0030	153	151				15.2											
0100	150	151				15.0											
0130	147	154				15.1											
0200	150	151				15.0											
0230	147	155				15.1											
0300	149	150				15.0											
0330	157	148				15.2											
0400	151	157				15.4											
0430	161	161				16.1											
0500	158	160				15.9											
0530	164					16.4											
0600		30.5				30.5											
0630	28.5	26.5				27.5											
0700	24.9	25.4				25.1											
0730	26.0	24.4				25.2											
0800	23.7	20.8				22.2											
0830	19.5	19.5				19.5											
0900	20.4	21.8				21.1											
0930																	
1000		21.7				21.7											
1030		22.9				22.9											
1100	21.2	21.5				21.4											
1130	19.9	21.2				20.5											
1200	18.7	18.3				18.5											
1230	17.5	17.5				17.5											
1300	17.6	17.5				17.6											
1330		21.1				21.1											
1400	22.3					22.3											
1430	17.3	17.7				17.5											
1500	17.0	17.6				17.3											
1530	16.6	17.4				17.0											
1600	16.9	16.9				16.9											
1630	17.0	18.0				17.5											
1700	17.1	15.9				16.5											
1730	14.7	15.1				14.9											
1800	16.1	16.0				16.0											
1830	14.8	15.5				15.2											
1900	15.3	15.3				15.3											
1930	18.0	18.5				18.2											
2000	19.6	19.7				19.6											
2030	19.7					19.7											
2100	23.0	25.4				24.2											
2130	24.3	25.8				25.1											
2200	23.5	24.6				24.1											
2230		29.0				29.0											
2300	27.0					27.0											
2330	26.1	25.1				25.6											
2400	24.0	22.6				21.3											

HN 19.1 19.5

301.84/17.74

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

10

Span 340

Zero

460

Freezer Temp.

~~7362~~ -61°F

Date March 29, 1962

One ordinate - ppm

Flow 0.25 lpm

min

Working Ref. Tank

7362

From Ref tank test of

Tank Press. 2040 psi

Obs.

(90) 17.77

18.03

319.87

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	244	259				25.0	329.74										
0100	276	273				275	22.90										
0130	239	244				241											
0200		200				200											
0230	203	195				19.9											
0300	173	174				174											
0330	163	171				16.7											
0400	184	185				18.4											
0430	180	175				17.7											
0500	187	188				18.8											
0530	190	192				19.1											
0600	199	221				21.0											
0630	223	220				22.2											
0700		154				15.4											
0730	160	158				15.9											
0800	161	184				17.3											
0830	183					18.3											
0900	172	175				17.4											
0930	158	165				16.2											
1000	171	166				16.8											
1030	18.4	17.8				18.1											
1100	17.8	17.7				17.8											
1130	17.5	17.5				17.5											
1200	17.1	17.1				17.1											
1230	16.6	16.0				16.3											
1300	16.6	17.0				16.8											
1330	17.0	17.0				17.0											
1400	17.0	16.5				16.7											
1430	16.4	17.1				16.8											
1500	17.0	16.5				16.7											
1530	16.2	16.2				16.2											
1600	16.5					16.5											
1630	16.5					16.5											Tap replaced
1700							flow check										
1730	16.0	16.0				16.0											
1800	16.0	16.0				16.0											
1830	15.7	15.8				15.8											
1900	15.8	16.7				16.2											
1930	16.3	16.1				16.2											
2000	15.9	16.0				16.0											
2030	16.4	16.1				16.3											
2100	22.2	22.2				22.2											
2130	16.1	16.2				16.2											
2200	17.5	18.7				18.1											
2230	16.0	15.5				15.7											
2300	15.3	15.2				15.2											
2330	15.0	15.6				15.0	317.06										301.84 / 17.24
2400	15.5	15.2				15.4	15.22										

15.2 / 15.5

CARBON DIOXIDE DATA

STATION

SIO PIER

Sheet No.

9

Span 340 Zero 460 Freezer Temp. -61°F

Date March 28-1962

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 7362 From Ref tank test of

Tank Press. 2100 psi Obs.

(99) 17.77

18.03

319.87

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	239	238				238	325.99										
0100	230	234				232	2415										
0130	228	239				234											
0200	239	227				233											
0230	230	230				230											
0300	219	204				212											
0330	208	201				205											
0400	195	175				185											
0430	172	170				171											
0500	164	190				177											
0530	196	188				192											
0600	219	194				206											
0630	193	209				201											
0700	241	223				233											
0730	229	226				228											
0800	183	180				183											
0830	177	180				179											
0900	168	166	166			167											
0930	164	169				166											
1000	163	169				166											
1030	169	173				171											
1100	164	166				165											
1130	166	155				161											
1200	164	166				165											
1230	169	165				167											
1300	164	164				164											
1330	161	168				165											
1400	166	164				165											
1430	159	159				159											
1500	158	162				160											
1530	159	164				161											
1600	159	150				154											
1630	149	152				151	317.16										
1700	152	152				152	1532										
1730	152	155				154											
1800	156	152				154											
1830	152	150				151											
1900	154	164				159											
1930	152	153				152											
2000	152	156				154											
2030	152	157				154											
2100	153	155				154											
2130	153	178				165											
2200	159	154				156											
2230	149	153				151											
2300	152	154				153											
2330	174	169				171											201.84/17.74
2400	163	225				216											

247

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No. 8

Span 340 Zero 460 Freezer Temp. -61°F

Date March 22, 1962

Flow 0.25 lpm min Working Ref. Tank 2418 7362 From Ref tank test of

Tank Press. 80 psi Obs.

2180-7362

(34) 14.30 14.51 322.68

(58) 20.65 20.95 322.79

322.75

REMARKS

L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	100				100	318.32										
0100	100	102			101	10.15										
0130	104	103			104											tank 2418
0200	103	106			105											
0230	109	103			105											
0300	105	109			107											
0330	109	109			109											
0400	107	108			108											
0430	110	112			111											
0500	130	136			133											
0530	146	163			154											
0600	209	204			206											
0630	219	223			221	332.42										
0700	235	242			239	24.25										
0730	205	196			200											
0800	165	164			164											
0830	162	167			164											
0900																
0930						314.42	12.58									
1000	124				124	Change										10:00
1030	202	195			199	TANKS										Change reference tank
1100	196	195			196											to 7362
1130	200	230			215											
1200	207	199			203											
1230	200	203			202											
1300	203	212			207											
1330	207	212			209											
1400	209	209			209											
1430	211	208			210											
1500	214	220			217											
1530	219	215			217											
1600	213	210			212											
1630	207	209			208											
1700	200	201			200											
1730		200			200											
1800	201	189			195											
1830	202	193			197	321.22										
1900	181	200			191	19.38										
1930	200	196			198											
2000	189	200			195											
2030	193	200			197											
2100	194	193			194											
2130	186	212			199											
2200	208	227			218											
2230	227	221			224											308.17/17.74
2300	237	220			228											
2330	221	236			229	325.18										301.84/17.74
2400	232	219			230	23.34										

235 236

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

2

Span

340

Zero

460

Freezer Temp.

-60°F

Date

March 26

One ordinate - ppm

Flow

0.25

lpm

min

Working Ref. Tank

2418

From Ref tank test of

Tank Press.

250

psi

Obs.

(94) 18.76

19.04

327.21

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100	189	201				195											
0130	204	203				204											
0200	201	194				198											
0230	222	220				221											
0300	226	237				232											
0330	195	224				209											
0400	225	221				223											
0430	256	223				239											
0500	216	238				227											
0530	248	238				243											
0600	237	270				253											
0630	246	275				260											
0700	263	344				303											
0730	288	270				279											
0800	277	277				277											
0830	280	295				286											
0900																	
0930	316	318				317											341.65
1000	328	333				330											33.48
1030	338	316				327											
1100	314	305				309											
1130	286	279				283											
1200	261	247				254											
1230	227	211				219											
1300	164	163				164											
1330	163	162				162											
1400	161	164				163											
1430	162	163				162											
1500	158	152				155											
1530	151	140				146											
1600	130	129				130											
1630	124	123				124											
1700	118	124				121											
1730	121	122				122											
1800	120	123				122											
1830	118	120				119											
1900	115	113				114											
1930	108	105				107											
2000	104	109				106											
2030	106	104				105											
2100	103	102				102											
2130	100	106				103											
2200	106	100				103											
2230	100	105				102											318.22
2300	99	99				99											10.05
2330	98	100				99											308.17/17.74
2400	98	98				99											

99.96, 102

CARBON DIOXIDE DATA

STATION

SIO Pier

Sheet No.

6

Span 340 Zero 460 Freezer Temp. -58°F

Date March 25, '62

One ordinate - ppm

Flow 0.25 lpm min Working Ref. Tank 2418 From Ref tank test of

Tank Press. 360 psi Obs.

(89)23.83

24.18

332.35

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	250	244				247											
0100	248	236				242											
0130	245	239				242											
0200	237	230				234											
0230	247	220				234											
0300	213	254				233											
0330	232	244				238											
0400	239	247				243											
0430	240	239				240											
0500	215	219				217											
0530	215	202				208											
0600	227	233				230											
0630	232	196				214											
0700	208	196				202											
0730	201	218				209											
0800	242	244				243											
0830	249	260				255											
0900	261	252				256											
0930	259	245				251											
1000	281	262				272											
1030	264	253				259											
1100	248	238				243											
1130	244	246				242											
1200	247	256				251											
1230	329	343				336											345.51
1300	350	386				368											37.34
1330	2																
1400																	
1430																	
1500	298	288				293											
1530	191	166				178											
1600	176	180				178											
1630	125	195				185											
1700	185	185				185											
1730	184	185				184											
1800	177	179				178											
1830	172	166				169											325.32
1900	205	210				207											17.15
1930	237	263				250											
2000	322	310				316											
2030	340	282				361											
2100	365	307				336											
2130	261	238				250											
2200	212	206				209											
2230	198	325				212											
2300	252	228				240											
2330	205	197				201											308.17/17.74
2400	215					215											

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

5

Span 340

Zero 460

Freezer Temp. -62°F

Date March 24, 1962

One ordinate - ppm

Flow 0.25 lpm

min

Working Ref. Tank 2418

From Ref tank test of

Tank Press. 370 psi

Obs.

(93) 18.04

18.30

326.47

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	192	182				187											
0100	170	172				171											
0130	177	175				176											
0200	175	178				177											
0230	163	172				167											
0300	180	171				175											
0330	161	155				163											
0400	158	157				158											
0430	157	169				163											
0500	171	166				168											
0530	175	161				168											
0600	165	179				172											
0630	176	174				175											
0700	165	164				164											
0730	190	165				177											
0800	154					154											
0830																	
0900		166				166											
0930	184	192				188											
1000	208	208				208											
1030	207	207				207											
1100	210	204				207											
1130	200	189				195											
1200	189	183				186											
1230	173	174				174											
1300	139	139				139											
1330	150	152				151											
1400	162	161				162											
1430	144	144				144											
1500	133	130				132											
1530	120	122	120			12.1											320.45
1600	128	135				132											12.28
1630	136	144				140											
1700	158	172				165											
1730	174	143				159											
1800	135	125				130											
1830	131	153				142											
1900	165	176				171											
1930	202	203				202											
2000	212	211				212											
2030	215	225				220											
2100	249	245				247											
2130	236	230				233											
2200	223	264				245											
2230	242	216				229											
2300	260	260				260											
2330	246	269				258											308.17/17.74
2400	252	225				264											26.79

CARBON DIOXIDE DATA

STATION

S10 Pier

Sheet No.

4

Span 340

Zero

460

Freezer Temp.

-61°F

Date March 23, 1962

One ordinate - ppm

Flow 0.25 lpm min

Working Ref. Tank 2418

From Ref tank test of

Tank Press. 440 psi

Obs.

(97) 11.61

11.78

319.95

REMARKS

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	99	98				98	317.30										
0100	88	92				90	9.13										
0130	92	95				94											
0200	92	96				94											
0230	96	96				96											
0300	90	101				96											
0330	96	94				95											
0400	93	92				92											
0430	105	94				98											
0500	99	109				103											
0530	98	105				102											
0600	96	98				97											
0630	100	94				97											
0700	100	102				101											
0730	106	102				104											
0800	106	104				105											
0830	107	122	135			121											
0900	151	147	162			153											
0930	151	160				155											
1000	163	157				165											
1030	157	144				150											
1100	131	135				133											
1130	122	142				132											
1200	132	126				129											
1230	130	127				129											
1300	92	97				94											
1330	112	108				110											
1400	108	105				107											
1430	106	107				106											
1500	104	111				108											
1530	104	107				106											
1600	105	105				105											
1630	103	108				105											
1700	104	108				106											
1730	104	108				106											
1800	105	113				109											
1830	103	102				102											
1900	96	104				100											
1930	99	96				98											
2000	94	98				96											
2030		114				114											
2100	108	116				112											
2130	180	146	170			170											
2200	149	132				140											
2230	132	145				138											
2300	186	151				180											
2330	130	128				129	328.46										308.17/1774
2400	203	196				200	20.29										

3

308.17/17.74

Sheet No. 2

Date March 21, 1962

One ordinate - _____ppm

(76) 14.38
14.59

322.76

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030	19.2	21.1				20.2											
0100	21.9	20.3				21.1											
0130	19.4	18.1				18.8											
0200	15.5	16.5				16.0											
0230	15.6	17.1				16.4											
0300	15.7	16.1				15.9											
0330	17.7	20.5				19.1											
0400	23.0	21.2				22.1											
0430	21.8	21.6				21.7											
0500	19.6	16.4				18.0											
0530	19.0	19.8				19.4											
0600	20.0	22.6				21.3											
0630	25.6	19.3				22.4			330.90								
0700	19.3	16.9				18.1			22.73								
0730	19.4	18.7				19.0											
0800	17.3	16.8				17.0											
0830	17.0	16.0				16.5											
0900	14.0	14.4				14.2											
0930	15.2	17.1				16.2											
1000	15.7	14.7				15.2											
1030	16.0					16.0											
1100																	
1130																	
1200																	
1230																	
1300																	
1330																	
1400																	
1430																	
1500																	
1530		11.7				11.7											
1600	11.8	12.0				11.9											
1630	11.5	10.9				11.2											
1700	10.6	10.0				10.3											
1730	9.3	9.2				9.2											
1800	9.1	9.4				9.2											
1830	10.0	10.1				10.0											
1900	10.0	9.6				9.8											
1930	9.6	9.6				9.6											
2000	10.0	10.1				10.0											
2030	9.0	9.3				9.2											
2100	9.2	8.9				9.0											
2130	9.0	9.3				9.2											
2200	9.4	9.2				9.3											
2230	8.8	9.0				8.9			317.20								
2300	9.0	8.8				8.9			9.03								
2330	8.9	9.0				9.0											308.17/1274
2400	9.0	9.3				9.2											

CARBON DIOXIDE DATA

STATION

SIO PIER

Sheet No.

1

Span

340

Zero

460

Freezer Temp.

-60°F

Date

March 20, 1962

Flow

0.5

lpm

min

Working Ref. Tank

2418

From Ref tank test of

One ordinate - ppm

Tank Press.

640

psi

Obs.

(46) 13.72

13.92

322.09

	L1	L2	L3	L4	L Diff.	L Ave.	Sky	Vis.	Weather	Sta. Press	Temp	D.P.	Wind Dir.	Wind Vel	R.H.	Wet Bulb	REMARKS
0030																	
0100																	
0130																	
0200																	
0230																	
0300																	
0330																	
0400																	
0430																	
0500																	
0530																	
0600																	
0630																	
0700																	
0730																	
0800																	
0830																	
0900																	
0930																	
1000																	
1030																	
1100																	
1130																	
1200																	
1230																	
1300	8.7	8.3															
1330	8.7	8.3				8.5											
1400	8.4	8.8				8.6											
1430	8.0	8.1				8.0											316.29
1500	8.8	9.0				8.9											2.12
1530	8.8	8.9				8.8											
1600	8.6	8.2				8.4											
1630	8.3	8.7				8.5											
1700	8.5	8.8				8.6											
1730	8.8	9.1				8.4											
1800	9.0	8.6				8.8											
1830	9.6	10.9				10.2											
1900	12.2	12.7				12.4											
1930	13.8	15.5				14.6											
2000	13.7	13.0				13.4											
2030	16.1	18.5				17.3											
2100	16.0	15.3				15.6											
2130	18.1	19.2				18.6											
2200	21.0	21.0				21.0											
2230	20.0	20.6				20.3											
2300	21.0	21.6				21.3											
2330	17.7	12.9				12.8											308.17/17.74 (1.01466)
2400	22.4	23.1				23.3											

22.6