

***Appendix 8.2 -
Monthly landfill gas monitoring data
(July 2020 – June 2022)***

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 23-Jul-2020 , 30-Jul-2020
Weather Condition: Sunny , Sunny

Equipment Used: Landfill gas monitor
GEM-2000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:21	<0.1	4.5	13.9	30.7	0	
G2B	9:19	<0.1	<0.1	20.2	30.8	0	
GDB3	10:45	<0.1	0.9	19.1	31.8	0	
GDB4	10:50	<0.1	0.1	20.2	35.5	0	
GDB5	10:30	<0.1	<0.1	21.0	36.3	0	
GDB6	10:19	<0.1	0.1	20.4	30.3	0	
GDB7	10:36	<0.1	1.5	18.8	34.1	0	
GDB10	10:39	<0.1	<0.1	20.6	34.0	0	
GDBGW5	9:28	<0.1	0.5	19.4	34.3	0	
GDBGW7	10:32	<0.1	0.3	20.4	34.3	0	
GG1	10:02	<0.1	1.0	18.5	30.6	0	
GG2	9:56	<0.1	0.6	18.3	32.9	0	
GG3	10:08	<0.1	3.1	16.6	35.1	0	
GG4	11:10	<0.1	1.8	17.9	31.3	0	
GG5	10:52	<0.1	1.4	18.0	32.6	0	
GG5A	11:05	<0.1	4.3	10.7	43.1	0	
GW1	9:12	<0.1	0.3	19.3	32.5	0	7/30/2020
GW2	9:46	<0.1	2.3	17.7	34.2	0	
SV18	10:12	<0.1	<0.1	20.8	35.0	0	
SV23B	10:23	<0.1	<0.1	21.0	30.1	0	
SV24B	10:17	<0.1	<0.1	20.9	32.1	0	
SV31B	11:02	<0.1	<0.1	20.9	36.4	0	
SVB4	9:31	<0.1	0.5	16.3	36.7	0	
SVB5A	9:40	<0.1	<0.1	20.4	31.7	0	
SVGDB3	-	-	-	-	-	-	7/30/2020
SVGDB4	10:48	<0.1	<0.1	20.5	34.8	0	
SVGDB6	10:25	<0.1	<0.1	20.9	30.3	0	
SVGG5	10:54	<0.1	<0.1	20.8	31.6	0	
LF55	9:33	<0.1	1.3	17.8	29.3	0	
LF56	9:35	<0.1	1.4	18.6	31.2	0	

*SVGDB3 was found to be removed due to watermain improvement works on 23-7-2020, joint-inspection was carried out on 30-7-2020 with EPD's inspector

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 21-Aug-2020
Weather Condition: Fine

Equipment Used: Landfill gas monitor
GEM-2000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	9:52	<0.1	8.1	4.8	32.2	0	
G2B	10:34	0.1	0.2	20.8	32.0	0	
GDB3	9:28	<0.1	<0.1	21.2	29.6	0	
GDB4	10:11	<0.1	<0.1	21.1	30.6	0	
GDB5	9:32	<0.1	<0.1	21.4	31.4	0	
GDB6	9:56	<0.1	0.1	20.4	31.8	0	
GDB7	9:40	0.1	7.7	8.8	31.7	0	
GDB10	9:44	<0.1	1.6	20.7	29.3	0	
GDBGW5	14:08	<0.1	<0.1	21.3	37.0	0	
GDBGW7	9:36	<0.1	0.9	20.5	31.1	0	
GG1	14:50	<0.1	2.2	20.8	31.1	0	
GG2	14:45	<0.1	0.2	20.6	32.2	0	
GG3	14:57	<0.1	3.4	16.6	36.5	0	
GG4	10:31	<0.1	1.4	21.5	32.2	0	
GG5	10:15	<0.1	1.2	18.9	30.1	0	
GG5A	10:21	<0.1	<0.1	21.0	32.6	0	
GW1	14:05	<0.1	<0.1	21.5	32.5	0	
GW2	14:39	<0.1	1.9	21.8	29.9	0	
SV18	15:02	<0.1	<0.1	21.1	33.1	0	
SV23B	10:04	<0.1	<0.1	21.0	31.6	0	
SV24B	10:00	<0.1	<0.1	21.2	30.4	0	
SV31B	10:18	<0.1	<0.1	21.2	31.2	0	
SVB4	14:11	<0.1	<0.1	21.1	39.2	0	
SVB5A	14:28	<0.1	<0.1	20.9	31.7	0	
SVGDB3	10:17	-	-	-	-	-	#
SVGDB4	10:09	<0.1	<0.1	21.1	31.6	0	
SVGDB6	10:05	<0.1	<0.1	21.0	31.3	0	
SVGG5	10:16	<0.1	<0.1	21.0	29.5	0	
LF55	14:15	<0.1	0.1	21.1	28.9	0	
LF56	14:20	<0.1	<0.1	21.2	30.1	0	

SVGDB3 was removed due to watermain improvement works. Proposal of adopting SVGDB3A to replace SVGDB3 was submitted in August 2020, and under EPD's consideration

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay

Equipment Used: Landfill gas monitor

Date of Monitoring: 07-Sep-2020

GEM-2000

Weather Condition: Cloudy

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:16	<0.1	8.4	7.4	30.3	0	
G2B	9:11	<0.1	<0.1	20.6	30.7	0	
GDB3	10:37	<0.1	<0.1	20.6	28.6	0	
GDB4	10:48	<0.1	<0.1	20.4	29.6	0	
GDB5	10:23	<0.1	<0.1	20.8	29.1	0	
GDB6	10:18	<0.1	2.9	12.8	29.9	0	
GDB7	10:29	<0.1	7.5	10.2	29.2	0	
GDB10	10:32	<0.1	0.6	19.5	28.9	0	
GDBGW5	9:17	<0.1	0.4	20.0	31.4	0	
GDBGW7	10:25	<0.1	<0.1	20.6	30.6	0	
GG1	9:44	<0.1	0.8	19.0	29.0	0	
GG2	9:39	<0.1	<0.1	20.6	31.0	0	
GG3	9:50	<0.1	3.4	14.9	30.7	0	
GG4	11:03	<0.1	2.2	17.4	33.0	0	
GG5	10:49	<0.1	1.1	18.0	29.7	0	
GG5A	10:58	<0.1	4.7	7.4	30.5	0	
GW1	9:14	<0.1	1.5	18.4	29.6	0	
GW2	9:35	<0.1	1.0	19.6	27.9	0	
SV18	9:54	<0.1	<0.1	20.8	28.4	0	
SV23B	10:13	<0.1	<0.1	20.8	30.3	0	
SV24B	10:08	<0.1	<0.1	20.9	28.5	0	
SV31B	10:55	<0.1	<0.1	20.6	30.0	0	
SVB4	9:20	<0.1	0.3	18.9	30.8	0	
SVB5A	9:29	<0.1	<0.1	20.6	29.6	0	
SVGDB3A	10:53	<0.1	<0.1	20.5	29.2	0	
SVGDB4	10:45	<0.1	<0.1	20.6	30.0	0	
SVGDB6	10:14	<0.1	<0.1	20.8	30.4	0	
SVGG5	10:51	<0.1	<0.1	20.7	29.9	0	
LF55	9:23	<0.1	1.5	18.4	28.5	0	
LF56	9:25	<0.1	1.6	18.3	27.7	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay

Equipment Used: Landfill gas monitor

Date of Monitoring: 19-Oct-2020

GEM-5000

Weather Condition: Cloudy

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:51	<0.1	8.4	10.1	30.4	0	
G2B	9:36	<0.1	0.4	19.8	29.4	0	
GDB3	11:07	<0.1	<0.1	21.4	25.9	0	
GDB4	11:12	<0.1	<0.1	21.2	29.2	0	
GDB5	10:53	<0.1	<0.1	21.5	26.7	0	
GDB6	10:49	<0.1	2.5	17.4	28.6	0	
GDB7	10:58	<0.1	5.6	13.3	28.5	0	
GDB10	11:02	0.3	7.3	15.1	27.7	0	
GDBGW5	9:44	<0.1	0.2	20.3	28.4	0	
GDBGW7	10:55	<0.1	<0.1	21.3	29.3	0	
GG1	10:15	<0.1	2.7	16.8	26.0	0	
GG2	10:11	<0.1	0.9	19.4	28.3	0	
GG3	10:20	<0.1	4.9	14.6	27.3	0	
GG4	11:31	<0.1	2.3	17.5	31.3	0	
GG5	11:14	<0.1	1.9	17.2	30.5	0	
GG5A	11:23	<0.1	2.0	16.6	28.7	0	
GW1	9:41	<0.1	1.6	19.1	27.5	0	
GW2	10:02	<0.1	0.3	20.9	25.1	0	
SV18	10:24	<0.1	0.5	20.3	28.3	0	
SV23B	10:46	<0.1	<0.1	21.4	29.1	0	
SV24B	10:40	<0.1	<0.1	21.6	27.2	0	
SV31B	11:21	<0.1	<0.1	21.3	29.0	0	
SVB4	9:47	<0.1	0.1	19.1	27.8	0	
SVB5A	9:56	<0.1	<0.1	21.1	27.8	0	
SVGDB3A	11:16	<0.1	<0.1	21.3	30.1	0	
SVGDB4	11:10	<0.1	<0.1	21.4	26.8	0	
SVGDB6	10:48	<0.1	<0.1	21.3	29.9	0	
SVGG5	11:18	<0.1	<0.1	21.2	29.8	0	
LF55	9:50	<0.1	0.8	20.0	24.6	0	
LF56	9:52	<0.1	1.7	18.8	26.2	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 03-Nov-2020
Weather Condition: Cloudy

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:24	<0.1	10.5	8.7	27.5	0	
G2B	9:18	<0.1	0.1	20.8	28.5	0	
GDB3	10:49	<0.1	<0.1	21.4	24.7	0	
GDB4	10:52	<0.1	0.1	21.3	27.0	0	
GDB5	10:30	<0.1	<0.1	21.5	25.1	0	
GDB6	10:26	<0.1	2.6	17.0	25.8	0	
GDB7	10:44	<0.1	6.5	12.0	25.8	0	
GDB10	10:38	0.3	13.2	3.6	24.8	0	
GDBGW5	9:25	<0.1	0.2	20.6	26.4	0	
GDBGW7	10:32	<0.1	<0.1	21.4	25.8	0	
GG1	9:47	<0.1	2.0	19.5	24.5	0	
GG2	9:43	<0.1	3.4	15.9	26.9	0	
GG3	9:55	<0.1	4.7	16.1	24.8	0	
GG4	11:10	<0.1	2.7	18.3	28.2	0	
GG5	10:54	<0.1	2.5	17.5	27.5	0	
GG5A	11:01	<0.1	3.6	13.7	26.6	0	
GW1	9:22	<0.1	2.4	18.5	26.7	0	
GW2	9:39	<0.1	2.1	19.3	24.1	0	
SV18	10:03	<0.1	<0.1	21.4	24.5	0	
SV23B	10:20	<0.1	<0.1	21.3	26.7	0	
SV24B	10:16	<0.1	<0.1	21.6	25.1	0	
SV31B	10:58	<0.1	<0.1	21.4	26.9	0	
SVB4	9:28	<0.1	<0.1	20.4	26.3	0	
SVB5A	9:35	<0.1	<0.1	21.1	27.0	0	
SVGDB3A	10:56	<0.1	<0.1	21.2	27.8	0	
SVGDB4	10:51	<0.1	<0.1	21.4	26.1	0	
SVGDB6	10:23	<0.1	<0.1	21.3	26.7	0	
SVGG5	10:55	<0.1	<0.1	20.7	28.0	0	
LF55	9:30	<0.1	1.4	19.8	24.0	0	
LF56	9:32	<0.1	2.2	19.0	25.1	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 16-Dec-2020
Weather Condition: Cloudy

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:25	<0.1	6.5	14.8	18.9	0	
G2B	10:44	<0.1	0.5	20.5	20.8	0	
GDB3	10:50	<0.1	5.8	14.4	16.7	0	
GDB4	11:35	<0.1	<0.1	21.2	17.7	0	
GDB5	10:55	<0.1	<0.1	21.2	15.4	0	
GDB6	11:15	<0.1	2.8	17.9	18.4	0	
GDB7	11:02	<0.1	6.7	13.2	17.5	0	
GDB10	11:06	<0.1	0.7	20.3	16.9	0	
GDBGW5	10:36	<0.1	0.2	20.8	18.8	0	
GDBGW7	10:57	<0.1	<0.1	21.1	17.3	0	
GG1	9:47	<0.1	0.6	19.9	17.3	0	
GG2	9:50	<0.1	<0.1	21.0	18.3	0	
GG3	9:41	<0.1	5.9	14.9	16.3	0	
GG4	11:48	<0.1	2.5	19.2	18.3	0	
GG5	11:37	<0.1	4.4	13.7	19.1	0	
GG5A	11:43	<0.1	3.6	14.6	17.5	0	
GW1	10:40	<0.1	2.5	18.8	17.7	0	
GW2	9:54	<0.1	4.4	16.4	17.4	0	
SV18	9:38	<0.1	<0.1	20.9	17.0	0	
SV23B	11:29	<0.1	<0.1	21.1	20.8	0	
SV24B	11:21	<0.1	<0.1	21.3	16.9	0	
SV31B	11:41	<0.1	<0.1	21.1	16.4	0	
SVB4	10:07	<0.1	<0.1	20.8	16.9	0	
SVB5A	9:59	<0.1	<0.1	21.2	18.1	0	
SVGDB3A	11:40	<0.1	<0.1	20.8	17.1	0	
SVGDB4	11:33	<0.1	<0.1	21.2	17.8	0	
SVGDB6	11:27	<0.1	<0.1	21.2	18.7	0	
SVGG5	11:39	<0.1	0.1	20.4	17.0	0	
LF55	10:19	<0.1	0.9	20.5	16.4	0	
LF56	10:23	<0.1	1.5	19.6	18.2	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay

Equipment Used: Landfill gas monitor

Date of Monitoring: 04-Jan-2021

GEM-5000

Weather Condition: Cloudy

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:55	<0.1	6.4	13.8	22.8	0	
G2B	10:29	<0.1	0.8	20	23.1	0	
GDB3	10:35	<0.1	1.7	19.6	19.4	0	
GDB4	11:15	<0.1	<0.1	21.2	21.5	0	
GDB5	10:38	<0.1	<0.1	21.4	21.2	0	
GDB6	10:58	<0.1	3.6	14.4	21.8	0	
GDB7	10:44	<0.1	5.5	15.0	20.5	0	
GDB10	10:47	<0.1	0.4	20.8	20.4	0	
GDBGW5	10:20	<0.1	<0.1	21.0	21.6	0	
GDBGW7	10:40	<0.1	<0.1	21.4	21.4	0	
GG1	9:47	<0.1	1.2	19.7	20.0	0	
GG2	9:54	<0.1	0.6	19.9	21.0	0	
GG3	9:42	<0.1	5.3	16.2	19.5	0	
GG4	11:29	<0.1	1.5	20.2	21.3	0	
GG5	11:17	<0.1	4.0	14.4	22.4	0	
GG5A	11:24	<0.1	2.6	16.2	21.2	0	
GW1	10:24	<0.1	2.4	18.7	21.9	0	
GW2	9:59	<0.1	3.9	17.3	19.6	0	
SV18	9:38	<0.1	<0.1	20.9	20.7	0	
SV23B	11:07	<0.1	<0.1	20.9	22.6	0	
SV24B	11:03	<0.1	<0.1	21.4	22.8	0	
SV31B	11:22	<0.1	<0.1	21.2	22.0	0	
SVB4	10:08	<0.1	<0.1	21.1	19.6	0	
SVB5A	10:05	<0.1	<0.1	20.6	21.8	0	
SVGDB3A	11:21	<0.1	<0.1	21.1	21.8	0	
SVGDB4	11:14	<0.1	<0.1	21.1	21.6	0	
SVGDB6	11:08	<0.1	0.1	20.7	24.0	0	
SVGG5	11:20	<0.1	<0.1	21.1	21.9	0	
LF55	10:12	<0.1	0.7	20.5	20.4	0	
LF56	10:14	<0.1	1.4	19.7	20.6	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 01-Feb-2021
Weather Condition: Sunny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:30	<0.1	6.3	13.3	28.6	0	
G2B	10:03	<0.1	0.5	20.4	25.3	0	
GDB3	10:10	<0.1	1.5	18.7	20.6	0	
GDB4	10:49	<0.1	0.1	20.7	25.3	0	
GDB5	10:14	<0.1	0.1	21.0	25.9	0	
GDB6	10:32	<0.1	3.0	15.0	25.1	0	
GDB7	10:21	<0.1	5.3	15.1	25.4	0	
GDB10	10:24	<0.1	0.2	20.8	24.4	0	
GDBGW5	9:55	<0.1	0.2	20.6	21.0	0	
GDBGW7	10:17	<0.1	<0.1	21.1	24.3	0	
GG1	9:22	<0.1	0.6	20.0	21.6	0	
GG2	9:28	<0.1	1.3	18.6	22.6	0	
GG3	9:16	<0.1	4.6	16.9	22.6	0	
GG4	11:04	<0.1	1.4	19.5	24.0	0	
GG5	10:52	<0.1	3.5	14.6	24.0	0	
GG5A	10:59	<0.1	2.8	15.0	26.4	0	
GW1	10:00	<0.1	2.1	18.3	24.4	0	
GW2	9:34	<0.1	4.5	15.5	20.5	0	
SV18	9:13	<0.1	0.1	20.8	23.7	0	
SV23B	10:41	<0.1	<0.1	20.9	25.8	0	
SV24B	10:38	<0.1	<0.1	21.1	24.3	0	
SV31B	10:57	<0.1	<0.1	20.9	24.1	0	
SVB4	9:44	<0.1	<0.1	21.0	20.3	0	
SVB5A	9:41	<0.1	<0.1	20.9	23.2	0	
SVGDB3A	10:55	<0.1	<0.1	21.0	24.7	0	
SVGDB4	10:48	<0.1	<0.1	21.0	25.8	0	
SVGDB6	10:43	<0.1	<0.1	20.8	26.5	0	
SVGG5	10:54	<0.1	<0.1	20.9	24.7	0	
LF55	9:48	<0.1	0.5	20.5	22.0	0	
LF56	9:50	<0.1	1.1	19.6	22.8	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 05-Mar-2021
Weather Condition: Cloudy

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:01	<0.1	6.4	13.9	22.1	0	
G2B	10:34	0.1	1.1	20.0	23.2	0	
GDB3	10:40	<0.1	0.8	21.0	21.2	0	
GDB4	11:21	<0.1	<0.1	21.7	22.1	0	
GDB5	10:43	<0.1	0.1	21.3	22.2	0	
GDB6	11:03	<0.1	3.0	16.6	22.0	0	
GDB7	10:51	<0.1	5.4	15.2	22.0	0	
GDB10	10:53	<0.1	3.2	18.1	21.8	0	
GDBGW5	10:24	<0.1	0.4	20.8	22.2	0	
GDBGW7	10:47	<0.1	<0.1	21.5	22.1	0	
GG1	9:51	<0.1	1.4	19.2	22.8	0	
GG2	9:57	<0.1	<0.1	21.2	23.7	0	
GG3	9:42	<0.1	4.5	17.2	21.9	0	
GG4	11:46	<0.1	1.5	20.2	20.8	0	
GG5	11:23	<0.1	3.6	19.3	21.6	0	
GG5A	11:30	<0.1	0.1	21.3	21.1	0	
GW1	10:30	<0.1	0.8	20.5	22.8	0	
GW2	10:03	<0.1	6.0	13.7	21.1	0	
SV18	9:38	<0.1	<0.1	21.2	21.8	0	
SV23B	11:15	<0.1	<0.1	21.6	23.2	0	
SV24B	11:08	<0.1	<0.1	21.7	22.1	0	
SV31B	11:41	<0.1	<0.1	21.8	20.9	0	
SVB4	10:12	<0.1	0.1	19.1	21.9	0	
SVB5A	10:09	<0.1	<0.1	21.3	22.5	0	
SVGDB3A	11:26	<0.1	0.1	20.9	21.3	0	
SVGDB4	11:20	<0.1	<0.1	21.7	24.5	0	
SVGDB6	11:16	<0.1	<0.1	21.5	22.1	0	
SVGG5	11:25	<0.1	0.1	20.9	21.5	0	
LF55	10:15	<0.1	0.6	20.5	21.9	0	
LF56	10:18	<0.1	1.7	19.5	22.2	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 07-Apr-2021
Weather Condition: Cloudy

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:34	<0.1	6.8	13.5	25.7	0	
G2B	10:06	<0.1	0.7	20.4	26.1	0	
GDB3	10:12	<0.1	2.7	19.1	24.4	0	
GDB4	10:52	<0.1	<0.1	21.8	24.0	0	
GDB5	10:16	<0.1	<0.1	21.7	23.9	0	
GDB6	10:38	<0.1	3.2	15.7	25.4	0	
GDB7	10:21	<0.1	10.7	9.1	24.5	0	
GDB10	10:26	<0.1	0.1	21.4	24.3	0	
GDBGW5	9:58	<0.1	0.1	21.1	26.2	0	
GDBGW7	10:17	<0.1	<0.1	21.7	26.0	0	
GG1	9:25	<0.1	1.6	19.0	25.2	0	
GG2	9:31	<0.1	0.3	20.3	26.2	0	
GG3	9:21	<0.1	4.0	17.9	24.9	0	
GG4	11:04	<0.1	1.8	20.0	24.8	0	
GG5	10:54	<0.1	2.7	17.8	24.8	0	
GG5A	11:00	<0.1	3.5	14.4	24.4	0	
GW1	10:02	<0.1	3.1	17.5	24.8	0	
GW2	9:37	<0.1	1.8	19.7	24.4	0	
SV18	9:15	<0.1	<0.1	21.3	25.3	0	
SV23B	10:46	<0.1	<0.1	21.6	26.0	0	
SV24B	10:41	<0.1	<0.1	21.8	24.9	0	
SV31B	10:58	<0.1	<0.1	21.8	24.1	0	
SVB4	9:55	<0.1	<0.1	20.8	26.1	0	
SVB5A	9:43	<0.1	<0.1	21.4	24.5	0	
SVGDB3A	10:56	<0.1	0.2	20.9	24.5	0	
SVGDB4	10:51	<0.1	<0.1	21.8	23.8	0	
SVGDB6	10:47	<0.1	<0.1	21.5	26.2	0	
SVGG5	10:55	<0.1	0.2	21.2	24.4	0	
LF55	9:49	<0.1	0.7	20.5	24.6	0	
LF56	9:51	<0.1	2.1	18.9	24.9	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 11-May-2021
Weather Condition: Sunny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:30	<0.1	4.4	15.7	31.0	0	
G2B	10:02	<0.1	<0.1	20.5	31.4	0	
GDB3	10:07	<0.1	1.0	19.6	31.1	0	
GDB4	10:50	<0.1	0.7	19.9	32.4	0	
GDB5	10:11	<0.1	<0.1	20.7	32.5	0	
GDB6	10:34	<0.1	<0.1	20.4	32.6	0	
GDB7	10:18	<0.1	4.0	16.4	38.2	0	
GDB10	10:23	<0.1	0.3	20.0	34.1	0	
GDBGW5	9:54	<0.1	<0.1	20.2	31.5	0	
GDBGW7	10:13	<0.1	<0.1	20.4	32.8	0	
GG1	9:22	<0.1	0.4	20.0	31.0	0	
GG2	9:26	<0.1	<0.1	20.4	30.7	0	
GG3	9:16	<0.1	2.8	18.4	31.4	0	
GG4	11:04	<0.1	2.3	19.0	33.4	0	
GG5	10:52	<0.1	1.0	20.2	30.5	0	
GG5A	10:57	<0.1	5.3	11.5	33.3	0	
GW1	9:59	<0.1	<0.1	20.4	34.5	0	
GW2	9:32	<0.1	1.6	18.8	30.9	0	
SV18	9:12	<0.1	<0.1	20.7	33.9	0	
SV23B	10:42	<0.1	<0.1	20.9	30.8	0	
SV24B	10:38	<0.1	<0.1	20.9	32.6	0	
SV31B	10:55	<0.1	<0.1	21.1	32.9	0	
SVB4	9:41	<0.1	0.1	18.8	36.2	0	
SVB5A	9:37	<0.1	<0.1	20.5	30.2	0	
SVGDB3A	10:54	<0.1	<0.1	20.9	30.4	0	
SVGDB4	10:48	<0.1	<0.1	21.0	33.8	0	
SVGDB6	10:43	<0.1	<0.1	20.9	31.2	0	
SVGG5	10:53	<0.1	<0.1	21.0	30.4	0	
LF55	9:45	<0.1	0.1	20.3	30.9	0	
LF56	9:47	<0.1	0.1	20.2	32.6	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay

Equipment Used: Landfill gas monitor

Date of Monitoring: 21-Jun-2021

GEM-5000

Weather Condition: Cloudy

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:04	<0.1	2.3	19.1	31.3	0	
G2B	10:38	<0.1	<0.1	20.9	31.4	0	
GDB3	10:44	<0.1	1.1	19.8	32.1	0	
GDB4	11:21	<0.1	1.7	19.0	32.4	0	
GDB5	10:47	<0.1	<0.1	21.0	31.4	0	
GDB6	11:09	<0.1	<0.1	20.9	31.8	0	
GDB7	10:53	<0.1	5.2	15.1	31.1	0	
GDB10	10:57	<0.1	<0.1	20.9	32.0	0	
GDBGW5	10:29	<0.1	<0.1	20.9	32.7	0	
GDBGW7	10:49	<0.1	<0.1	20.9	31.0	0	
GG1	9:49	<0.1	0.2	20.5	31.1	0	
GG2	9:55	<0.1	<0.1	20.8	32.3	0	
GG3	9:41	<0.1	2.6	18.3	31.6	0	
GG4	11:38	<0.1	2.1	19.1	33.5	0	
GG5	11:23	<0.1	0.7	20.3	31.5	0	
GG5A	11:31	<0.1	7.6	7.0	32.7	0	
GW1	10:35	<0.1	<0.1	20.9	32.2	0	
GW2	10:06	<0.1	2.2	18.9	30.5	0	
SV18	9:37	<0.1	<0.1	20.7	30.6	0	
SV23B	11:15	<0.1	<0.1	21.1	32.0	0	
SV24B	11:13	<0.1	<0.1	21.1	32.3	0	
SV31B	11:27	<0.1	<0.1	20.8	32.5	0	
SVB4	10:15	<0.1	<0.1	20.8	32.3	0	
SVB5A	10:12	<0.1	<0.1	20.9	31.1	0	
SVGDB3A	11:26	<0.1	<0.1	20.9	32.1	0	
SVGDB4	11:20	<0.1	<0.1	20.9	31.6	0	
SVGDB6	11:16	<0.1	<0.1	21.0	32.3	0	
SVGG5	11:25	<0.1	<0.1	21.0	32.1	0	
LF55	10:19	<0.1	<0.1	20.8	30.4	0	
LF56	10:20	<0.1	<0.1	20.9	31.8	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 15-Jul-2021
Weather Condition: Sunny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	14:25	<0.1	4.1	15.2	35.9	0	
G2B	11:43	<0.1	<0.1	20.7	33.7	0	
GDB3	13:55	<0.1	1.3	19.6	43.0	0	
GDB4	14:42	<0.1	1.6	18.9	36.9	0	
GDB5	13:58	<0.1	<0.1	20.9	34.9	0	
GDB6	14:27	<0.1	<0.1	20.6	35.5	0	
GDB7	14:06	<0.1	8.3	11.1	32.6	0	
GDB10	14:14	<0.1	10.3	6.8	32.5	0	
GDBGW5	11:33	<0.1	0.1	20.3	38.3	0	
GDBGW7	14:01	<0.1	<0.1	20.6	36.0	0	
GG1	10:57	<0.1	0.8	19.8	32.6	0	
GG2	11:02	<0.1	<0.1	21.0	32.9	0	
GG3	10:52	<0.1	3.0	17.5	33.9	0	
GG4	11:47	<0.1	2.3	18.4	36.4	0	
GG5	14:46	<0.1	1.2	19.4	34.5	0	
GG5A	14:53	<0.1	5.4	11.4	36.6	0	
GW1	11:38	<0.1	0.3	20.3	40.1	0	
GW2	11:12	<0.1	2.9	18.3	30.7	0	
SV18	10:49	<0.1	<0.1	20.8	35.2	0	
SV23B	14:35	<0.1	<0.1	21.0	37.8	0	
SV24B	14:31	<0.1	<0.1	21.0	34.3	0	
SV31B	14:51	<0.1	<0.1	21.0	35.5	0	
SVB4	11:22	<0.1	0.3	16.7	33.7	0	
SVB5A	11:18	<0.1	<0.1	21.0	33.0	0	
SVGDB3A	14:49	<0.1	<0.1	20.9	35.5	0	
SVGDB4	14:41	<0.1	<0.1	20.8	34.7	0	
SVGDB6	14:36	<0.1	<0.1	21.0	38.5	0	
SVGG5	14:48	<0.1	<0.1	21.0	34.8	0	
LF55	11:25	<0.1	1.6	19.5	30.2	0	
LF56	11:28	<0.1	1.7	19.0	33.1	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 17-Aug-2021
Weather Condition: Sunny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:33	<0.1	4.5	14.2	30.2	0	
G2B	10:01	<0.1	0.1	20.3	30.6	0	
GDB3	10:07	<0.1	<0.1	20.7	28.9	0	
GDB4	10:50	<0.1	0.9	19.9	32.2	0	
GDB5	10:11	<0.1	<0.1	20.7	31.3	0	
GDB6	10:35	<0.1	<0.1	20.8	31.5	0	
GDB7	10:23	<0.1	6.2	11.8	32.6	0	
GDB10	10:26	<0.1	1.3	18.0	32.8	0	
GDBGW5	9:53	<0.1	<0.1	20.7	32.8	0	
GDBGW7	10:14	<0.1	<0.1	20.7	31.7	0	
GG1	9:21	<0.1	1.2	19.5	31.4	0	
GG2	9:27	<0.1	3.8	13.7	31.8	0	
GG3	9:16	<0.1	3.5	14.7	30.3	0	
GG4	11:06	<0.1	2.4	17.8	33.3	0	
GG5	10:53	<0.1	1.0	19.4	31.4	0	
GG5A	10:59	<0.1	3.0	13.6	32.6	0	
GW1	9:57	<0.1	<0.1	20.6	36.2	0	
GW2	9:33	<0.1	1.5	19.3	30.1	0	
SV18	9:12	<0.1	<0.1	20.8	30.7	0	
SV23B	10:43	<0.1	<0.1	21.0	31.5	0	
SV24B	10:39	<0.1	<0.1	20.9	32.9	0	
SV31B	10:57	<0.1	<0.1	21.1	34.8	0	
SVB4	9:41	<0.1	<0.1	20.4	31.7	0	
SVB5A	9:37	<0.1	<0.1	20.7	31.3	0	
SVGDB3A	10:56	<0.1	<0.1	21.0	29.2	0	
SVGDB4	10:49	<0.1	<0.1	20.9	34.1	0	
SVGDB6	10:44	<0.1	<0.1	21.1	30.9	0	
SVGG5	10:55	<0.1	<0.1	20.8	30.5	0	
LF55	9:44	<0.1	0.4	20.3	29.1	0	
LF56	9:46	<0.1	0.9	19.4	28.9	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 02-Sep-2021
Weather Condition: Sunny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:08	<0.1	8.4	6.9	31.6	0	
G2B	10:38	0.1	0.2	19.5	31.1	0	
GDB3	10:46	<0.1	<0.1	20.3	28.7	0	
GDB4	11:30	<0.1	<0.1	20.7	31.4	0	
GDB5	10:50	<0.1	<0.1	20.4	31.8	0	
GDB6	11:12	<0.1	2.8	14.5	31.6	0	
GDB7	10:56	<0.1	2.8	16.4	30.6	0	
GDB10	10:59	<0.1	6.1	11.0	30.9	0	
GDBGW5	10:27	<0.1	0.1	20.2	35.6	0	
GDBGW7	10:52	<0.1	0.1	20.4	30.8	0	
GG1	9:49	<0.1	2.9	15.3	32.3	0	
GG2	9:55	<0.1	0.6	19.0	31.9	0	
GG3	9:40	<0.1	4.8	13.2	29.9	0	
GG4	11:46	<0.1	1.7	18.5	32.4	0	
GG5	11:32	<0.1	2.3	15.6	31.5	0	
GG5A	11:40	<0.1	1.9	16.9	33.3	0	
GW1	10:34	<0.1	0.1	20.1	35.4	0	
GW2	10:03	<0.1	1.7	18.4	30.0	0	
SV18	9:36	<0.1	0.1	20.8	30.8	0	
SV23B	11:23	<0.1	<0.1	20.7	34.2	0	
SV24B	11:19	<0.1	<0.1	20.6	33.1	0	
SV31B	11:37	<0.1	<0.1	20.6	34.4	0	
SVB4	10:15	<0.1	0.2	17.5	32.1	0	
SVB5A	10:10	<0.1	0.1	20.0	32.3	0	
SVGDB3A	11:35	<0.1	<0.1	20.6	30.6	0	
SVGDB4	11:28	<0.1	<0.1	20.6	32.9	0	
SVGDB6	11:24	<0.1	<0.1	20.7	34.3	0	
SVGG5	11:34	<0.1	<0.1	20.7	31.8	0	
LF55	10:18	<0.1	0.6	19.7	29.6	0	
LF56	10:22	<0.1	<0.1	20.2	29.0	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay

Equipment Used: Landfill gas monitor

Date of Monitoring: 07-Oct-2021

GEM-5000

Weather Condition: Cloudy

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	15:03	<0.1	13.2	5.2	34.2	0	
G2B	15:48	0.1	0.5	20.1	33.5	0	
GDB3	15:28	<0.1	0.2	20.4	30.5	0	
GDB4	15:32	<0.1	<0.1	20.7	32.4	0	
GDB5	15:11	<0.1	<0.1	20.5	30.5	0	
GDB6	15:00	<0.1	5.3	11.3	31.8	0	
GDB7	15:16	<0.1	10.4	7.2	30.3	0	
GDB10	15:20	<0.1	11.2	6.8	30.8	0	
GDBGW5	14:02	<0.1	<0.1	20.2	36.2	0	
GDBGW7	15:12	<0.1	<0.1	20.5	31.4	0	
GG1	14:37	<0.1	7.1	9.1	31.9	0	
GG2	14:32	<0.1	0.2	19.9	33.1	0	
GG3	14:43	<0.1	5.9	13.2	33.2	0	
GG4	15:51	<0.1	2.7	17.3	32.3	0	
GG5	15:34	<0.1	2.4	16.7	29.8	0	
GG5A	15:40	<0.1	7.2	8.8	32.2	0	
GW1	13:58	<0.1	<0.1	20.5	33.1	0	
GW2	14:26	<0.1	0.7	19.3	30.8	0	
SV18	14:47	<0.1	<0.1	20.3	33.0	0	
SV23B	15:08	<0.1	0.2	20.0	32.7	0	
SV24B	14:57	<0.1	<0.1	20.4	31.4	0	
SV31B	15:38	<0.1	<0.1	20.8	31.8	0	
SVB4	14:05	<0.1	0.1	19.2	34.7	0	
SVB5A	14:19	<0.1	0.1	19.7	33.1	0	
SVGDB3A	15:37	<0.1	0.4	19.2	32.1	0	
SVGDB4	15:31	<0.1	<0.1	20.6	32.0	0	
SVGDB6	15:07	<0.1	0.1	20.1	33.2	0	
SVGG5	15:36	<0.1	0.6	19.4	31.7	0	
LF55	14:09	<0.1	<0.1	20.2	30.5	0	
LF56	14:12	<0.1	<0.1	20.2	31.8	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 01-Nov-2021
Weather Condition: Fine

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:02	<0.1	10.8	6.7	29.6	0	
G2B	10:33	0.1	0.5	19.3	29.6	0	
GDB3	10:38	<0.1	0.2	20.1	26.1	0	
GDB4	11:21	<0.1	<0.1	20.4	28.5	0	
GDB5	10:41	<0.1	<0.1	20.2	28.2	0	
GDB6	11:06	<0.1	3.7	15.4	28.5	0	
GDB7	10:47	<0.1	10.8	6.2	29.0	0	
GDB10	10:54	<0.1	3.0	15.8	26.9	0	
GDBGW5	10:25	<0.1	<0.1	20.2	28.7	0	
GDBGW7	10:43	<0.1	<0.1	20.2	28.0	0	
GG1	9:49	<0.1	4.9	12.5	26.9	0	
GG2	9:55	<0.1	4.3	13.2	27.3	0	
GG3	9:44	<0.1	5.0	14.3	27.2	0	
GG4	11:36	<0.1	1.6	17.3	29.6	0	
GG5	11:23	<0.1	2.8	15.2	28.8	0	
GG5A	11:30	<0.1	0.3	20.0	29.3	0	
GW1	10:29	<0.1	0.1	19.9	31.8	0	
GW2	10:03	<0.1	0.2	20.1	25.4	0	
SV18	9:39	<0.1	<0.1	20.7	28.9	0	
SV23B	11:13	<0.1	0.1	20.2	30.8	0	
SV24B	11:09	<0.1	<0.1	20.6	29.3	0	
SV31B	11:28	<0.1	<0.1	20.6	30.2	0	
SVB4	10:12	<0.1	0.1	19.9	27.1	0	
SVB5A	10:09	<0.1	<0.1	20.1	29.1	0	
SVGDB3A	11:27	<0.1	0.6	18.6	31.9	0	
SVGDB4	11:20	<0.1	<0.1	20.6	29.6	0	
SVGDB6	11:15	<0.1	<0.1	20.4	32.6	0	
SVGG5	11:25	<0.1	1.0	18.2	33.0	0	
LF55	10:15	<0.1	0.4	19.7	26.3	0	
LF56	10:17	<0.1	1.9	18.0	28.2	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 03-Dec-2021
Weather Condition: Sunny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:28	<0.1	10.2	10.7	26.5	0	
G2B	10:57	0.1	0.8	20.1	25.7	0	
GDB3	11:02	<0.1	0.7	20.0	19.5	0	
GDB4	11:46	<0.1	<0.1	21.3	25.1	0	
GDB5	11:07	<0.1	0.1	21.1	20.9	0	
GDB6	11:33	<0.1	4.7	14.3	22.5	0	
GDB7	11:14	<0.1	13.8	4.6	22.0	0	
GDB10	11:19	<0.1	9.4	10.1	18.5	0	
GDBGW5	10:48	<0.1	0.1	21.3	18.0	0	
GDBGW7	11:09	<0.1	0.1	21.2	20.7	0	
GG1	10:05	<0.1	4.3	15.3	19.8	0	
GG2	10:15	<0.1	5.0	10.7	22.0	0	
GG3	9:58	<0.1	5.1	15.3	20.9	0	
GG4	12:01	<0.1	1.1	20.5	24.5	0	
GG5	11:48	<0.1	2.0	18.6	24.3	0	
GG5A	11:55	<0.1	0.1	21.1	23.0	0	
GW1	10:53	<0.1	4.1	15.9	23.8	0	
GW2	10:23	<0.1	3.1	16.9	20.1	0	
SV18	9:55	<0.1	0.1	21.6	23.8	0	
SV23B	11:40	<0.1	0.1	21.2	24.4	0	
SV24B	11:37	<0.1	<0.1	21.6	23.8	0	
SV31B	11:52	<0.1	<0.1	21.2	27.3	0	
SVB4	10:34	<0.1	<0.1	21.3	19.7	0	
SVB5A	10:31	<0.1	<0.1	21.2	23.6	0	
SVGDB3A	11:51	<0.1	0.4	20.3	28.0	0	
SVGDB4	11:45	<0.1	<0.1	21.4	28.4	0	
SVGDB6	11:41	<0.1	0.1	21.2	27.3	0	
SVGG5	11:50	<0.1	0.2	20.8	28.9	0	
LF55	10:38	<0.1	0.9	20.2	20.5	0	
LF56	10:41	<0.1	1.6	19.3	21.7	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 10-Jan-2022 ; 13-Jan-2022
Weather Condition: Cloudy ; Cloudy

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	15:45	<0.1	6.0	14.1	23.3	0	
G2B	14:34	<0.1	0.2	20.6	24.2	0	
GDB3	16:11	<0.1	0.7	20.4	22.3	0	
GDB4	16:16	<0.1	0.1	21.2	21.8	0	
GDB5	15:53	<0.1	<0.1	21.2	21.9	0	
GDB6	15:48	<0.1	1.6	18.7	22.9	0	
GDB7	15:59	<0.1	8.0	11.9	22.2	0	
GDB10	16:03	<0.1	5.6	14.4	21.9	0	
GDBGW5	14:42	<0.1	0.3	20.3	27.3	0	
GDBGW7	15:56	<0.1	0.2	21.1	23.6	0	
GG1	15:14	<0.1	1.8	18.4	22.1	0	
GG2	15:08	<0.1	3.5	12.8	22.2	0	
GG3	15:21	<0.1	3.7	17.1	22.4	0	
GG4	16:29	<0.1	1.4	19.7	23.4	0	
GG5	16:18	<0.1	3.4	14.4	22.4	0	
GG5A	16:25	<0.1	<0.1	19.5	22.1	0	
GW1	14:37	<0.1	0.1	20.5	24.5	0	
GW2	15:02	<0.1	4.6	15.4	21.7	0	
SV18	15:27	<0.1	0.1	20.9	23.6	0	
SV23B	15:42	<0.1	0.1	21.0	24.5	0	
SV24B	15:38	<0.1	<0.1	21.2	23.6	0	
SV31B	16:22	<0.1	<0.1	21.2	22.2	0	
SVB4	14:45	<0.1	0.2	18.8	22.9	0	
SVB5A	14:58	<0.1	<0.1	20.7	24.3	0	
SVGDB3A	16:21	<0.1	0.4	20.1	21.1	0	
SVGDB4	16:14	<0.1	<0.1	21.2	21.3	0	
SVGDB6	15:43	<0.1	0.1	21.0	24.5	0	
SVGG5	16:20	<0.1	1.1	18.7	20.7	0	
LF55	9:34	<0.1	0.8	20.9	17.6	0	(1)
LF56	9:39	<0.1	1.7	19.7	18.4	0	(1)

(1) LF55 and LF56 were not accessible on 10th Jan, 2022 due to change of padlock by Lands Department and joint-monitoring was rescheduled on 13th Jan, 2022 after gaining approval for access

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay

Equipment Used: Landfill gas monitor

Date of Monitoring: 14-Feb-2022

GEM-5000

Weather Condition: Fine

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:42	<0.1	1.5	20.0	20.2	0	
G2B	9:14	<0.1	0.6	20.5	18.6	0	
GDB3	11:16	<0.1	0.2	20.5	18.4	0	
GDB4	11:20	<0.1	0.7	20.4	20.8	0	
GDB5	10:51	<0.1	<0.1	21.1	21.5	0	
GDB6	10:44	<0.1	4.1	14.1	20.1	0	
GDB7	10:58	<0.1	13.3	6.8	20.9	0	
GDB10	11:06	<0.1	8.6	11.7	19.1	0	
GDBGW5	9:27	<0.1	0.2	20.7	18.5	0	
GDBGW7	10:54	<0.1	0.1	20.9	20.3	0	
GG1	10:16	<0.1	0.2	21.1	17.9	0	
GG2	10:07	<0.1	4.2	12.2	18.7	0	
GG3	10:22	<0.1	4.6	17.4	18.4	0	
GG4	11:38	<0.1	1.2	20.1	24.4	0	
GG5	11:24	<0.1	2.5	18.8	21.1	0	
GG5A	11:32	<0.1	<0.1	18.7	21.5	0	
GW1	9:20	<0.1	3.6	16.1	16.9	0	
GW2	10:02	<0.1	6.0	14.0	17.9	0	
SV18	10:30	<0.1	<0.1	21.2	20.9	0	
SV23B	10:39	<0.1	<0.1	21.2	21.1	0	
SV24B	10:35	<0.1	<0.1	21.3	20.4	0	
SV31B	11:29	<0.1	<0.1	21.0	23.9	0	
SVB4	9:30	<0.1	<0.1	20.9	17.0	0	
SVB5A	9:55	<0.1	<0.1	21.3	18.0	0	
SVGDB3A	11:27	<0.1	0.4	19.9	20.0	0	
SVGDB4	11:22	<0.1	<0.1	21.1	23.2	0	
SVGDB6	10:40	<0.1	<0.1	21.0	21.0	0	
SVGG5	11:26	<0.1	0.4	19.5	19.3	0	
LF55	9:43	<0.1	0.8	20.3	17.8	0	
LF56	9:46	<0.1	1.6	19.5	17.4	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 11-Mar-2022
Weather Condition: Suuny

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:30	<0.1	1.5	19.0	29.7	0	
G2B	10:45	<0.1	<0.1	20.8	27.9	0	
GDB3	11:53	<0.1	0.9	20.7	26.1	0	
GDB4	11:07	<0.1	<0.1	20.7	27.2	0	
GDB5	11:34	<0.1	<0.1	21.3	26.0	0	
GDB6	11:27	<0.1	<0.1	21.2	27.6	0	
GDB7	11:40	<0.1	12.2	6.4	28.2	0	
GDB10	11:46	<0.1	5.7	14.2	28.5	0	
GDBGW5	10:33	<0.1	0.1	20.8	25.0	0	
GDBGW7	11:36	<0.1	0.1	20.9	29.0	0	
GG1	9:47	<0.1	3.3	16.5	23.7	0	
GG2	9:54	<0.1	1.1	18.4	25.0	0	
GG3	9:36	<0.1	4.4	16.5	24.1	0	
GG4	10:50	<0.1	0.8	20.0	26.5	0	
GG5	11:02	<0.1	2.5	17.0	27.7	0	
GG5A	10:57	<0.1	<0.1	18.2	25.8	0	
GW1	10:40	<0.1	<0.1	20.9	28.4	0	
GW2	10:01	<0.1	5.4	14.2	21.5	0	
SV18	9:31	<0.1	<0.1	21.0	26.1	0	
SV23B	11:17	<0.1	<0.1	21.0	28.7	0	
SV24B	11:22	<0.1	<0.1	21.4	30.8	0	
SV31B	10:59	<0.1	<0.1	21.1	29.2	0	
SVB4	10:14	<0.1	<0.1	19.7	25.0	0	
SVB5A	10:09	<0.1	<0.1	21.4	25.0	0	
SVGDB3A	11:05	<0.1	0.1	20.6	25.4	0	
SVGDB4	11:09	<0.1	<0.1	20.8	27.8	0	
SVGDB6	11:15	<0.1	<0.1	21.0	27.8	0	
SVGG5	11:04	<0.1	<0.1	20.7	26.8	0	
LF55	10:26	<0.1	0.9	19.9	25.0	0	
LF56	10:21	<0.1	2.3	18.5	24.8	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 19-Apr-2022 ; 21-Apr-2022
Weather Condition: Shower ; Fine

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	10:01	<0.1	1.3	19.5	26.9	0	21-Apr-2022
G2B	10:43	<0.1	1.1	20.3	24.7	0	
GDB3	9:20	<0.1	0.2	20.7	24.6	0	21-Apr-2022
GDB4	10:27	<0.1	0.8	20.1	25.2	0	21-Apr-2022
GDB5	9:37	<0.1	<0.1	20.8	25.0	0	21-Apr-2022
GDB6	10:04	<0.1	3.5	14.6	25.7	0	21-Apr-2022
GDB7	9:45	<0.1	12.6	7.3	26.4	0	21-Apr-2022
GDB10	9:50	<0.1	6.2	13.6	25.8	0	21-Apr-2022
GDBGW5	10:30	<0.1	0.3	21.3	23.2	0	
GDBGW7	9:39	<0.1	0.1	20.7	25.6	0	21-Apr-2022
GG1	9:57	<0.1	3.0	17.8	20.7	0	
GG2	10:04	<0.1	5.1	8.5	21.2	0	
GG3	9:53	<0.1	4.3	17.5	20.8	0	
GG4	10:49	<0.1	2.2	19.4	22.4	0	
GG5	10:28	<0.1	2.6	18.5	25.3	0	21-Apr-2022
GG5A	10:35	<0.1	<0.1	19.2	26.9	0	21-Apr-2022
GW1	15:18	<0.1	<0.1	21.3	22.9	0	
GW2	10:12	<0.1	2.6	19.2	21.6	0	
SV18	9:47	<0.1	<0.1	21.8	20.7	0	
SV23B	10:17	<0.1	<0.1	20.9	27.4	0	21-Apr-2022
SV24B	10:14	<0.1	<0.1	20.9	27.3	0	21-Apr-2022
SV31B	10:32	<0.1	<0.1	21.0	26.5	0	21-Apr-2022
SVB4	10:27	<0.1	0.1	18.4	22.2	0	
SVB5A	10:20	<0.1	<0.1	21.8	22.3	0	
SVGDB3A	10:30	<0.1	0.1	20.8	26.1	0	21-Apr-2022
SVGDB4	10:25	<0.1	<0.1	20.9	25.7	0	21-Apr-2022
SVGDB6	10:18	0.1	0.1	20.6	28.2	0	21-Apr-2022
SVGG5	10:31	<0.1	<0.1	21.0	26.1	0	21-Apr-2022
LF55	9:23	<0.1	0.8	19.9	21.9	0	
LF56	9:25	<0.1	1.0	20.0	21.8	0	

LANDFILL GAS MONITORING - FIELD MEASUREMENT

Name of Site : Gin Drinkers Bay
Date of Monitoring: 16-Jun-2022
Weather Condition: Cloudy

Equipment Used: Landfill gas monitor
GEM-5000

Well No.	Time	Methane (%)	Carbon Dioxide (%)	Oxygen (%)	Temperature (°C)	Relative Pressure (mbar)	Remark
G1	11:40	<0.1	1.0	19.2	28.1	0	
G2B	11:08	<0.1	0.2	20.7	28.3	0	
GDB3	11:13	<0.1	0.2	20.9	27.3	0	
GDB4	11:58	<0.1	0.2	20.9	28.0	0	
GDB5	11:16	<0.1	<0.1	21.1	26.5	0	
GDB6	11:46	<0.1	0.1	17.4	26.7	0	
GDB7	11:23	<0.1	2.6	17.0	27.0	0	
GDB10	11:27	<0.1	10.5	3.4	27.2	0	
GDBGW5	9:50	<0.1	0.6	21.1	28.0	0	
GDBGW7	11:19	<0.1	<0.1	21.1	27.3	0	
GG1	10:42	<0.1	4.3	15.3	27.1	0	
GG2	10:50	<0.1	6.1	7.2	27.7	0	
GG3	10:34	<0.1	3.0	15.9	27.4	0	
GG4	12:15	<0.1	2.4	19.0	28.6	0	
GG5	12:03	<0.1	0.8	19.6	27.5	0	
GG5A	12:10	<0.1	<0.1	17.5	28.6	0	
GW1	9:56	<0.1	3.6	18.4	27.7	0	
GW2	10:57	<0.1	0.8	19.9	27.0	0	
SV18	10:30	<0.1	<0.1	21.0	26.4	0	
SV23B	11:53	<0.1	<0.1	21.2	28.7	0	
SV24B	11:49	<0.1	<0.1	21.2	27.2	0	
SV31B	12:07	<0.1	<0.1	21.2	28.9	0	
SVB4	9:45	<0.1	0.5	12.4	28.5	0	
SVB5A	10:26	<0.1	0.2	22.4	26.5	0	
SVGDB3A	12:05	<0.1	0.1	20.8	27.1	0	
SVGDB4	12:00	<0.1	<0.1	21.1	28.1	0	
SVGDB6	11:55	<0.1	<0.1	21.1	28.3	0	
SVGG5	12:04	<0.1	0.1	20.7	27.1	0	
LF55	9:40	<0.1	2.4	19.0	26.8	0	
LF56	9:36	<0.1	2.9	18.5	26.9	0	