

Ground Flare Report - 2Q 2022

PPC Permit Condition 4.3.10

Operator shall prepare, and submit to SEPA, a review of ground flaring from the installation including:

- (i) the availability of ground flares A7005 and B7005 during that quarter
- (ii) the ground flare flaring rates and duration utilised during that quarter
- (iii) any improvements identified to increase availability and flaring rates of the ground flares

Improvements identified during the quarter:

Ground Flare availability for the Q2 2022:

A-7005/A – 100%

A-7005/B – 100%

A-7005/A was taken offline for a period of 8 days to repair damaged insulation on the Burner Rails.

<u>Date</u>	<u>Time</u>	<u>Gas to Flare (tonnes/hr)</u>	<u>Average 24hrs</u>	<u>Average t/hr</u>	<u>Comments</u>
01/04/2022 23:00	11:00:00 PM	1.713	1.662	0.069	
02/04/2022 23:00	11:00:00 PM	1.635	1.705	0.071	
03/04/2022 23:00	11:00:00 PM	1.707	1.826	0.076	
04/04/2022 23:00	11:00:00 PM	1.740	1.026	0.043	
05/04/2022 23:00	11:00:00 PM	1.752	1.728	0.072	
06/04/2022 23:00	11:00:00 PM	2.964	2.307	0.096	
07/04/2022 23:00	11:00:00 PM	5.416	2.948	0.123	
08/04/2022 23:00	11:00:00 PM	5.721	5.255	0.219	
09/04/2022 23:00	11:00:00 PM	4.287	5.235	0.218	
10/04/2022 23:00	11:00:00 PM	2.838	4.455	0.186	
11/04/2022 23:00	11:00:00 PM	1.633	2.460	0.102	
12/04/2022 23:00	11:00:00 PM	2.083	2.252	0.094	
13/04/2022 23:00	11:00:00 PM	1.960	1.865	0.078	
14/04/2022 23:00	11:00:00 PM	1.650	1.896	0.079	
15/04/2022 23:00	11:00:00 PM	1.303	1.649	0.069	
16/04/2022 23:00	11:00:00 PM	1.347	1.298	0.054	
17/04/2022 23:00	11:00:00 PM	1.328	1.362	0.057	
18/04/2022 23:00	11:00:00 PM	1.453	1.390	0.058	
19/04/2022 23:00	11:00:00 PM	1.472	1.681	0.070	
20/04/2022 23:00	11:00:00 PM	1.012	1.191	0.050	
21/04/2022 23:00	11:00:00 PM	0.957	0.925	0.039	
22/04/2022 23:00	11:00:00 PM	0.947	0.901	0.038	
23/04/2022 23:00	11:00:00 PM	0.945	1.044	0.043	
24/04/2022 23:00	11:00:00 PM	0.913	0.904	0.038	
25/04/2022 23:00	11:00:00 PM	1.203	0.980	0.041	
26/04/2022 23:00	11:00:00 PM	1.127	1.076	0.045	
27/04/2022 23:00	11:00:00 PM	1.192	1.157	0.048	
28/04/2022 23:00	11:00:00 PM	1.235	1.232	0.051	
29/04/2022 23:00	11:00:00 PM	1.058	1.147	0.048	
30/04/2022 23:00	11:00:00 PM	1.102	1.093	0.046	

01/05/2022 23:00	11:00:00 PM	1.122	1.064	0.044
02/05/2022 23:00	11:00:00 PM	1.093	1.112	0.046
03/05/2022 23:00	11:00:00 PM	1.100	1.049	0.044
04/05/2022 23:00	11:00:00 PM	1.115	1.095	0.046
05/05/2022 23:00	11:00:00 PM	1.077	1.083	0.045
06/05/2022 23:00	11:00:00 PM	1.521	1.144	0.048
07/05/2022 23:00	11:00:00 PM	1.033	1.099	0.046
08/05/2022 23:00	11:00:00 PM	0.482	1.022	0.043
09/05/2022 23:00	11:00:00 PM	1.748	1.759	0.073
10/05/2022 23:00	11:00:00 PM	1.558	1.667	0.069
11/05/2022 23:00	11:00:00 PM	1.858	1.744	0.073
12/05/2022 23:00	11:00:00 PM	1.695	1.752	0.073
13/05/2022 23:00	11:00:00 PM	0.700	1.337	0.056
14/05/2022 23:00	11:00:00 PM	1.080	0.938	0.039
15/05/2022 23:00	11:00:00 PM	0.997	0.956	0.040
16/05/2022 23:00	11:00:00 PM	0.775	0.786	0.033
17/05/2022 23:00	11:00:00 PM	0.800	0.879	0.037
18/05/2022 23:00	11:00:00 PM	0.802	0.827	0.034
19/05/2022 23:00	11:00:00 PM	0.912	0.959	0.040
20/05/2022 23:00	11:00:00 PM	0.818	0.920	0.038
21/05/2022 23:00	11:00:00 PM	0.928	0.883	0.037
22/05/2022 23:00	11:00:00 PM	0.880	0.922	0.038
23/05/2022 23:00	11:00:00 PM	0.900	0.913	0.038
24/05/2022 23:00	11:00:00 PM	0.698	0.896	0.037
25/05/2022 23:00	11:00:00 PM	0.728	0.809	0.034
26/05/2022 23:00	11:00:00 PM	0.595	0.798	0.033
27/05/2022 23:00	11:00:00 PM	1.035	1.070	0.045
28/05/2022 23:00	11:00:00 PM	0.990	1.085	0.045
29/05/2022 23:00	11:00:00 PM	0.903	0.966	0.040
30/05/2022 23:00	11:00:00 PM	0.727	0.905	0.038
31/05/2022 23:00	11:00:00 PM	0.653	0.851	0.035
01/06/2022 23:00	11:00:00 PM	1.042	0.832	0.035
02/06/2022 23:00	11:00:00 PM	0.787	0.944	0.039
03/06/2022 23:00	11:00:00 PM	0.770	0.792	0.033
04/06/2022 23:00	11:00:00 PM	0.800	0.937	0.039
05/06/2022 23:00	11:00:00 PM	0.905	0.910	0.038
06/06/2022 23:00	11:00:00 PM	1.002	1.054	0.044
07/06/2022 23:00	11:00:00 PM	0.948	1.030	0.043
08/06/2022 23:00	11:00:00 PM	1.002	1.080	0.045
09/06/2022 23:00	11:00:00 PM	1.108	1.029	0.043
10/06/2022 23:00	11:00:00 PM	1.075	1.077	0.045
11/06/2022 23:00	11:00:00 PM	1.263	1.098	0.046
12/06/2022 23:00	11:00:00 PM	0.505	1.254	0.052
13/06/2022 23:00	11:00:00 PM	0.902	1.047	0.044
14/06/2022 23:00	11:00:00 PM	0.937	0.892	0.037
15/06/2022 23:00	11:00:00 PM	1.000	0.992	0.041
16/06/2022 23:00	11:00:00 PM	1.105	1.008	0.042
17/06/2022 23:00	11:00:00 PM	0.832	1.018	0.042
18/06/2022 23:00	11:00:00 PM	0.760	0.904	0.038
19/06/2022 23:00	11:00:00 PM	0.918	1.000	0.042
20/06/2022 23:00	11:00:00 PM	1.875	1.997	0.083
21/06/2022 23:00	11:00:00 PM	0.942	1.286	0.054
22/06/2022 23:00	11:00:00 PM	0.942	0.984	0.041
23/06/2022 23:00	11:00:00 PM	0.945	1.085	0.045
24/06/2022 23:00	11:00:00 PM	0.893	1.042	0.043
25/06/2022 23:00	11:00:00 PM	1.178	0.987	0.041
26/06/2022 23:00	11:00:00 PM	1.010	1.159	0.048
27/06/2022 23:00	11:00:00 PM	0.983	0.884	0.037
28/06/2022 23:00	11:00:00 PM	0.995	0.982	0.041
29/06/2022 23:00	11:00:00 PM	1.020	0.961	0.040
30/06/2022 23:00	11:00:00 PM	0.982	1.012	0.042