

## Ground Flare Report - 1Q 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 Q1 2022:

A-7005/A – 100%

A-7005/B – 100%

Both flares were available and online throughout the quarter, planned maintenance work planned for later this year.

<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>
01/01/2022 23:00	11:00:00 PM	0.737	0.895	0.037	
02/01/2022 23:00	11:00:00 PM	0.701	0.719	0.030	
03/01/2022 23:00	11:00:00 PM	0.935	0.665	0.028	
04/01/2022 23:00	11:00:00 PM	1.000	0.956	0.040	
05/01/2022 23:00	11:00:00 PM	1.025	1.035	0.043	
06/01/2022 23:00	11:00:00 PM	1.108	1.054	0.044	
07/01/2022 23:00	11:00:00 PM	1.007	1.019	0.042	
08/01/2022 23:00	11:00:00 PM	0.813	1.032	0.043	
09/01/2022 23:00	11:00:00 PM	0.683	1.104	0.046	
10/01/2022 23:00	11:00:00 PM	0.907	0.831	0.035	
11/01/2022 23:00	11:00:00 PM	0.900	0.929	0.039	
12/01/2022 23:00	11:00:00 PM	1.063	1.035	0.043	
13/01/2022 23:00	11:00:00 PM	1.125	1.144	0.048	
14/01/2022 23:00	11:00:00 PM	0.969	1.062	0.044	
15/01/2022 23:00	11:00:00 PM	0.722	0.853	0.036	
16/01/2022 23:00	11:00:00 PM	0.840	0.772	0.032	
17/01/2022 23:00	11:00:00 PM	0.700	0.806	0.034	
18/01/2022 23:00	11:00:00 PM	0.692	0.629	0.026	
19/01/2022 23:00	11:00:00 PM	0.955	1.085	0.045	
20/01/2022 23:00	11:00:00 PM	0.602	0.674	0.028	
21/01/2022 23:00	11:00:00 PM	0.748	0.709	0.030	
22/01/2022 23:00	11:00:00 PM	0.838	0.826	0.034	
23/01/2022 23:00	11:00:00 PM	1.785	0.913	0.038	
24/01/2022 23:00	11:00:00 PM	0.825	1.183	0.049	
25/01/2022 23:00	11:00:00 PM	0.940	0.883	0.037	
26/01/2022 23:00	11:00:00 PM	0.818	0.889	0.037	
27/01/2022 23:00	11:00:00 PM	0.758	0.824	0.034	
28/01/2022 23:00	11:00:00 PM	0.997	0.845	0.035	
29/01/2022 23:00	11:00:00 PM	0.648	0.873	0.036	
30/01/2022 23:00	11:00:00 PM	0.780	0.677	0.028	
31/01/2022 23:00	11:00:00 PM	0.780	0.798	0.033	

01/02/2022 23:00	11:00:00 PM	0.8933	<b>0.855</b>	<b>0.036</b>
02/02/2022 23:00	11:00:00 PM	0.9433	<b>0.865</b>	<b>0.036</b>
03/02/2022 23:00	11:00:00 PM	0.6983	<b>0.884</b>	<b>0.037</b>
04/02/2022 23:00	11:00:00 PM	0.5833	<b>0.627</b>	<b>0.026</b>
05/02/2022 23:00	11:00:00 PM	0.7050	<b>0.658</b>	<b>0.027</b>
06/02/2022 23:00	11:00:00 PM	0.5900	<b>0.599</b>	<b>0.025</b>
07/02/2022 23:00	11:00:00 PM	0.7317	<b>0.623</b>	<b>0.026</b>
08/02/2022 23:00	11:00:00 PM	0.8000	<b>0.826</b>	<b>0.034</b>
09/02/2022 23:00	11:00:00 PM	0.5748	<b>0.623</b>	<b>0.026</b>
10/02/2022 23:00	11:00:00 PM	0.6450	<b>0.630</b>	<b>0.026</b>
11/02/2022 23:00	11:00:00 PM	0.7526	<b>0.728</b>	<b>0.030</b>
12/02/2022 23:00	11:00:00 PM	0.8967	<b>0.905</b>	<b>0.038</b>
13/02/2022 23:00	11:00:00 PM	0.7783	<b>0.802</b>	<b>0.033</b>
14/02/2022 23:00	11:00:00 PM	0.7967	<b>0.805</b>	<b>0.034</b>
15/02/2022 23:00	11:00:00 PM	0.9000	<b>0.882</b>	<b>0.037</b>
16/02/2022 23:00	11:00:00 PM	0.8367	<b>0.803</b>	<b>0.033</b>
17/02/2022 23:00	11:00:00 PM	1.1817	<b>1.009</b>	<b>0.042</b>
18/02/2022 23:00	11:00:00 PM	0.7566	<b>0.716</b>	<b>0.030</b>
19/02/2022 23:00	11:00:00 PM	0.8017	<b>0.898</b>	<b>0.037</b>
20/02/2022 23:00	11:00:00 PM	0.6950	<b>0.892</b>	<b>0.037</b>
21/02/2022 23:00	11:00:00 PM	0.9167	<b>1.013</b>	<b>0.042</b>
22/02/2022 23:00	11:00:00 PM	0.8000	<b>0.908</b>	<b>0.038</b>
23/02/2022 23:00	11:00:00 PM	0.9967	<b>0.846</b>	<b>0.035</b>
24/02/2022 23:00	11:00:00 PM	0.6633	<b>1.246</b>	<b>0.052</b>
25/02/2022 23:00	11:00:00 PM	0.7017	<b>1.088</b>	<b>0.045</b>
26/02/2022 23:00	11:00:00 PM	0.7259	<b>0.714</b>	<b>0.030</b>
27/02/2022 23:00	11:00:00 PM	1.2750	<b>1.119</b>	<b>0.047</b>
28/02/2022 23:00	11:00:00 PM	0.7643	<b>1.116</b>	<b>0.047</b>
01/03/2022 23:00	11:00:00 PM	0.6762	<b>0.859</b>	<b>0.036</b>
02/03/2022 23:00	11:00:00 PM	0.7624	<b>0.731</b>	<b>0.030</b>
03/03/2022 23:00	11:00:00 PM	0.9067	<b>0.782</b>	<b>0.033</b>
04/03/2022 23:00	11:00:00 PM	0.5919	<b>0.783</b>	<b>0.033</b>
05/03/2022 23:00	11:00:00 PM	0.7650	<b>0.740</b>	<b>0.031</b>
06/03/2022 23:00	11:00:00 PM	0.7633	<b>0.913</b>	<b>0.038</b>
07/03/2022 23:00	11:00:00 PM	1.2300	<b>0.442</b>	<b>0.018</b>
08/03/2022 23:00	11:00:00 PM	1.6450	<b>0.907</b>	<b>0.038</b>
09/03/2022 23:00	11:00:00 PM	2.1933	<b>1.571</b>	<b>0.065</b>
10/03/2022 23:00	11:00:00 PM	1.0317	<b>1.285</b>	<b>0.054</b>
11/03/2022 23:00	11:00:00 PM	0.8450	<b>1.187</b>	<b>0.049</b>
12/03/2022 23:00	11:00:00 PM	0.9800	<b>0.926</b>	<b>0.039</b>
13/03/2022 23:00	11:00:00 PM	0.9417	<b>1.030</b>	<b>0.043</b>
14/03/2022 23:00	11:00:00 PM	0.9783	<b>0.967</b>	<b>0.040</b>
15/03/2022 23:00	11:00:00 PM	0.9917	<b>0.970</b>	<b>0.040</b>
16/03/2022 23:00	11:00:00 PM	0.9833	<b>1.016</b>	<b>0.042</b>
17/03/2022 23:00	11:00:00 PM	0.9667	<b>0.983</b>	<b>0.041</b>
18/03/2022 23:00	11:00:00 PM	1.0183	<b>0.979</b>	<b>0.041</b>
19/03/2022 23:00	11:00:00 PM	1.0050	<b>0.991</b>	<b>0.041</b>
20/03/2022 23:00	11:00:00 PM	0.9783	<b>1.011</b>	<b>0.042</b>
21/03/2022 23:00	11:00:00 PM	1.0400	<b>0.980</b>	<b>0.041</b>
22/03/2022 23:00	11:00:00 PM	1.2000	<b>0.983</b>	<b>0.041</b>
23/03/2022 23:00	11:00:00 PM	0.9000	<b>0.985</b>	<b>0.041</b>
24/03/2022 23:00	11:00:00 PM	0.9050	<b>0.988</b>	<b>0.041</b>
25/03/2022 23:00	11:00:00 PM	1.0617	<b>1.019</b>	<b>0.042</b>
26/03/2022 23:00	11:00:00 PM	1.2833	<b>1.050</b>	<b>0.044</b>
27/03/2022 23:00	11:00:00 PM	1.0767	<b>1.135</b>	<b>0.047</b>
28/03/2022 23:00	11:00:00 PM	1.0686	<b>1.064</b>	<b>0.044</b>
29/03/2022 23:00	11:00:00 PM	0.9067	<b>1.023</b>	<b>0.043</b>
30/03/2022 23:00	11:00:00 PM	1.0663	<b>0.950</b>	<b>0.040</b>
31/03/2022 23:00	11:00:00 PM	1.6967	<b>1.695</b>	<b>0.071</b>