Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

Pollution Monitoring - Water Sampling

Sample Period - December 2020 - November 2021

Sample Location	Date Sampled	Sample Parameters, Units Of Measure & Licence Limit Conditions					Analysis	Sample Reason	Date Data Obtained	Date Data Published
		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	4/12/2020	-	**7.1**	**212.2**	-	-	On site	Weekly irrigation	4/12/2020	**10/01/2021**
EPA Identification No. 7 Discharge to Land	7/12/2020	-	**7.1**	**209.8**	-	-	On site	Weekly irrigation	7/12/2020	**10/01/2021**
EPA Identification No. 7 Discharge to Land	16/12/2020	**23.8**	**7.9**	**216**	**21.3**	**10**	CSU	Monthly irrigation	16/12/2020	**10/01/2021**
EPA Identification No. 7 Discharge to Land	14/12/2020	-	**8.5**	**200**	-	-	On site	Weekly irrigation	14/12/2020	**10/01/2021**
EPA Identification No. 7 Discharge to Land	16/12/2020	-	**7.9**	**216**	-	-	On site	Weekly irrigation	16/12/2020	**10/01/2021**
EPA Identification No. 7 Discharge to Land	28/12/2020	-	**7.6**	**314**	-	-	On site	Weekly irrigation	28/12/2020	**10/01/2021**
EPA Identification No. 7 Discharge to Land	21/01/2021	**27.1**	**8.8**	**417**	**25.1**	**10**	CSU	Monthly irrigation	21/01/2021	**10/01/2021**

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		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	22/01/2021	-	**8.8**	**417**	-	-	On site	Weekly irrigation	22/01/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	27/01/2021	-	**8**	**520**	-	-	On site	Weekly irrigation	27/01/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	8/02/2021	-	**8.3**	**405**	-	-	On site	Weekly irrigation	8/02/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	9/02/2021	-	**9.6**	**390**	-	-	On site	Weekly irrigation	9/02/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	9/02/2021	**72.1**	**9.7**	**393**	**50.3**	**11**	CSU	Monthly irrigation	9/02/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	1/03/2021	-	**7.9**	**426**	-	-	On site	Weekly irrigation	1/03/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	10/03/2021	-	**8.2**	**430**	-	-	On site	Weekly irrigation	10/03/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

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		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	16/03/2021	**76.5**	**6.8**	**440**	**63.5**	**25**	CSU	Monthly irrigation	16/03/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	18/03/2021	-	**9**	**430**	-	-	On site	Weekly irrigation	18/03/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	26/03/2021	-	**7.5**	**333**	-	-	On site	Weekly irrigation	26/03/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	1/04/2021	-	**7.6**	**415**	-	-	On site	Weekly irrigation	1/04/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	7/04/2021	-	**8.1**	**345**	-	-	On site	Weekly irrigation	7/04/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	12/04/2021	-	**7.4**	**342**	-	-	On site	Weekly irrigation	12/04/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	13/04/2021	**59**	**8.3**	**343**	**50.6**	**21**	CSU	Monthly irrigation	13/04/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

Pollution Monitoring - Water Sampling

Sample Period - December 2020 - November 2021

Sample Location	Date Sampled	Sample Parameters, Units Of Measure & Licence Limit Conditions					Analysis	Sample Reason	Date Data Obtained	Date Data Published
		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	19/04/2021	-	**7.8**	**346**	-	-	On site	Weekly irrigation	19/04/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	3/05/2021	-	**8.6**	**346**	-	-	On site	Weekly irrigation	3/05/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	11/05/2021	-	**7.2**	**342**	-	-	On site	Weekly irrigation	11/05/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	13/05/2021	**61.8**	**8.4**	**352**	**43.3**	**10**	CSU	Monthly irrigation	13/05/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	18/05/2021	-	**7.1**	**389**	-	-	On site	Weekly irrigation	18/05/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	27/05/2021	-	**7.3**	**322**	-	-	On site	Weekly irrigation	27/05/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	1/06/2021	-	**7.1**	**321**	-	-	On site	Weekly irrigation	1/06/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

Pollution Monitoring - Water Sampling

Sample Period - December 2020 - November 2021

Sample Location	Date Sampled	Sample Parameters, Units Of Measure & Licence Limit Conditions					Analysis	Sample Reason	Date Data Obtained	Date Data Published
		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	10/06/2021	-	**6.9**	**317.1**	-	-	On site	Weekly irrigation	10/06/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	16/06/2021	**55.2**	**7.2**	**337**	**46.7**	**13**	CSU	Monthly irrigation	1/07/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	23/06/2021	-	**7.1**	**321**	-	-	On site	Weekly irrigation	23/06/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	21/07/2021	-	**7.14**	**279**	-	-	On site	Weekly irrigation	21/07/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	27/07/2021	-	**7.1**	**259**	-	-	On site	Weekly irrigation	27/07/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	2/08/2021	-	**7.1**	**245**	-	-	On site	Weekly irrigation	2/08/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

Pollution Monitoring - Water Sampling

Sample Period - December 2020 - November 2021

Sample Location	Date Sampled	Sample Parameters, Units Of Measure & Licence Limit Conditions					Analysis	Sample Reason	Date Data Obtained	Date Data Published
		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	13/08/2021	-	**8.2**	**296**	-	-	On site	Weekly irrigation	13/08/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	16/08/2021	-	**7.9**	**293**	-	-	On site	Weekly irrigation	16/08/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

Pollution Monitoring - Water Sampling

Sample Period - December 2020 - November 2021

Sample Location	Date Sampled	Sample Parameters, Units Of Measure & Licence Limit Conditions					Analysis	Sample Reason	Date Data Obtained	Date Data Published
		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	23/08/2021	-	**8.5**	**323**	-	-	On site	Weekly irrigation	23/08/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	8/09/2021	-	**8.1**	**302**	-	-	On site	Irrigating	8/09/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	13/09/2021	**77**	**9.8**	**309**	**38.5**	**7**	LAB	Not irrigating	13/09/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	16/09/2021	-	**8.1**	**305**	-	-	On site	Not irrigating	16/09/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	27/09/2021	-	**7.6**	**306**	-	-	On site	Irrigating	27/09/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	11/10/2021	-	**8.6**	**313**	-	-	On site	Not irrigating	11/10/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

Pollution Monitoring - Water Sampling

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		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	26/10/2021	-	**8.8**	**314**	-	-	On site	Not irrigating	26/10/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	16/11/2021	**44.2**	**7.1**	**268**	**38.6**	**15**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	17/11/2021	**41.3**	**7.3**	**263**	**38.5**	**24**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	18/11/2021	**44.9**	**7.3**	**269**	**38.5**	**4**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	19/11/2021	**40.2**	**7.3**	**268**	**39.2**	**16**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	22/11/2021	**40**	**7.4**	**259**	**38.4**	**19**	LAB	Overflow	10/12/2021	**10/01/2021**

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Environment Protection Licence Number - 12490

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		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	23/11/2021	**41.4**	**9.2**	**255**	**38.3**	**11**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	23/11/2021	-	**8.7**	**265**	-	-	On site	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	24/11/2021	**33.1**	**7**	**245**	**34.9**	**<2**	LAB	Overflow	10/12/2021	**10/01/2021**

Environment Protection Licence Licensee - Origin Energy Uranquinty Power PTY LTD

Environment Protection Licence Number - 12490

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		Chloride (mg/l) Licence Limit - N/A	pH (pH) Licence Limit - N/A	Conductivity (us/cm) Licence Limit - 100 percentile - 800	Sodium (mg/l) Licence Limit - N/A	Total Suspended Solids (mg/l) Licence Limit - N/A				
EPA Identification No. 7 Discharge to Land	25/11/2021	**31.6**	**6.9**	**214**	**30.3**	**11**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	26/11/2021	**23.9**	**7.2**	**180**	**25.5**	**<2**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	27/11/2021	**21.6**	**7.3**	**165**	**23.3**	**<2**	LAB	Overflow	10/12/2021	**10/01/2021**
EPA Identification No. 7 Discharge to Land	29/11/2021	**22.8**	**8.5**	**169**	**23.2**	**<2**	LAB	Overflow	10/12/2021	**10/01/2021**