

LICENSE DETAILS	LICENSEE:	LORIS H HASSALL TRADING PTY LTD
	PREMISES:	NEWELL HIGHWAY 812 PARKES ROAD
	LICENSE NUMBER:	12765
	REPORTING PERIOD:	11 NOVEMBER 2021 - 1 July 2022

TREATED BRINE EFFLUENT

*Not Tested (NT) *No Sample (NS) *Not Applicable (NA)

EPA LOCATION ID	TYPE OF MONITORING POINT	SAMPLING LOCATION DESCRIPTION	EPA SAMPLING FREQUENCY	LHH SAMPLE FREQUENCY	NUMBER OF SAMPLES	SAMPLE TYPE	SCHEDULED MONTH FOR COLLECTION	DATE COLLECTED	TIME COLLECTED	COLLECTED BY	SAMPLE WEIGHT/VOLUME TESTED	DATE OBTAINED FROM NATA LAB	NATA LAB REPORT REF NO.	PUBLISHED DATE
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	December	06-Dec-21	0930	Jason Britt	2litres	30-Dec-21	B1106944-A	03-Jan-22
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	2litres	24-Jan-21	B1113809-A	25-Jan-22
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	February	08-Feb-22	0830	Jason Britt	2litres	17-Feb-22	B1121792-A	28-Feb-22
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	March	08-Mar-22	0820	Jason Britt	2litres	18-Mar-22	B1130823-A	22-Mar-22
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	April	06-Apr-22	0830	Jason Britt	2litres	19-Apr-22	B1141625-A	22-Apr-22
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	May	03-May-22	745	Jason Britt	2litres	13-May-22	B1150455-A	16-May-22
1	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	Monthly	Monthly	1	Grab Sample	June	01-Jun-22	0830	Jason Britt	2litres	10-Jun-22	B1160468-A	14-Jun-22

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EVAPORATION PANS											*Not Tested (NT)		*No Sample (NS)	*Not Applicable (NA)	
EPA LOCATION ID	TYPE OF MONITORING POINT	SAMPLING LOCATION DESCRIPTION	EPA SAMPLING FREQUENCY	LHH SAMPLE FREQUENCY	NUMBER OF SAMPLES	SAMPLE TYPE	SCHEDULED MONTH FOR COLLECTION	DATE COLLECTED	TIME COLLECTED	COLLECTED BY	SAMPLE WEIGHT/VOLUME TESTED	DATE OBTAINED FROM NATA LAB	NATA LAB REPORT REF NO.	PUBLISHED DATE	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Monthly	1	Grab Sample	December	NS	NS	NS	NS	NS	NS	NS	
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Monthly	1	Grab Sample	December	06-Dec-21	0900	Jason Britt	1 Litre	24-Dec-21	B1106944-B	03-Jan-21	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Monthly	1	Grab Sample	December	06-Dec-21	0900	Jason Britt	1 Litre	24-Dec-21	B1106944-B	03-Jan-21	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Monthly	1	Grab Sample	December	06-Dec-21	0900	Jason Britt	NS	24-Dec-21	B1106944-B	03-Jan-21	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Monthly	1	Grab Sample	December	06-Dec-21	0900	Jason Britt	1 Litre	24-Dec-21	B1106944-B	03-Jan-21	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Monthly	1	Grab Sample	December	06-Dec-21	0900	Jason Britt	1 Litre	24-Dec-21	B1106944-B	03-Jan-21	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	1 Litre	24-Jan-21	B1113809-B	25-Jan-21	
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	1 Litre	24-Jan-21	B1113809-B	25-Jan-21	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	1 Litre	24-Jan-21	B1113809-B	25-Jan-21	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	1 Litre	24-Jan-21	B1113809-B	25-Jan-21	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	1 Litre	24-Jan-21	B1113809-B	25-Jan-21	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Monthly	1	Grab Sample	January	10-Jan-22	0900	Jason Britt	1 Litre	24-Jan-21	B1113809-B	25-Jan-21	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Quarterly	1	Grab Sample	February	NS							
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Quarterly	1	Grab Sample	February	08/02/022	0800	Jason Britt	3 Litres	22-Feb-22	B1121792-B	28-Feb-22	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Quarterly	1	Grab Sample	February	08/02/022	0800	Jason Britt	3 Litres	22-Feb-22	B1121792-B	28-Feb-22	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Quarterly	1	Grab Sample	February	08/02/022	0800	Jason Britt	3 Litres	22-Feb-22	B1121792-B	28-Feb-22	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Quarterly	1	Grab Sample	February	08/02/022	0800	Jason Britt	3 Litres	22-Feb-22	B1121792-B	28-Feb-22	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Quarterly	1	Grab Sample	February	08/02/022	0800	Jason Britt	3 Litres	22-Feb-22	B1121792-B	28-Feb-22	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Monthly	1	Grab Sample	March	NS			1 Litre				
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Monthly	1	Grab Sample	March	08-Mar-22	0830	Jason Britt	1 Litre	18-Mar-22	B1130823-B	22-Mar-22	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Monthly	1	Grab Sample	March	08-Mar-22	0830	Jason Britt	1 Litre	18-Mar-22	B1130823-B	22-Mar-22	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Monthly	1	Grab Sample	March	08-Mar-22	0830	Jason Britt	1 Litre	18-Mar-22	B1130823-B	22-Mar-22	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Monthly	1	Grab Sample	March	08-Mar-22	0830	Jason Britt	1 Litre	18-Mar-22	B1130823-B	22-Mar-22	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Monthly	1	Grab Sample	March	08-Mar-22	0830	Jason Britt	1 Litre	18-Mar-22	B1130823-B	22-Mar-22	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Monthly	1	Grab Sample	April	NS			1 Litre				
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Monthly	1	Grab Sample	April	06-Apr-22	0800	Jason Britt	1 Litre	19-Apr-22	B1141625-B	22-Apr-22	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Monthly	1	Grab Sample	April	06-Apr-22	0800	Jason Britt	1 Litre	19-Apr-22	B1141625-B	22-Apr-22	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Monthly	1	Grab Sample	April	06-Apr-22	0800	Jason Britt	1 Litre	19-Apr-22	B1141625-B	22-Apr-22	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Monthly	1	Grab Sample	April	06-Apr-22	0800	Jason Britt	1 Litre	19-Apr-22	B1141625-B	22-Apr-22	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Monthly	1	Grab Sample	April	06-Apr-22	0800	Jason Britt	1 Litre	19-Apr-22	B1141625-B	22-Apr-22	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Quarterly	1	Grab Sample	May	NS			3 Litres				
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Quarterly	1	Grab Sample	May	03-May-22	0800	Jason Britt	3 Litres	13-May-22	B1150455-B	16-May-22	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Quarterly	1	Grab Sample	May	03-May-22	0800	Jason Britt	3 Litres	13-May-22	B1150455-B	16-May-22	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Quarterly	1	Grab Sample	May	03-May-22	0800	Jason Britt	3 Litres	13-May-22	B1150455-B	16-May-22	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Quarterly	1	Grab Sample	May	03-May-22	0800	Jason Britt	3 Litres	13-May-22	B1150455-B	16-May-22	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Quarterly	1	Grab Sample	May	03-May-22	0800	Jason Britt	3 Litres	13-May-22	B1150455-B	16-May-22	
2	Treated Brine effluent quality monitoring	From N. Pan 1 Insitu	Quarterly	Monthly	1	Grab Sample	June	01-Jun-22	0825	Jason Britt	1 Litre	10-Jun-22	B1160468-B	14-Jun-22	
3	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Monthly	1	Grab Sample	June	01-Jun-22	0825	Jason Britt	1 Litre	10-Jun-22	B1160468-B	14-Jun-22	
4	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Monthly	1	Grab Sample	June	01-Jun-22	0825	Jason Britt	1 Litre	10-Jun-22	B1160468-B	14-Jun-22	
5	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Monthly	1	Grab Sample	June	01-Jun-22	0825	Jason Britt	1 Litre	10-Jun-22	B1160468-B	14-Jun-22	
6	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Monthly	1	Grab Sample	June	01-Jun-22	0825	Jason Britt	1 Litre	10-Jun-22	B1160468-B	14-Jun-22	
7	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Monthly	1	Grab Sample	June	01-Jun-22	0825	Jason Britt	1 Litre	10-Jun-22	B1160468-B	14-Jun-22	

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PIEZOMETERS											*Not Tested (NT)	*No Sample (NS)	*Not Applicable (NA)	
EPA LOCATION ID	TYPE OF MONITORING POINT	SAMPLING LOCATION DESCRIPTION	EPA SAMPLING FREQUENCY	LHH SAMPLE FREQUENCY	NUMBER OF SAMPLES	SAMPLE TYPE	SCHEDULED MONTH FOR COLLECTION	DATE COLLECTED	TIME COLLECTED	COLLECTED BY	SAMPLE WEIGHT/VOLUME TESTED	DATE OBTAINED FROM NATA LAB	NATA LAB REPORT REF NO.	PUBLISHED DATE
8	Groundwater quality monitoring	Piezometer MW1	Annually	Annually	1	Grab Sample	August							
9	Groundwater quality monitoring	Piezometer MW5	Annually	Annually	1	Grab Sample	August							
10	Groundwater quality monitoring	Piezometer MW7	Annually	Annually	1	Grab Sample	August							
11	Groundwater quality monitoring	Piezometer MW8	Annually	Annually	1	Grab Sample	August							
12	Groundwater quality monitoring	Piezometer MW9	Annually	Annually	1	Grab Sample	August							

Shallow Monitoring Wells											*Not Tested (NT)	*No Sample (NS)	*Not Applicable (NA)	
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17	Groundwater quality monitoring	Piezometer MW10	Quarterly	Quarterly	1	SLW	February	08-Feb-22	1000	Britt	4.20	0.00	No	28-Feb-22
18	Groundwater quality monitoring	Piezometer MW11	Quarterly	Quarterly	1	SLW	February	08-Feb-22	DAMAGED	Britt	0.00	0.00	No	28-Feb-22
19	Groundwater quality monitoring	Piezometer MW12	Quarterly	Quarterly	1	SLW	February	08-Feb-22	1010	Britt	3.90	0.00	No	28-Feb-22
20	Groundwater quality monitoring	Piezometer MW13	Quarterly	Quarterly	1	SLW	February	08-Feb-22	1020	Britt	3.98	0.00	No	28-Feb-22
21	Groundwater quality monitoring	Piezometer MW14	Quarterly	Quarterly	1	SLW	February	08-Feb-22	REMOVED	Britt	0.00	0.00	No	28-Feb-22
22	Groundwater quality monitoring	Piezometer MW15	Quarterly	Quarterly	1	SLW	February	08-Feb-22	1030	Britt	3.80	0.00	No	28-Feb-22
23	Groundwater quality monitoring	Piezometer MW06	Quarterly	Quarterly	1	SLW	February	08-Feb-22	1040	Britt	3.96	0.00	No	28-Feb-22
17	Groundwater quality monitoring	Piezometer MW10	Quarterly	Quarterly	1	SLW	May	09-May-22	1210	Trembath	4.20	0.00	No	16-May-22
18	Groundwater quality monitoring	Piezometer MW11	Quarterly	Quarterly	1	SLW	May	09-May-22	DAMAGED	Trembath	0.00	0.00	No	16-May-22
19	Groundwater quality monitoring	Piezometer MW12	Quarterly	Quarterly	1	SLW	May	09-May-22	1220	Trembath	3.90	0.00	No	16-May-22
20	Groundwater quality monitoring	Piezometer MW13	Quarterly	Quarterly	1	SLW	May	09-May-22	1230	Trembath	3.98	0.00	No	16-May-22
21	Groundwater quality monitoring	Piezometer MW14	Quarterly	Quarterly	1	SLW	May	09-May-22	REMOVED	Trembath	0.00	0.00	No	16-May-22
22	Groundwater quality monitoring	Piezometer MW15	Quarterly	Quarterly	1	SLW	May	09-May-22	1240	Trembath	3.80	0.00	No	16-May-22
23	Groundwater quality monitoring	Piezometer MW06	Quarterly	Quarterly	1	SLW	May	09-May-22	1250	Trembath	3.96	0.00	No	16-May-22

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CROP SAMPLES

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	Crop quality monitoring of irrigation area	Irrigation Bay 1	Annually	Annually	1	Composite Sample	March							
	Crop quality monitoring of irrigation area	Irrigation Bay 2	Annually	Annually	1	Composite Sample	March							
	Crop quality monitoring of irrigation area	Irrigation Bay 3	Annually	Annually	1	Composite Sample	March							
	Crop quality monitoring of irrigation area	Irrigation Bay 4	Annually	Annually	1	Composite Sample	March							
	Crop quality monitoring of irrigation area	Irrigation Bay 5	Annually	Annually	1	Composite Sample	March							
	Crop quality monitoring of irrigation area	Irrigation Bay 6	Annually	Annually	1	Composite Sample	March							
	Crop quality monitoring of irrigation area	Irrigation Bay 7	Annually	Annually	1	Composite Sample	March							

CROP SAMPLES

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	Crop quality monitoring of irrigation area	Irrigation Bay 1	Annually	Annually	1	Composite Sample	November							
	Crop quality monitoring of irrigation area	Irrigation Bay 2	Annually	Annually	1	Composite Sample	November							
	Crop quality monitoring of irrigation area	Irrigation Bay 3	Annually	Annually	1	Composite Sample	November							
	Crop quality monitoring of irrigation area	Irrigation Bay 4	Annually	Annually	1	Composite Sample	November							
	Crop quality monitoring of irrigation area	Irrigation Bay 5	Annually	Annually	1	Composite Sample	November							
	Crop quality monitoring of irrigation area	Irrigation Bay 6	Annually	Annually	1	Composite Sample	November							
	Crop quality monitoring of irrigation area	Irrigation Bay 7	Annually	Annually	1	Composite Sample	November							