

LICENSEE DETAILS	LICENSEE:	LORIS H HASSALL TRADING PTY LTD
	PREMISES:	NEWELL HIGHWAY 812 PARKES ROAD
	LICENSE NUMBER:	12765
	REPORTING PERIOD:	11 NOVEMBER 2019 - 12 NOVEMBER 2020

IRRIGATION EFFLUENT

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	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	December	02-Dec-19	0700-0830	M. Churchill	2 Lts	13-Dec-19	55263 #1	18-Dec-19
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	January	15-Jan-20	0700-0800	M. Churchill	2 Lts	03-Feb-20	55562 #1	14-Feb-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	February	19-Feb-20	0800-0900	M. Churchill	2 Lts	12-Mar-20	55992 #1	23-Mar-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	March	18-Mar-20	0845-0945	M. Churchill	2 Lts	02-Apr-20	56242 #2	09-Apr-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	April	17-Apr-20	0745-0830	M. Churchill	2 Lts	07-May-20	56478 #2	20-May-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	May	13-May-20	0830-0930	M. Churchill	1935ml	03-Jun-20	56714 #1	10-Jun-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	June	26-Jun-20	0800-0830	N. Haley	1935ml	08-Jul-20	5125 #1	13-Jul-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	July	16-Jul-20	0930-1000	N. Haley	1935ML	31-Jul-20	5127 #1	05-Aug-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	August	NS	NS	N/A	NS	N/A	N/A	04-Nov-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	September	NS	NS	N/A	NS	N/A	N/A	04-Nov-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	October	NS	NS	N/A	NS	N/A	N/A	04-Nov-20
1	Irrigation wastewater quality and volume monitoring	Sampling tap on pipe after pump	Quarterly	Monthly	1	Grab Sample	November	NS	NS	N/A	NS	N/A	N/A	04-Nov-20

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

IRRIGATION SLURRY SLUDGE

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
NA	Slurry quality monitoring	Sample collected from Irrigation Effluent pit	NA	Quarterly	1	Grab Sample	February	19-Feb-20	1030	M. Churchill	4.5 LTS	12-Mar-20	55992 #2	23-Mar-20
NA	Slurry quality monitoring	Sample collected from Irrigation Effluent pit	NA	Quarterly	1	Grab Sample	May	13-May-20	1000	M. Churchill	2305ml	03-Jun-20	56714 #2	10-Jun-20
NA	Slurry quality monitoring	Sample collected from Irrigation Effluent pit	NA	Quarterly	1	Grab Sample	August	NS	NS	N/A	N/A	N/A	N/A	04-Nov-20
NA	Slurry quality monitoring	Sample collected from Irrigation Effluent pit	NA	Quarterly	1	Grab Sample	November	NS	NS	N/A	NS	N/A	N/A	04-Nov-20

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

SOIL SAMPLES

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
4	Soil quality monitoring of irrigation area	Irrigation Bay 1	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20
4	Soil quality monitoring of irrigation area	Irrigation Bay 2	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20
4	Soil quality monitoring of irrigation area	Irrigation Bay 3	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20
4	Soil quality monitoring of irrigation area	Irrigation Bay 4	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20
4	Soil quality monitoring of irrigation area	Irrigation Bay 5	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20
4	Soil quality monitoring of irrigation area	Irrigation Bay 6	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20
4	Soil quality monitoring of irrigation area	Irrigation Bay 7	Annually	Annually	4	Composite Sample	October	13-Oct-20	0800	Jamie	4kg	29-Oct-20	22-Jan-14	04-Nov-20

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

LICENSEE DETAILS	LICENSEE:	LORIS H HASSALL TRADING PTY LTD
	PREMISES:	NEWELL HIGHWAY 812 PARKES ROAD
	LICENSE NUMBER:	12765
	REPORTING PERIOD:	11 NOVEMBER 2019 - 12 NOVEMBER 2020

PIEZOMETERS														
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
3	Groundwater quality monitoring	Piezometer 1	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	1205	M. Churchill	NS	NT	NT	23-Mar-20
3	Groundwater quality monitoring	Piezometer 2	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	1210	M. Churchill	NS	NT	NT	23-Mar-20
3	Groundwater quality monitoring	Piezometer 3	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	1215	M. Churchill	NS	NT	NT	23-Mar-20
3	Groundwater quality monitoring	Piezometer 4	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	1225	M. Churchill	NS	NT	NT	23-Mar-20
3	Groundwater quality monitoring	Piezometer 5	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	1234	M. Churchill	NS	NT	NT	23-Mar-20
3	Groundwater quality monitoring	Piezometer 6	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	1245	M. Churchill	NS	NT	NT	23-Mar-20
3	Groundwater quality monitoring	Piezometer 1	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	0815	M. Churchill	NS	NT	NT	10-Jun-20
3	Groundwater quality monitoring	Piezometer 2	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	0745	M. Churchill	NS	NT	NT	10-Jun-20
3	Groundwater quality monitoring	Piezometer 3	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	0725	M. Churchill	NS	NT	NT	10-Jun-20
3	Groundwater quality monitoring	Piezometer 4	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	0700	M. Churchill	NS	NT	NT	10-Jun-20
3	Groundwater quality monitoring	Piezometer 5	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	0650	M. Churchill	NS	NT	NT	10-Jun-20
3	Groundwater quality monitoring	Piezometer 6	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	0651	M. Churchill	NS	NT	NT	10-Jun-20
3	Groundwater quality monitoring	Piezometer 1	Quarterly	Quarterly	1	Grab Sample	August	26-Aug-20	0800	N. Haley	NS	NT	NT	04-Sep-20
3	Groundwater quality monitoring	Piezometer 2	Quarterly	Quarterly	1	Grab Sample	August	26-Aug-20	0815	N. Haley	NS	NT	NT	04-Sep-20
3	Groundwater quality monitoring	Piezometer 3	Quarterly	Quarterly	1	Grab Sample	August	26-Aug-20	0830	N. Haley	NS	NT	NT	04-Sep-20
3	Groundwater quality monitoring	Piezometer 4	Quarterly	Quarterly	1	Grab Sample	August	26-Aug-20	0845	N. Haley	NS	NT	NT	04-Sep-20
3	Groundwater quality monitoring	Piezometer 5	Quarterly	Quarterly	1	Grab Sample	August	26-Aug-20	0900	N. Haley	NS	NT	NT	04-Sep-20
3	Groundwater quality monitoring	Piezometer 6	Quarterly	Quarterly	1	Grab Sample	August	26-Aug-20	0915	N. Haley	NS	NT	NT	04-Sep-20
3	Groundwater quality monitoring	Piezometer 1	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0800	K.Trembath	NS	NT	NT	04-Nov-20
3	Groundwater quality monitoring	Piezometer 2	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0815	K.Trembath	NS	NT	NT	04-Nov-20
3	Groundwater quality monitoring	Piezometer 3	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0830	K.Trembath	NS	NT	NT	04-Nov-20
3	Groundwater quality monitoring	Piezometer 4	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0845	K.Trembath	NS	NT	NT	04-Nov-20
3	Groundwater quality monitoring	Piezometer 5	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0900	K.Trembath	NS	NT	NT	04-Nov-20
3	Groundwater quality monitoring	Piezometer 6	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0915	K.Trembath	NS	NT	NT	04-Nov-20

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

TREATED BRINE EFFLUENT														
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
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	December	02-Dec-19	0700-0830	M. Churchill	2 Lts	13-Dec-19	55263 #2	18-Dec-19
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	January	15-Jan-20	0730	M. Churchill	2 Lts	03-Feb-20	55562 #2	14-Feb-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	February	NS	NS	NS	NS	NS	NS	23-Mar-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	March	18-Mar-20	0730	M. Churchill	2 Lts	02-Apr-20	56242 #1	09-Apr-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	April	17-Apr-20	0640	M. Churchill	2 Lts	07-May-20	56478 #1	20-May-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	May	13-May-20	0645	M. Churchill	1560ml	03-Jun-20	56714 #7	10-Jun-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	June	26-Jun-20	900	N. Haley	1935ml	08-Jul-20	5125 #2	13-Jul-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	July	17-Jul-20	0815	N. Haley	1935ml	31-Jul-20	5127 #2	05-Aug-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	August	13-Aug-20	1000	Ruben	1935	03-Sep-20	5130	04-Sep-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	September	24-Sep-20	0900	Jason	1935	06-Oct-20	58139	07-Oct-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	October	08-Oct-20	0900	Jason	1935	28-Oct-20	58292	29-Oct-20
NA	Treated Brine effluent quality and volume monitoring	Sampling tap on pipe after pump to evaporation pans	NA	Monthly	1	Grab Sample	November	02-Nov-20	0900	Ruben	1935	20-Nov-20	58563A	23-Nov-20

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

LICENSE DETAILS	LICENSEE:	LORIS H HASSALL TRADING PTY LTD
	PREMISES:	NEWELL HIGHWAY 812 PARKES ROAD
	LICENSE NUMBER:	12765
	REPORTING PERIOD:	11 NOVEMBER 2019 - 12 NOVEMBER 2020

EVAPORATION PANS

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 Pan 1 Insitu	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	0800	M. Churchill	2 Lts	12-Mar-20	55992 #5	23-Mar-20
5	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	0830	M. Churchill	2 Lts	12-Mar-20	55992 #6	23-Mar-20
6	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Quarterly	1	Grab Sample	February	19-Feb-20	0900	M. Churchill	2 Lts	12-Mar-20	55992 #7	23-Mar-20
2	Treated Brine effluent quality monitoring	From Pan 1 Insitu	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	1222	M. Churchill	1810	03-Jun-20	56714 #8	10-Jun-20
5	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	1210	M. Churchill	1810	03-Jun-20	56714 #9	10-Jun-20
6	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Quarterly	1	Grab Sample	May	13-May-20	1200	M. Churchill	1810	03-Jun-20	56714 #10	10-Jun-20
2	Treated Brine effluent quality monitoring	From Pan 1 Insitu	Quarterly	Quarterly	1	Grab Sample	August	21-Aug-20	0820	N. Haley	2 Lts	16-Sep-20	57913#1	17-Sep-20
5	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Quarterly	1	Grab Sample	August	21-Aug-20	0872	N. Haley	2 Lts	16-Sep-20	57913#2	17-Sep-20
6	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Quarterly	1	Grab Sample	August	21-Aug-20	0838	N. Haley	2 Lts	16-Sep-20	57913#3	17-Sep-20
2	Treated Brine effluent quality monitoring	From Pan 1 Insitu	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0700	Jason	1810	20-Nov-20	58562#1	23-Nov-20
5	Treated Brine effluent quality monitoring	From Pan 2 Insitu	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0710	Jason	1810	20-Nov-20	58584#1	23-Nov-20
6	Treated Brine effluent quality monitoring	From Pan 3 Insitu	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0720	Jason	1810	20-Nov-20	58562#2	23-Nov-20
N/A	Treated Brine effluent quality monitoring	From Pan 4 Insitu	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0700	Jason	NS	NT	NT	23-Nov-20
N/A	Treated Brine effluent quality monitoring	From Pan 5 Insitu	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0730	Jason	1810	20-Nov-20	58562#3	23-Nov-20
N/A	Treated Brine effluent quality monitoring	From Pan 6 Insitu	Quarterly	Quarterly	1	Grab Sample	November	02-Nov-20	0740	Jason	1810	20-Nov-20	58562	23-Nov-20

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