Environmental Impact Assessment

Document Stage: Updated Number: 51077-003 August 2023

Maldives: Greater Malé Waste-to-Energy Project – Waste to Energy Plant (Part E)

Appendices

Prepared by the Ministry of Environment, Climate Change and Technology for the Ministry of Finance and the Asian Development Bank. This is an updated version of the draft originally posted in July 2020 available on https://www.adb.org/projects/documents/mld-51077-003-eia-2.

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9. RESULTS OF DISPERSION MODEL RUN

Dispersion model results are presented according to rankings of peak values of ground level concentrations. Below are summary of results for highest GLCs for the Partidulates, Metals and Gaseous Emissions. Results are presented within the 4 km by 4 km dimension graphical presentation Distance (X axis) and Concentration ug/Ncm (Y Axis). Maximum straight line domain is 4000 m (4 km). Raw data of model results are in output files following Nomenclatures: (x=distance from source, km), conc=ground-level centerline concentration, ug/m3), (sigmay=dispersion coefficient in Y direction, dimensionless), (sigmaz=dispersion coefficient in Z direction, dimensionless), (xf=distance to final plume rise, km), (h=plume height, m). See Table 7 Figures 24 to 48.

Table 7: Summary Maximum Ground Level Concentration - AERMOD

MAXIMUM G	ROUND LEV	EL CONCE	NTRATION				Standards Luft)	USEPA	WHO Air Quality Guidelines	% of the Applicable Standards
Parameters	Ave.Time	Conc (ug/Nm3)	Deposition (g/m2)	Х	Υ	Conc (ug/Nm³)	Deposition (g/m2)	Conc (ug/Nm³)	Conc (ug/Nm³)	%
Total Dust	1 hour	7.60628	0.00754	327040	462672	-	-	-	-	-
Total Dust	24 hour	3.18863	0.03805	327140	462572	-	-	-	-	-
Total Dust	1 year	0.34134	0.43994	326840	462572	-	0.35	-	-	
PM10	1 hour	0.10288	0.00037	326640	462472	-	-	-	20	0.51
PM10	24 hour	0.02844	0.00078	326640	462472	50	-	150	50	0.06
PM10	1 year	0.0025	0.02508	327240	462572	40	-	50	20	0.01
SO2	1 hour	10.3398	-	326640	462472	350	-	212	-	4.88
SO2	24 hour	2.85793	-	326640	462472	125	-	365	20	14.29
SO2	1 year	0.25302	-	327240	462572	50	-	79	-	0.32
NO2(NOx)	1 hour	48.91013	-	326640	462472	200	-	100 ppb	200	24.46
NO2(NOx)	24 hour	14.16085	-	326640	462472	-	-	-		-
NO2(NOx)	1 year	2.1	-	324540	460472	40	-	53 ppb	40	5.25
Hg	1 hour	0.00643	-	326640	462472	-	-	-	-	-
Hg	24 hour	0.00178	-	326640	462472	-	1	-	-	-
Hg	1 year	0.00157	-	327240	462572	-	0.05	-	-	-
NH3	1 hour	2.06667	-	326640	462472	-	-	-	-	-
NH3	24 hour	0.57123	-	326640	462472	-	-	-	-	-
NH3	1 year	0.00147	-	326340	461872	-	-	-	-	-
HCI	1 hour	2.06667	-	326540	462472	-	-	-	-	-
HCI	24 hour	0.57123	-	326540	462472	-	-	-	-	-
HCI	1 year	0.00147	-	324540	460472	-	-	-	-	-
Hf	1 hour	0.20705	-	326640	462472	-	-	-	-	-
Hf	24 hour	0.05723	-	326640	462472	-	-	-	-	-

Environmental Impact Assessment	(EIA) for the Waste to	Energy Facility in Thila	ıfushi İsland, Maldives

MAXIMUM GI	ROUND LEV	EL CONCEN	ITRATION				Standards Luft)	USEPA	WHO Air Quality Guidelines	% of the Applicable Standards
Hf	1 year	0.00015	-	324540	460472	-	-	-	-	-
D/F	1 hour	0.02058	-	326640	462472	-	-	-	-	-
D/F	24 hour	0.00569	-	326640	462472	-	-	-	-	-
D/F	1 year	0.00002	-	324540	460472	-	-	-	-	-
Sum of Metals (Sb) ¹	1 hour	1.31607	-	326440	462172	-	-	-	-	1
Sum of Metals (Sb) ¹	24 hour	0.49540	-	326440	462572	-	-	-	-	-
Sum of Metals (Sb) ¹	1 year	0.09818	-	326440	462472	-	-	-	-	-
Sum of Metals (As) ²	1 hour	0.13161	-	326440	462172	-	-	-	-	-
Sum of Metals (As) ²	24 hour	0.04954	1	326440	462572	ı	-	-	-	1
Sum of Metals (As) ²	1 year	0.00982	1	326440	462472	ı	-	-	-	1
Sum of Metals (TI) ³	1 hour	0.13161	1	326440	462172	ı	-	-	-	1
Sum of Metals (TI) ³	24 hour	0.04954	-	326440	462572	-	-	-	-	-
Sum of Metals:	1 year	0.00982	-	326440	462472	-	-	-	-	-

¹Sum of metals: Antimony, Chromium, Copper, Manganese, Vanadium, in, Lead, Cobalt, Nickel ²Sum of metals: Arsenic / cadmium and its compounds (expressed as As and Cd), benzo (a) pyrene, water-soluble cobalt compounds (expressed as Co), chromium (VI) compounds (expressed as Cr)

³Sum of metals: Thallium and its compounds and cadmium

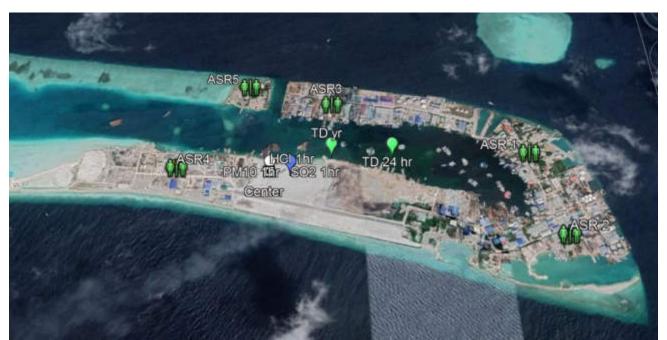


Figure 24: Location of Maximum Predicted Ground Level Concentration

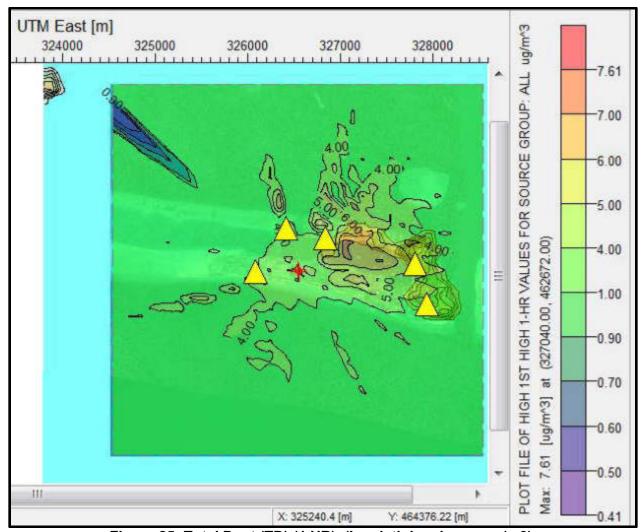


Figure 25: Total Dust (TD) (1 HR) (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

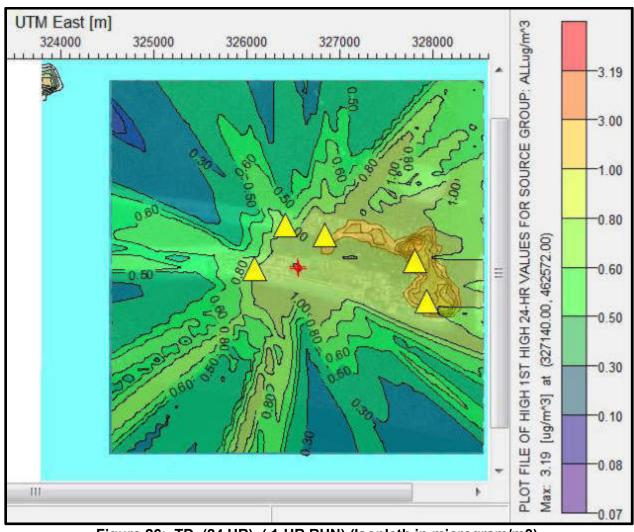


Figure 26: TD (24 HR) (1-HR RUN) (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

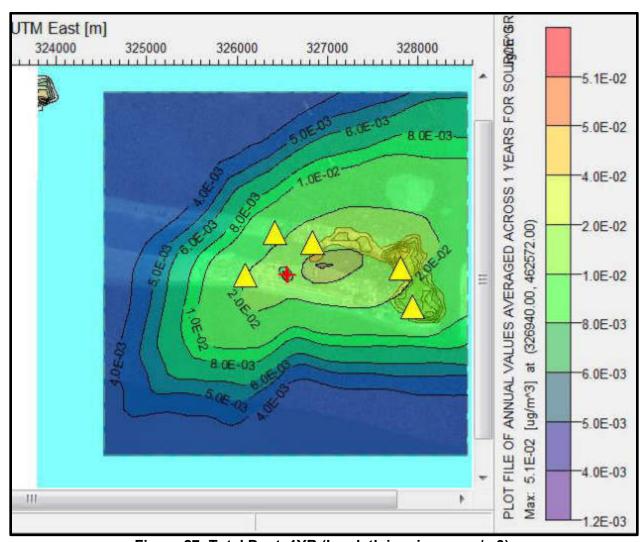


Figure 27: Total Dust 1YR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

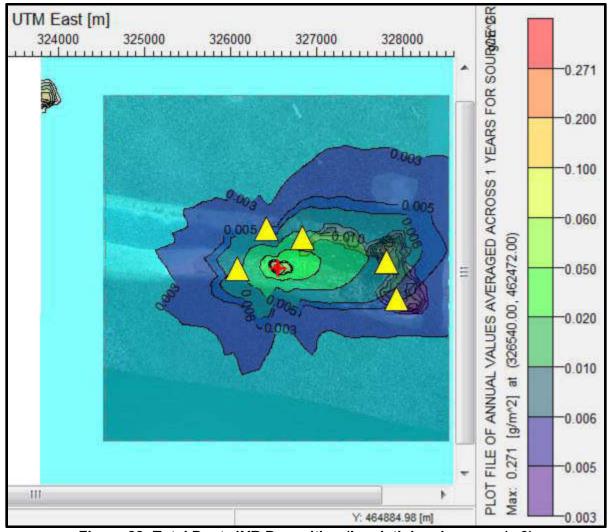


Figure 28: Total Dust 1YR Deposition (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

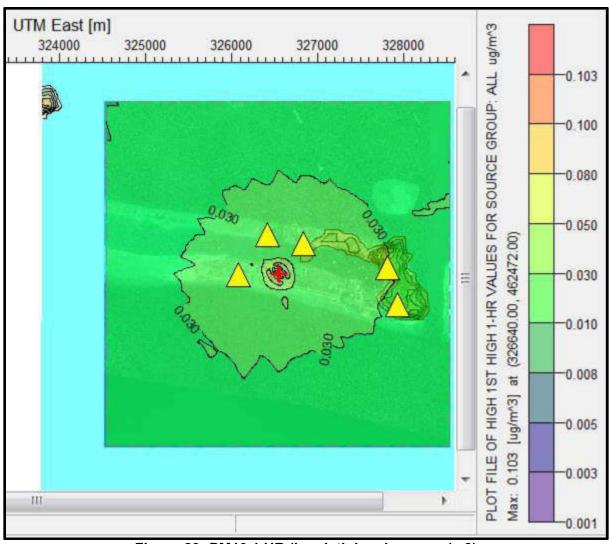


Figure 29: PM10 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

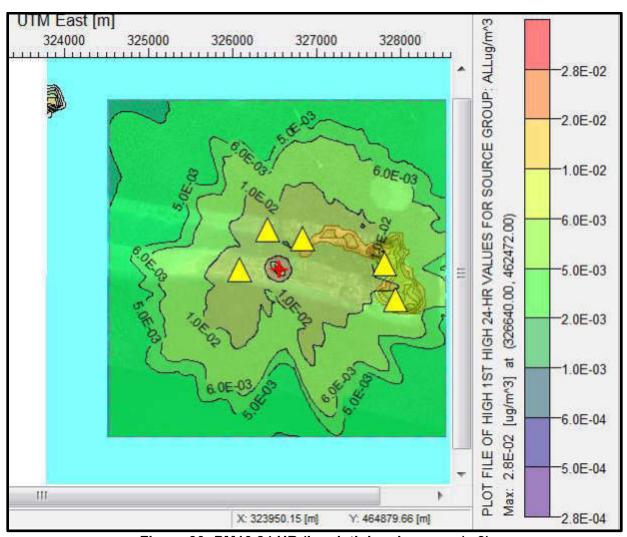


Figure 30: PM10 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitrive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

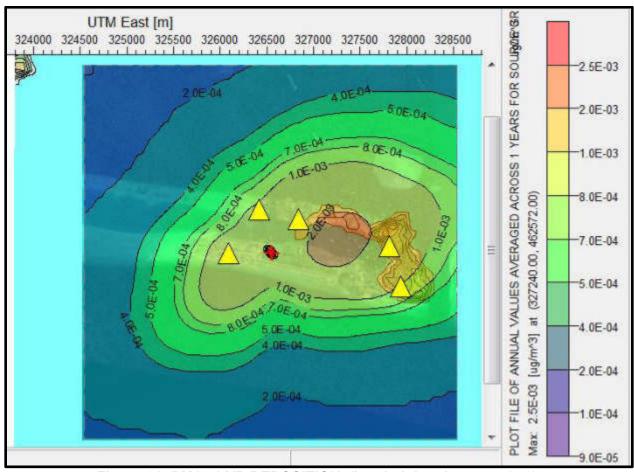


Figure 31: PM10 1 YR DEPOSITION (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitrive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

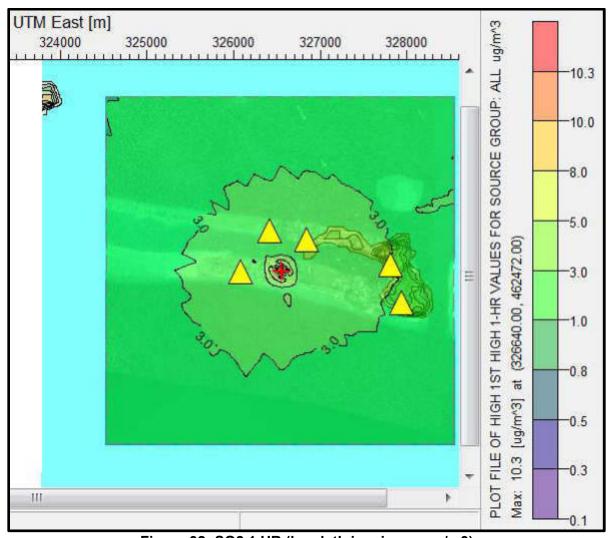


Figure 32: SO2 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

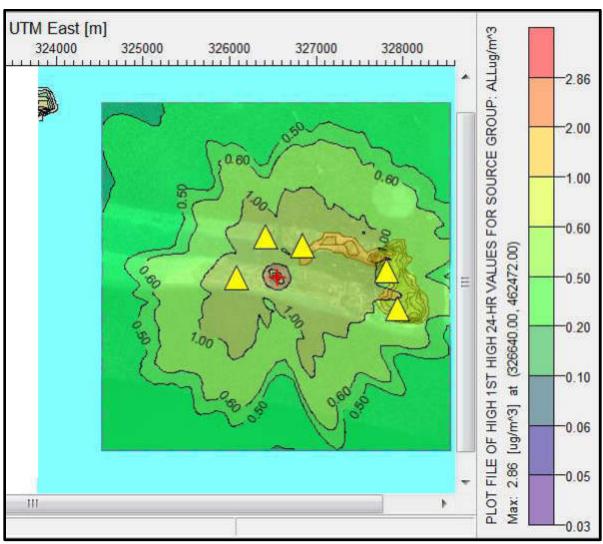


Figure 33: SO2 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

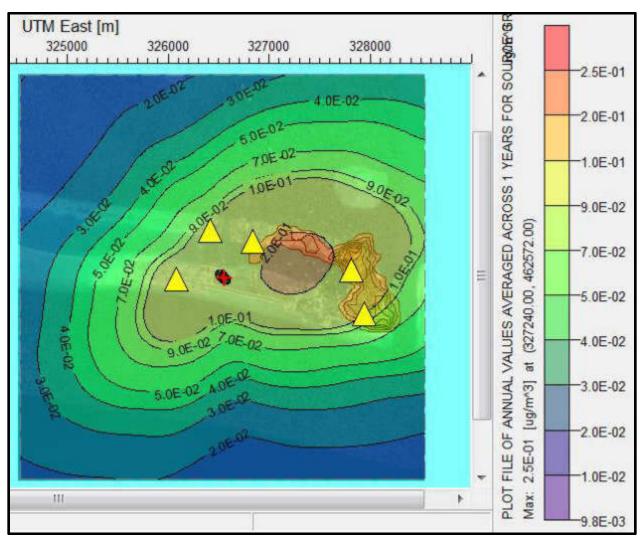


Figure 34: SO2 1 YR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

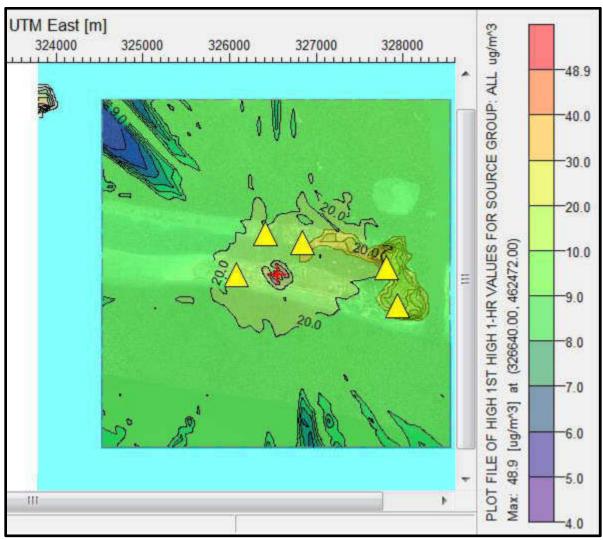


Figure 35: NO2 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

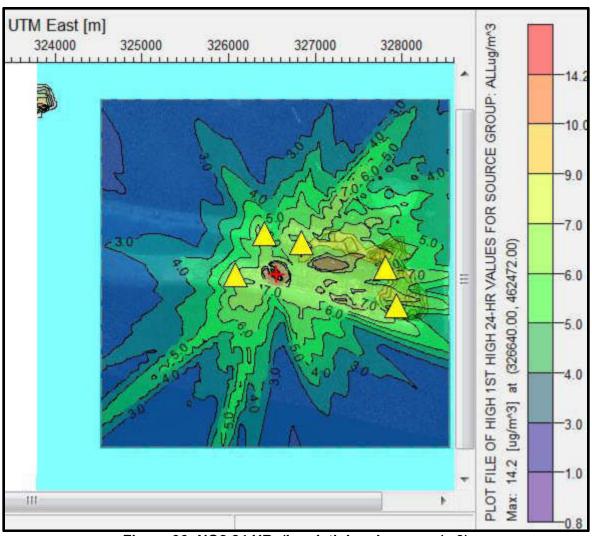


Figure 36: NO2 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

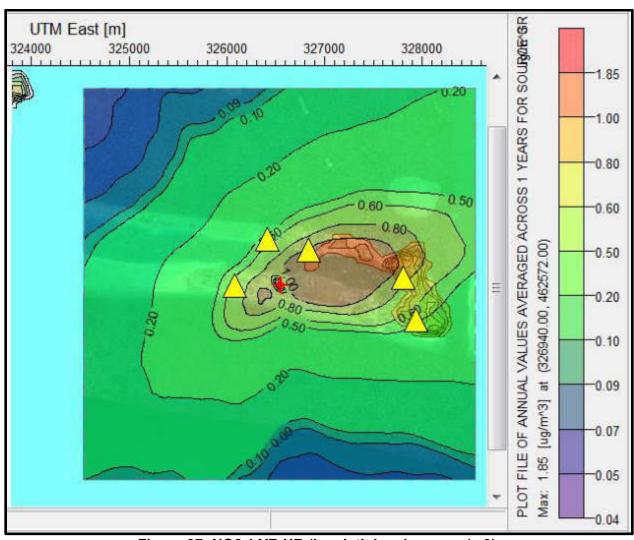


Figure 37: NO2 1 YR HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

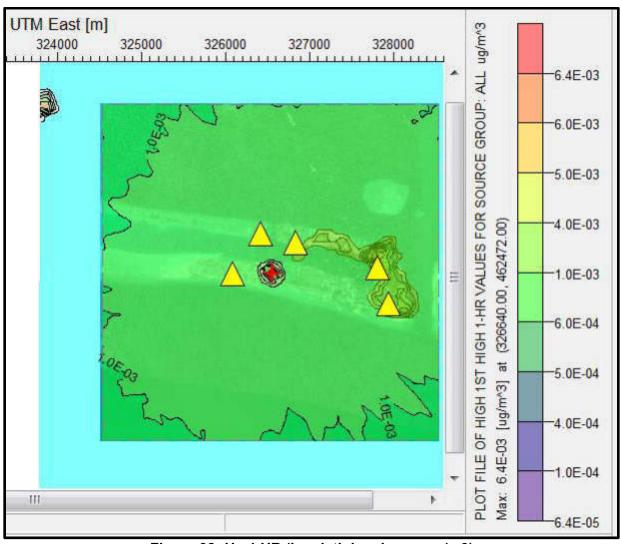


Figure 38: Hg 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

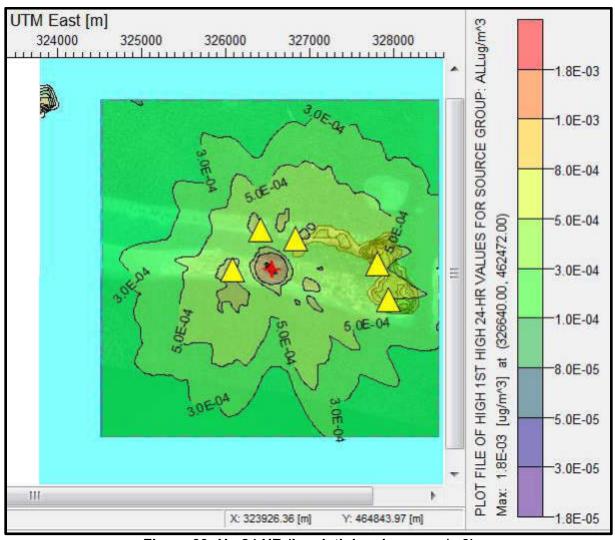


Figure 39: Hg 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

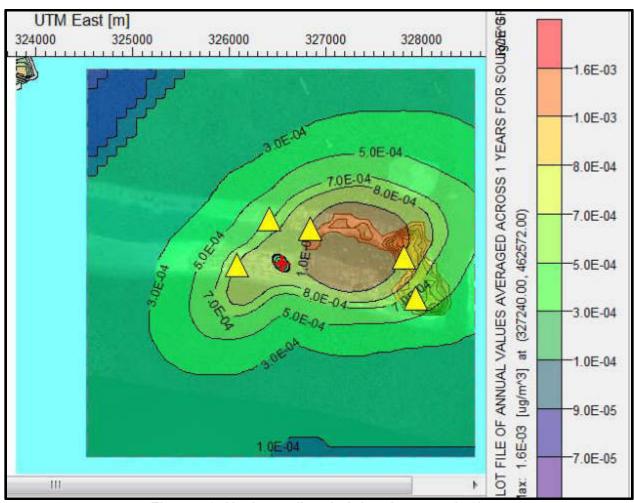


Figure 40: Hg 1 year (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

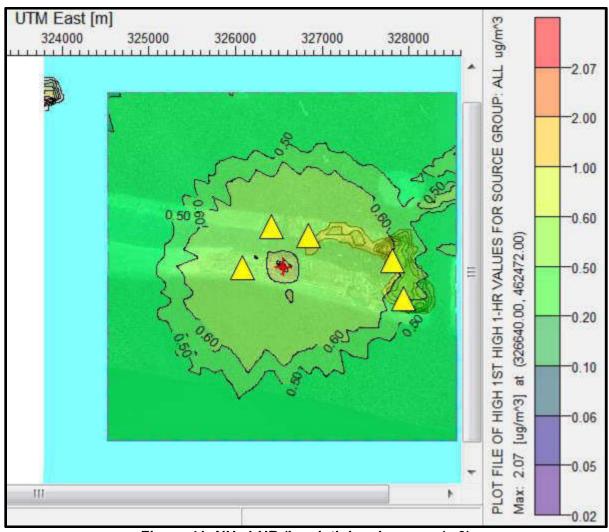


Figure 41: NH₃ 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

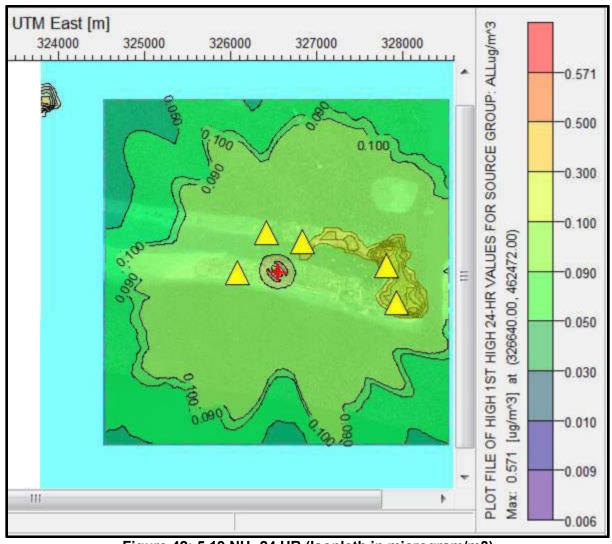


Figure 42: 5.19 NH₃ 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

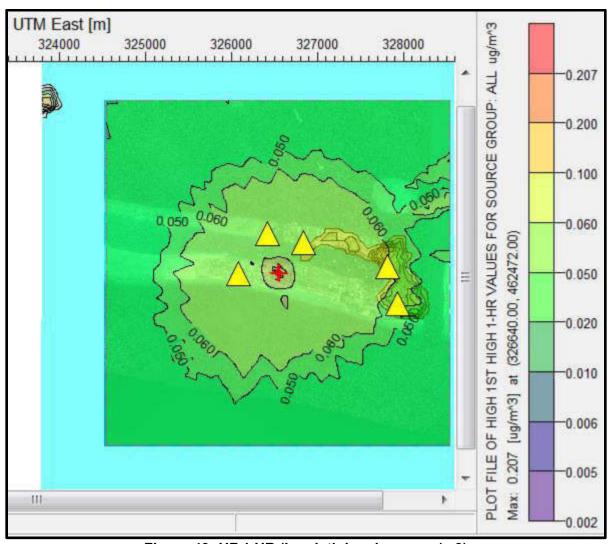


Figure 43: HF 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

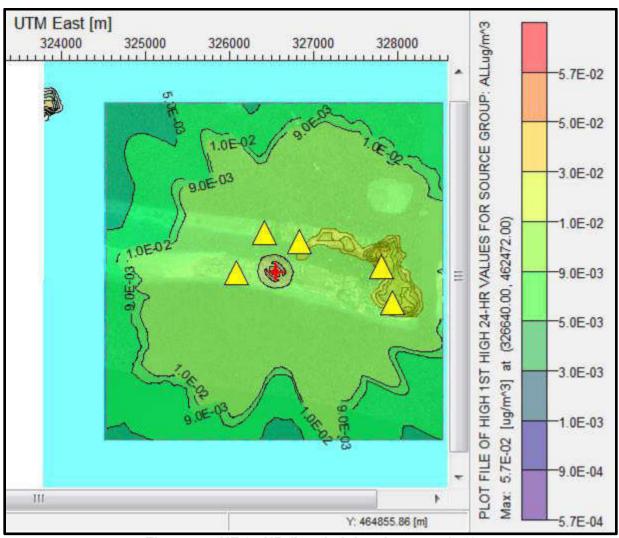


Figure 44: HF 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

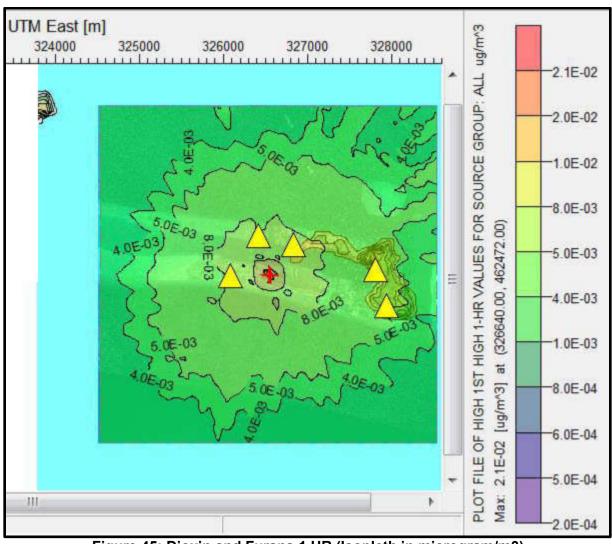


Figure 45: Dioxin and Furans 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

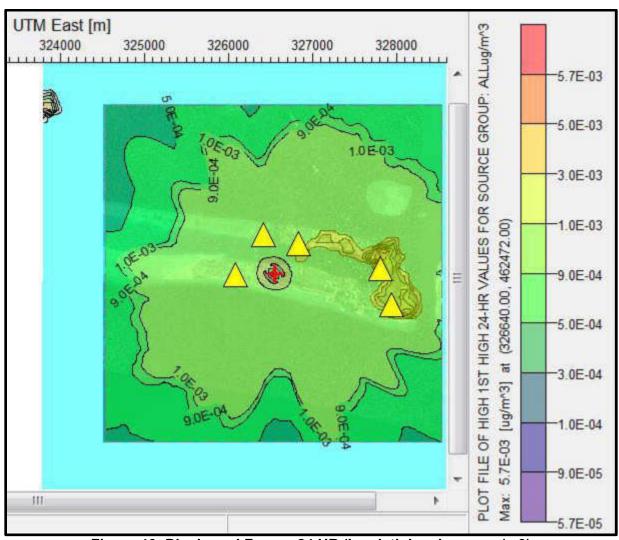


Figure 46: Dioxin and Furans 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

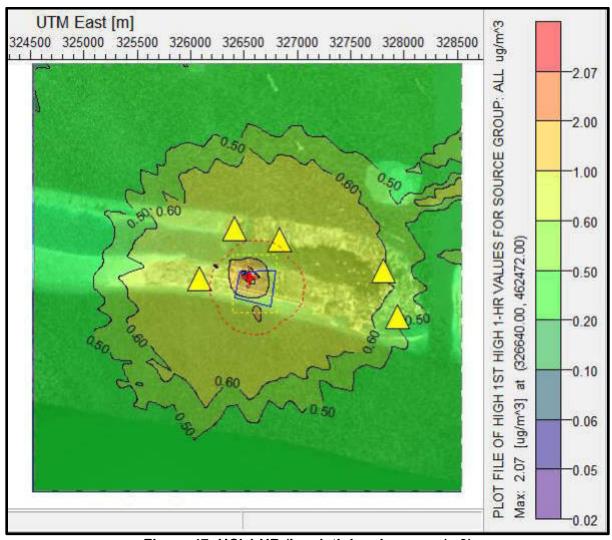


Figure 47: HCl 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

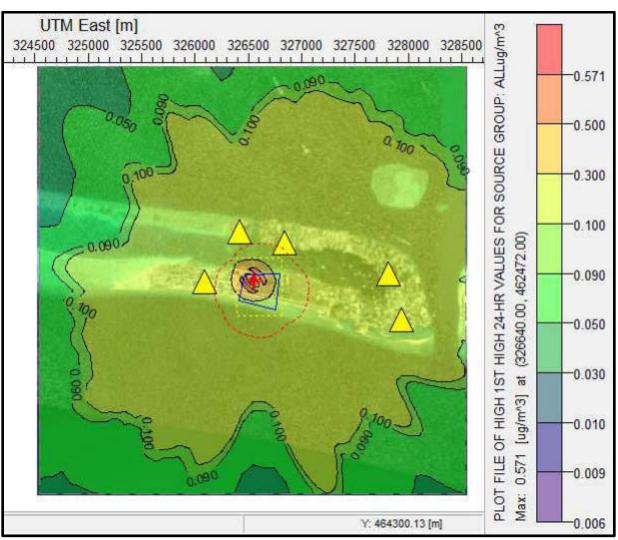


Figure 48: HCl 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

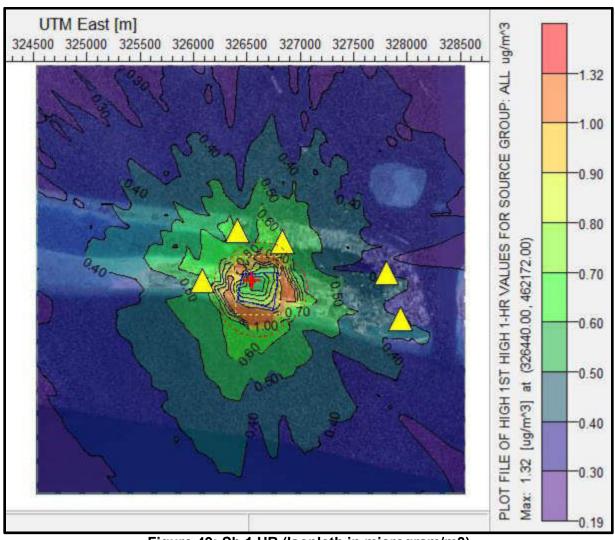


Figure 49: Sb 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

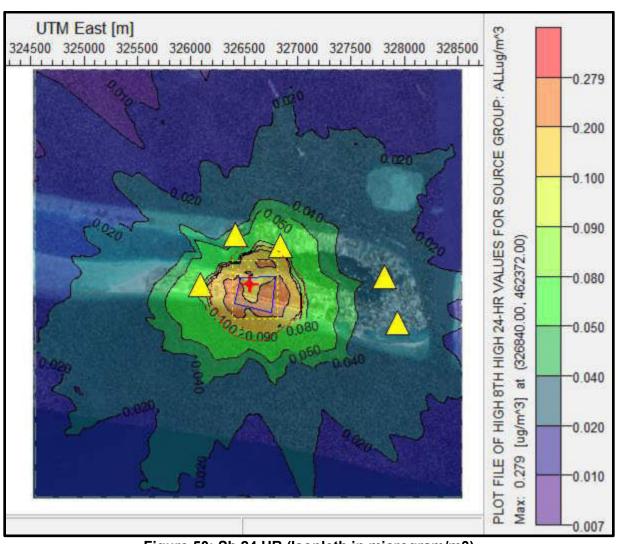


Figure 50: Sb 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

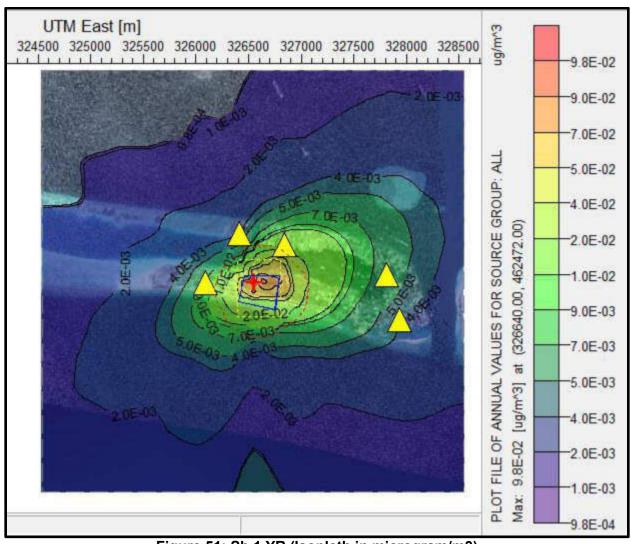


Figure 51: Sb 1 YR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

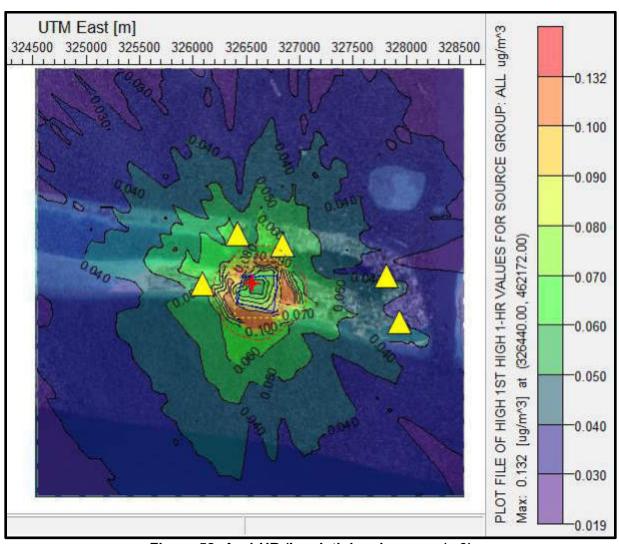


Figure 52: As 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

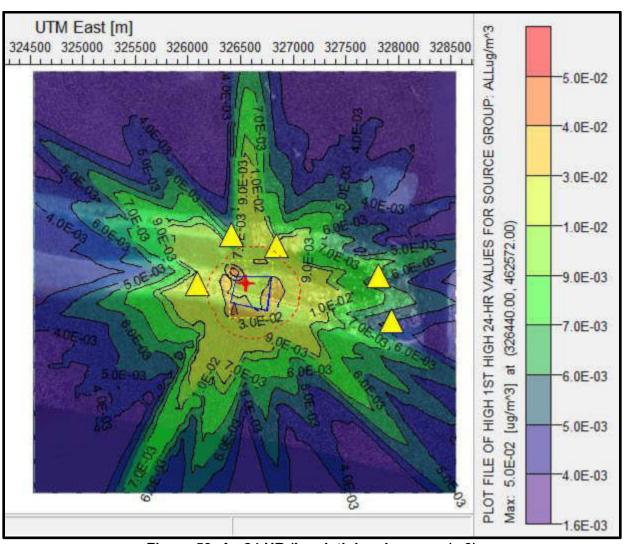


Figure 53: As 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

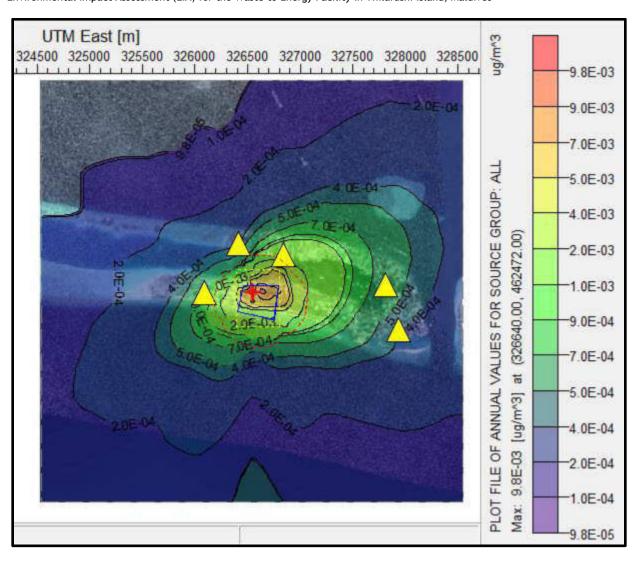


Figure 54: As 1 YR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

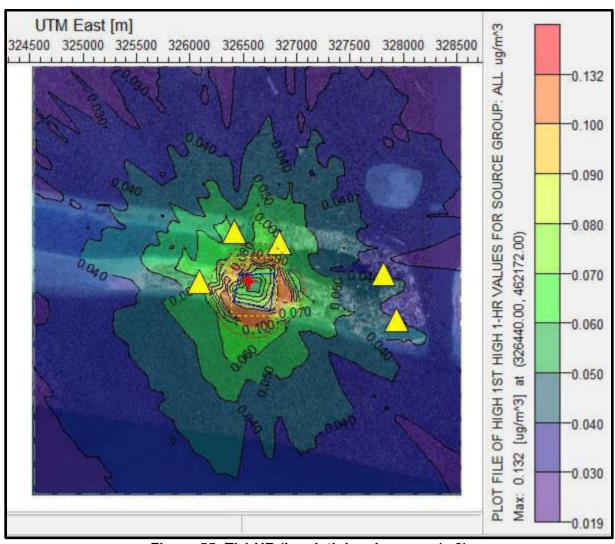


Figure 55: TI 1 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

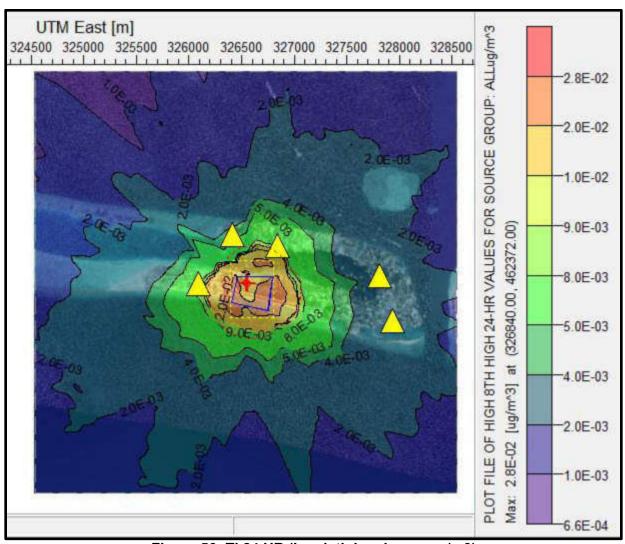


Figure 56: TI 24 HR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

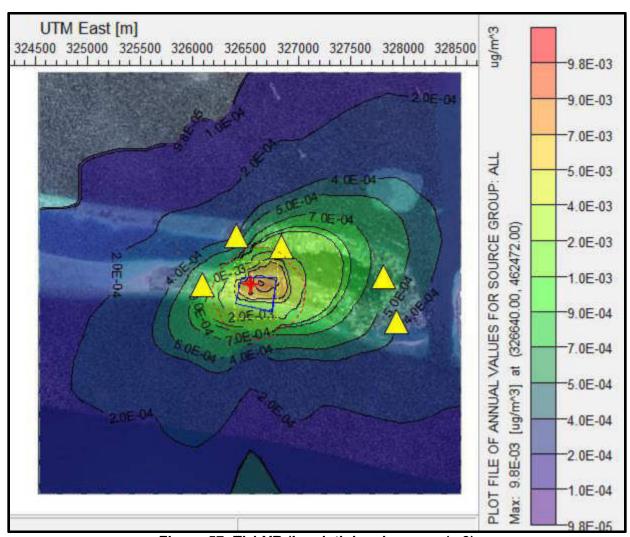


Figure 57: TI 1 YR (Isopleth in microgram/m3)

LEGEND: Yellow Triangles refer to identified ASRs Area Sensitive Receptor (ASRs)

	Long	Lat
ASR1	327812	462536
ASR2	327938	462105
ASR3	326839	462822
ASR4	326087	462455
ASR5	326416	462929

10. DISCUSSION OF RESULTS

10.1 AERMOD VER.9.1 MODEL RUN USING TIER 3 MET DATA (MALDIVES METEOROLOGY)

Figures 24 to 48 are the results of the predictive peak values of emission dispersion modeling presented in 2 dimensional graphs: 4000 m (4km) X 4000 m (4km). Dispersion model results are presented in 2-dimension graphical presentation Distance (X-axis) and Concentration ug/Ncm (Y-axis). Raw data of results are in output files presented in the following Nomenclature: (x=distance from source, km), conc=ground-level centerline concentration, ug/m3), (sigmay=dispersion coefficient in Y direction, dimensionless), (sigmaz=dispersion coefficient in Z direction, dimensionless), (xf=distance to final plume rise, km), (h=plume height, m).

10.2 TOTAL DUST (TD)

Predicted short term (1 hour) for controlled total dust (TD) maximum ground level concentrations is 7.60 ug/m3 located 280 meters ENE from the center of the domain. The 24 hour controlled total dust (TD) maximum ground level concentrations is 3.188 ug/m3 located 608 meters ENE from the center of the domain. Simulated concentrations for maximum ground level concentration for 1 hour total dust (TD) are generally very low. There is no available the Ambient Air Quality Standards for total dust in the Austal2000 Report. For the total dust (TD) deposition, AERMOD results shows 0.00754 g/m2 for 1 hour, 0.038505 g/m2 for 24 hr, and 0.43394 g/m2 for 1 year deposition. Deposition simulations are all below the TALuft precipitation limit of 0.35 g/m2-d. There are no applicable USEPA standards and WHO Air Quality Guideline Values. Reference center of the domain is the location of the Boiler Stack-1 at Universal Transverse Mercator (UTM) coordinates Easting 326540 and Northing 462472.

10.3 PARTICULATE MATTER 10 (PM-10)

Predicted short term (1 hour) for controlled particulate matter 10 (PM-10) maximum ground level concentrations is 0.102 ug/m3 located 100 meters E from the center of the domain. The 24-hour controlled PM-10 maximum ground level concentrations is 0.02844 ug/m3 located 100 meters E from the center of the domain. Simulated concentration for maximum ground level concentration for 24 hour PM10 is below the 35 ug/m3 TA Luft standards. There is no available Ambient Air Quality Standards for PM-10 in the Austal2000 report. For the PM-10 deposition, AERMOD results shows 0.00037 g/m2 for 1 hour, 0.0007g/m2 for 24 hour and 0.025 g/m2 for 1 year deposition. There is no TALuft limit for PM10 for 1-hour in the Austal2000 report. Results are below TA Luft and WHO Air Quality Guideline Values. There are no USEPA standards in ug/Nm3 unit, the values used are converted from parts per billion by volume (ppbv). The results show insignificant increase of 0.51% for 1-hour, 0.06% for 24-hour, and 0.01% for 1-year. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.4 SULFUR DIOXIDE (SO2)

Predicted short term (1 hour) for controlled sulfur dioxide (SO_2) maximum ground level concentrations is 10.34 ug/m3 located 100 meters E from the center of the domain. The 24 hour controlled SO_2 maximum ground level concentrations is 2.85 ug/m3 located 100 meters E from the center of the domain. For 1-year averaging time, results of maximum concentration is 0.25302 ug/m3. Results for maximum ground level concentration for 1 hour, 24 hour and 1 year SO_2 are all below the TA Luft standards of 350 ug/m3 for 1 hour, 125 ug/m3 for 24 hr and 50 ug/m3 for 1 year respectively. There are no USEPA standards in ug/Nm3 unit, the values used are converted from parts per billion by volume (ppbv). The results show insignificant increase of 4.88% for 1-

¹⁴ Controlled emission parameters refer to post-air pollution control devices. For the WtE, each stack will include baghouse and electostatic precipitators.

hour, 14.29% for 24-hour, and 0.32% for 1-year. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.5 NITROGEN OXIDES (NOX)

Predicted short term (1 hour) for controlled NO₂ maximum ground level concentrations is 48.91 ug/m3 located 100 meters E from the center of the domain. The 24 hour controlled NO₂ maximum ground level concentrations is 14.16 ug/m3 located 100 meters E from the center of the domain. For 1 year averaging time, results of maximum NO₂ concentration is 2.1 ug/m3. Simulated concentration for maximum NO₂ ground level concentration for 1 year is below the TA Luft standards of 40 ug/m3. There are no USEPA standards in parts per billion by volume (ppbv) therefore cannot be converted to ug/Nm3 unit. The results show increase of 24.46% for 1-hour, and 5.25% for 1-year if compared to WHO Air Quality Guidelines. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.6 MERCURY (HG)

Predicted short term (1 hour) for controlled mercury (Hg) maximum ground level concentrations is 0.00643 ug/m3 located 100 meters E from the center of the domain. The 24 hour controlled Hg maximum ground level concentrations is 0.00178 ug/m3 located 100 meters E from the center of the domain. For 1 year averaging time, results of maximum concentration is 0.0057 ug/m3. There are no TA Luft, USEPA standards and WHO Air Quality Guideline Values. The results show insignificant increase of 0.18% for 24-hour and 3.14% for 1-year using TA Luft standards. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.7 AMMONIA (NH3)

Predicted short term (1 hour) for controlled ammonia (NH₃) maximum ground level concentrations is 2.066 ug/m3 located 100 meters E from the center of the domain. The 24 hour controlled NH₃ maximum ground level concentrations is 0.57123 ug/m3 located 100 meters E from the center of the domain. There are no NH₃ TA Luft standards in the Austal2000 report. There are no USEPA standards and WHO Air Quality Guideline Values. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.8 HYDROGEN CHLORIDE (HCL)

Predicted short term (1 hour) for controlled hydrogen chloride (HCI) maximum ground level concentrations is 2.066 ug/m3 located 100 meters E from the center of the domain. The 24 hour controlled NH₃ maximum ground level concentrations is 0.57123 ug/m3 located 100 meters E from the center of the domain. There are no HCI TA Luft standards in the Austal2000 report. There are no USEPA standards and WHO Air Quality Guideline Values. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.9 HYDROGEN FLOURIDE (HFL)

Predicted short term (1 hour) for controlled hydrogen fluoride (HFI) maximum ground level concentrations is 2.066 ug/m3 located 100 meters E from the center of the domain. The 24 hour

controlled HFI maximum ground level concentrations is 0.57123 ug/m3 located 100 meters E from the center of the domain. There are no HFI TA Luft standards in the Austal2000 report. There are no USEPA standards and WHO Air Quality Guideline Values. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.11 DIOXINS AND FURANS (D/F)

Predicted short term (1 hour) for controlled Dioxins and Furans maximum ground level concentrations is 0.0258 ug/m3 located 100 meters E from the center of the domain. The 24 hour controlled Dioxins and Furans maximum ground level concentrations is 0.00569 ug/m3 located 100 meters E from the center of the domain. There are no Dioxins and Furans TA Luft standards in the Austal2000 report. There are no USEPA standards and WHO Air Quality Guideline Values. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.12 SUM OF HEAVY METALS AND THEIR COMPONENTS: ANTIMONY, CHROMIUM, COPPER, MANGANESE, VANADIUM, TIN, LEAD, COBALT, NICKEL (TA LUFT CLASS II AND III)

Predicted short term (1 hour) for the Sum of heavy metals and their components: antimony, chromium,copper, manganese, vanadium, tin, lead, cobalt, nickel (TA Luft class II and III) ground level concentrations is 1.3161 ug/m3 located 316 meters NorthNorthEast (NNE) from the center of the domain. The 24 hour controlled total sum of metals maximum ground level concentrations is 0.4954 ug/m3 located 141 meters NorthWest (NW) from the center of the domain. For 1 year averaging time, results of maximum concentration is 0.0982 ug/m3. Simulated concentrations for maximum ground level concentration for both 1, 24 hours & 1 Year averaging which are generally very low. Results are generally lower than US RSLs for combined 24 hr averaging for Cu, Vn,Cr and Mn of 0.152 ug/m3 and the 3 month NAAQS for Lead of 0.15 ug/m3. There is no available the Ambient Air Quality Standards for said metals in the Austal2000 Report. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.13 ARSENIC / CADMIUM AND ITS COMPOUNDS (EXPRESSED AS AS AND CD), BENZO (A) PYRENE, WATER-SOLUBLE COBALT COMPOUNDS (EXPRESSED AS CO), CHROMIUM (VI) COMPOUNDS (EXPRESSED AS CR) (TA LUFT CLASS I)

Predicted short term (1 hour) for the Sum of heavy metals and their components: Arsenic / cadmium and its compounds (expressed as As and Cd), benzo (a) pyrene, water-soluble cobalt compounds (expressed as Co), chromium (VI) compounds (expressed as Cr) (TA Luft Class I) ground level concentrations is 0.13161 ug/m3 located 316 meters NorthNorthEast (NNE) from the center of the domain. The 24 hour controlled total sum of metals maximum ground level concentrations is 0.049 ug/m3 located 141 meters NorthWest (NW) from the center of the domain. For 1 year averaging time, results of maximum concentration is 0.00982 ug/m3. Simulated concentrations for maximum ground level concentration for both 1, 24 hours & 1 Year averaging which are generally very low. Results are generally lower than the available ESL for Arsenic of 3 ug/m3 and 0.067 ug/m3 for 1 year. There is no available the Ambient Air Quality Standards for said metals in the Austal2000 Report. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.14 THALLIUM AND ITS COMPOUNDS (TA LUFT CLASS I) CADMIUM

Predicted short term (1 hour) for the Sum of heavy metals and their components: Thallium and its compounds (TA Luft class I) cadmium ground level concentrations is 0.13161 ug/m3 located 316 meters NorthNorthEast (NNE) from the center of the domain. The 24 hour controlled total sum of metals maximum ground level concentrations is 0.049 ug/m3 located 141 meters NorthWest (NW) from the center of the domain. For 1 year averaging time, results of maximum concentration is 0.00982 ug/m3. Simulated concentrations for maximum ground level concentration for both 1, 24 hours & 1 Year averaging which are generally very low. There is no available the Ambient Air Quality Standards for said metals in the Austal2000 Report and in the USEPA NAAAQS, ESLs and RSLs. Reference center of the domain is the location of the Boiler Stack-1 at UTM coordinates Easting 326540 and Northing 462472.

10.15 OVERALL RESULTS

AERMOD validation of the Austal2000 model results shows slightly higher results than the Austal2000 report but still within TA Luft Standards, USEPA Standards and WHO Air Quality Guideline Values. For the deposition results, Total Dust, SO2, NO2 and Hg are confirmed to be way below the 1 year TA Luft precipitation standards. Toxic heavy metal parameters such Ni, Ti, As,Cd, and Pb was excluded in the validation model due to absence of design emission data. For all the above parameters, controlled emissions have been validated to be in compliance with the TA Luft Standards as provided in the Austal2000 Report and with the USEPA standards.

Based on the design emission of the proposed WTE plant, proposed stack height of 50 meters in the Austal2000 report was found to be favorable considering all predicted ground level concentrations in the AERMOD validation model are below the TA Luft and USEPA standards.

10.16 AERMOD VER.9.1 MODEL MAXIMUM GROUND LEVEL CONCENTRATIONS IN AREA SENSITIVE RECEPTORS (ASR-GLCMAX)

Results of the dispersion model in Table 8 shows highest predicted ground level concentrations (GLC) in ASRs for TSP, CO SO2 and NO2 for 1-hour and 24-hour period. Predicted peak values for 1 year are below 0.00000 ug/Ncm and considered not significant. GLCs for 1-hour and 24-hour period are all below applicable ambient air quality standards.

Table 8: TABLE OF NOTEABLE PEAK VALUES IN AREA SENSITIVE RECEPTORS AREAS (ASRs)

Receptor	Receptor		UTM Co	ordinates						PARAMETER	S (ug/Ncm)		-			
ID	Description	Direction	Easting	Northing	TD	TD	PM10	PM10	NO2	NO2	SO2	SO2	Hg	Hg	D/F	D/F
			(m)	(m)	1 hour	24 hour	1 hour	24 hour	1 hour	24 hour	1 hour	24 hour	1 hour	24 hour	1 hour	24 hour
Applicable S	Standards				-	-	20	50	200	-	212	20	-	-	-	-
ASR 1	Industrial	1273.25	327812	462536	0.444	0.188	0.031	0.009	16.672	6.623	3.111	0.922	0.019	0.006	0.023	0.007
ASR 2	Industrial	1445.55	327938	462105	0.395	0.159	0.027	0.008	14.967	5.577	2.712	0.790	0.017	0.005	0.020	0.006
ASR 3	Industrial	459.87	326839	462822	0.656	0.213	0.045	0.014	23.098	7.466	4.537	1.379	0.028	0.009	0.034	0.010
ASR 4	Industrial	453.28	326087	462455	0.634	0.217	0.041	0.014	22.492	7.298	4.144	1.370	0.026	0.009	0.031	0.010
ASR 4	Industrial	473.64	326416	462929	0.713	0.216	0.043	0.012	24.549	7.393	4.351	1.206	0.027	0.008	0.032	0.009

11. RECOMMENDATIONS

The WTE Boilers should be regularly maintained and structure of the stack, ducts should be regularly checked up to avoid fugitive dusts sources and particulate accumulation. Biomass and municipal fuel should have an acceptance criteria such as moisture content and toxic characterization. Waste should be dried to eliminate moisture which is a precursor to incomplete combustion which is among major contributors to Particulate Matter (PM) and Carbon Monoxide (CO) emission. Control device such as the Dry scrubber and Baghouse is also recommended for regular check-up and maintenance.

Other control measures outside the facility are also recommended which include, periodic watering of roads for, minimizing generation and resuspension of dust particles. Forestation and plantation in perimeter-buffer areas are other effective controls. These areas will be protected by vegetation walls from dispersion of air pollutants. Other cleaner production measures are recommended.

Regular Ambient Air quality monitoring should be conducted in hot spots and impacts areas based on the results of this modelling report. Actual ambient monitoring may be treated as validation of model results. Every modification and installation of new sources should be considered by proponent as additional contribution to emission of the Power plant, hence modelling updates should also be conducted to determine assimilative carrying capacity of the area based on the impacts of the plant to the environment. These efforts will contribute to recommendations of the plant's overall management efforts to abate air pollution thus performing corporate responsibility to the environment and natural resources. It recommended to (i) retain the four (4) ambient monitoring stations used in conducting ambient air quality in Thillafushi island for the EIA study; and (ii) put up additional ambient monitoring stations in ASR 2, ASR 3 and ASR 5 areas due to industrial facilities with workers quarters.

According to WHO best practices in WTE plant, proper combustion design is among the important factor in reduction of emission. Proper design and operation of incinerators should achieve desired temperatures, residence times, and other conditions necessary to destroy pathogens, minimize emissions, avoid clinker formation and slagging of the ash (in the primary chamber), avoid refractory damage destruction, and minimize fuel consumption. Good combustion practice (GCP) elements also should be followed to control dioxin and furan emissions (Brna and Kilgroe 1989)¹⁵. Regardless of how well equipment is designed, wear and tear during normal use and poor operation and maintenance practices will lead to the deterioration of components, a resultant decrease in both combustion quality, an increase in emissions, and potential risks to the operator and public. Operation and maintenance also affect reliability, effectiveness and life of the equipment. Essentially all components of small-scale incinerators are prone to failure and require maintenance. Maintenance on an hourly to semi-annual schedule is required (EPA 1990). See Annex 1 and 2.

Background ambient air quality was not accounted in the modeling run. However given there are no potential significant sources of air pollution (such as mobile, area, line sources, community and other air-pollutant emitting industries) near the WTE plant, the results of both the Austal2000 and AERMOD models are generally acceptable and can be seen as below TA Luft and USEPA Standards. However, it is highly recommended to conduct a validation run after 1 to 3 months during operations stage using actual CEMS, stack testing, and ambient air monitoring results.

¹⁵ WHO Best Practices in Incineration, EPA (1990), UNDP (2003), and De Montfort literature.

12. RECOMMENDED AMBIENT AIR QUALITY MONITORING STATIONS

Recommended to put up addition Monitoring stations in the ASR 2, ASR 3 and ASR 5 areas. Below is the receptor map of with identified Area Sensitive Receptor primary impact areas and location of Existing Ambient Air Quality Monitoring Stations . In cases of exceedance, these areas are likely to be affected.



Figure 58: Recommended monitoring sites.

ANNEXES

ANNEX-1: WHO Best Practice in WTE plant - Recommended Operating Parameters

Table 2 Recommendations of key design/operating parameters for small-scale intermittent incinerators.

Derived in part from EPA (1990), UNDP (2003), and De Montfort literature.

Type	Parameter	Recommendation
Capacity	Destruction rate, safety boxes capacity	District/subdistricts in Taylor (2003) that regularly used incinerators destroyed an average of 58 safety boxes per month, about 14 per week, equivalent to ~12 kg/week. Remote areas may only generate 1 kg per month. Proper sizing is important. Ideally, unit should burn for long periods (~4 hrs) to save fuel. (De Montfort units are not suitable for short sharp burns without a warm up period, though this appears to be common practice).
Temperatures	Primary chamber Secondary chamber Gas entering air pollution control	540 to 980 C 980 to 1200 C (EPA 1990 recommendations) >850/1100* C (S. African and EU standards) >1000/1100* C (Indian and Thai standards) * more than 1% obsorinated organic matter in waste <230 C
	devices, if any	
Air flows	Gas (secondary chamber)	140 - 200% excess
Air hows	Total combustion air Supply and distribution of air in the incinerator	Adequate Adequate
	Mixing of combustion gas and air in all zones Particulate matter entrainment	Good mixing Minimize by keeping moderate air velocity to avoid fluidization of
	into flue gas leaving the incinerator	the waste, especially if high (>2%) ash waste is burned.
Controls & Monitoring	Temperature and many other parameters	Continuous for some, periodic for others
Waste	Waste destruction efficiency	>90% by weight
	Uniform waste feed Minimizing emissions of HCl, D/F, metals, other pollutants Load charge only when incinerator operating conditions	Uniform waste feed, and avoid overloading the incinerator Avoid plastics that contain chlorine (polyvinyl chloride products, e.g., blood bags, IV bags, IV tubes, etc. Avoid heavy metals, e.g., mercury from broken thermometers etc. Pre-heat incinerator and ensure temperatures above 800 C. Avoid overheating.
Enclosure	Roof	A roof may be fitted to protect the operator from rain, but only
Chimney	Height	Minimum walls. At least 4 – 5 m high, needed for both adequate dispersion plus draft for proper air flow.
Pollution control equipment	Installing air pollution control devices (APCD)	Most frequently used controls include packed bed, venturi or other wet scrubbers, fabric filter typically used with a dry injection system, and infrequently electrostatic precipitator (ESP). Modern emission limits cannot be met without APCD.

ANNEX-2: WHO Best Practice in WTE plant - Typical Maintenance Schedule for Incinerators

Activity Frequency	Component	Procedure
Hourly	Ash removal	Inspect and clean as required
Daily	Temperature, pollution monitors, if any	Check operation
	Underfire air ports	Inspect and clean as required
	Door seals	Inspect for wear, closeness of fit, air leakage
	Ash pit	Clean after each shift
Weekly	Latches, hinges, wheels, etc.	Lubricate if applicable
Monthly	External surfaces of incinerator and chimney (stack)	Inspect external hot surfaces. White spots or discoloration may indicate loss of refractory
	Refractory	Inspect and repair minor wear with refractory cement
	Upper/secondary combustion chamber	Inspect and remove particulate matter accumulated on chamber floor
Semi-annually	Hot external surfaces	Inspect and paint with high temperature paint as required
	Ambient external surfaces	Inspect and paint as required

ANNEX 3: MALDIVES MM5 2018 METEROLOGICAL DATA SCREENSHOT PROFILE MET DATA

	Year	Month	Day	Hour	Measurement Height [m]	1, if this is the last (highest) level for this hour, or 0 otherwise	Direction the wind is blowing from for the current level [degrees]	Wind Speed for the current level [m/s]	Temperature at the current level [C]	Standard deviation of the wind direction fluctuations [degrees]	Standard deviation of the vertical wind speed fluctuations [m/s]
Min.	2018	Jan	1	1	10.0	1	0.0	0.00	24.4	99.0	99.00
Max.	2018	Dec	31	24	10.0	1	360.0	14.90	30.6	99.0	99.00
Graph									V		
1	2018	Jan	- 1	1	10.0	- 3	41:0	7.20	28.1	99.0	99.00
2	2018	Jan	1	2	10.0	- 1	38.0	6.70	27.9	99.0	99.00
3	2018	Jan	1	3	10.0	1	44.0	6.20	27.9	99.0	99.00
4	2018	Jan	1	4	10.0	1	43.0	6.70	28.0	99.0	99.00
5	2018	Jan	1	5	10.0	1	63.0	4.60	27.4	99.0	99.00
6	2018	Jan	1	6	10.0	1	62.0	4.60	27.2	99.0	99.00
7	2018	Jan	21	7	10.0	2 21	65.0	5.10	27.2	99.0	99.00
8	2018	Jan	31	8	10.0	- 1	63.0	5.10	27.4	99.0	99.00
9	2018	Jan	1	9	10.0	1	47.0	5.10	27.5	99.0	99.00
10	2018	Jan	1	10	10,0	1	51.0	4.60	27.5	99.0	99.00
- 11	2018	Jan	1	11	10.0	1	54.0	4.60	27.6	99.0	99.00
12	2018	Jan	1	12	10.0	1	46.0	4.60	27.6	99.0	99.00
13	2018	Jan	- 1	13	10.0	1	53.0	4.10	27.6	99.0	99.00
14	2018	Jan	/1	14	10.0	31	49.0	4.10	27.6	99.0	99:00
15	2018	Jan	- 3	15	10.0	- 1	52.0	4.10	27.6	99.0	99.00
16	2018	Jan	1	16	10.0	1	54.0	4.10	27.6	99.0	99.00
17	2018	Jan	1	17	10.0	1	61.0	4.10	27,6	99.0	99.00
18	2018	Jan	1	18	10.0	1	57.0	4.10	27.5	99.0	99.00

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ANNEX 4: MALDIVES MM5 2018 METEROLOGICAL DATA SCREENSHOT SURFACE MET DATA)

	Year	Month	Day	Julian Day	Hour	Surface Roughness Length [m]	Bowen Ratio	Albedo	Wind Speed - Ws [m/s]	Wind Direction - Wd [degrees]	Reference Height for Ws and Wd [m]	Temperature - temp [K]	Reference Height for temp (m)	Precipitation Code	Precipitation Rate [mm/hr]	Relative Humidity [%]	Surface Pressure [mb]	Cloud Cover [tenths]	Data Flag
Min.	2018	Jan	- 1	1	- 1	0.000	0.45	0.14	0.00	0.0	10.0	297.5	2.0	0	0.00	57.0	1004,0	2	ž
Max.	2018	Dec	31	365	24	0.000	0.45	1.00	14.90	360.0	10.0	303.8	2.0	11	48.01	98.0	1015:0	10	1
Graph						V	(V)	V	7	V	(V)	4	V	V	7	7	V	¥	
- 1	2018	Jan	- 1	1	- 1	0.000	0.45	1.00	7.20	41.0	10.0	301.2	2.0	0	0.00	76.0	1007.0		NAD-SFC NoSubs
2	2018	Jan	1	. 1	2	0.000	0.45	0.58	6.70	38.0	10.0	301.0	2.0	11	0.51	76.0	1007.0	9	4 NAD-SFC NoSubs
3	2018	Jan	1	1	3	0.000	0.45	0.25	6.20	44.0	10.0	301.0	2.0	11	1.52	76.0	1007.0	10	NAD-SFC NoSube
4	2018	Jan		1	4	0.000	0.45	0.17	6.70	43.0	10.0	301.1	2.0	11	2.54	75.0	1006.0	10	NAD-SFC NoSubs
5	2018	Jan	- 1	1	5	0.000	0.45	0.15	4.60	63.0	10.0	300.5	2.0	0	0.00	74.0	1007.0		5 NAD-SFC NoSubs
6	2018	Jan	- 1	1	6	0.000	0.45	0.14	4.60	62.0	10.0	300.4	2.0	0	0.00	74.0	1006.0	•	NAD-SFC NoSubs
7	2018	Jan	- 1	- 1	7	0.000	0.45	0.14	5 10	65.0	10.0	300.4	2.0	11	0.51	74.0	1007.0		5 NAD-SFC NoSubs
8	2018	Jan	1	1	8	0.000	0.45	0.14	5.10	63.0	10.0	300,5	2.0	11	0.51	73.0	1008.0	74	NAD-SFC NoSube
9	2018	Jan	- 1	- 1	9	0.000	0.45	0.14	5.10	47.0	10.0	300.6	2.0	0	0.00	73.0	1008.0	1	NAD-SFC NoSubs
10	2018	Jan	.1	1	10	0.000	0.45	0.15	4.60	51.0	10.0	300.6	2.0	0	0.00	72.0	1008.0	4	NAD-SFC NoSubs
11	2018	Jan	- 1	1	11	0.000	0.45	0.16	4.60	54.0	10.0	300.8	2.0	0	0.00	72.0	1009.0	1	NAD-SFC NoSubs
12	2018	Jan	- 1	1	12	0.000	0.45	0.21	4.60	46.0	10.0	300.8	2.0	0	0.00	72.0	1009.0	1	NAD-SFC NoSubs

ANNEX 5: AERMOD VER. 9.7 SAMPLE PLOT FILES

		Γ				1	ı	ı	1	1	1
AERMOD (
180											
AERMET (
180	81):										
MODELING	IONS USED:	egDFAULT	DEPOS	DRYDPL	WETDP						
OPT	R	CONC	ELEV	Τ	LT	RURA	L				
	FILE OF	1ST HIGH 1-	VALUES	SOURCE							
PLOT	HIGH	HR	FOR	GR	OUP: AL	L					
	A TOTAL OF										
FOR	16	81 RECEPTOR	S.								
	AT:	.5),2(1X,F13.6	,3(1X,F8.2)		8,2X,A5						
FORM	(2(1X,F13)	,3	X,A6,2X,A	,5	X,A8,2	X,18)				
		AVERAGE	TOTAL			ZFLA					DATE(CO
X	Υ	CONC	DEPO	ZELEV	ZHILL	G	AVE	GRP	RANK	NET ID	NC)
										UCAR	
324540	460472	2.374824	0.000061	0	0	0	1-HR	ALL	1ST	T1	18021517
										UCAR	
324640	460472	2.413572	0.000074	0	0	0	1-HR	ALL	1ST	T1	18021517
										UCAR	
324740	460472	2.535744	0.000076	0	0	0	1-HR	ALL	1ST	T1	18031323
										UCAR	
324840	460472	2.589547	0.000065	0	0	0	1-HR	ALL	1ST	T1	18111222
										UCAR	
324940	460472	2.466475	0.000078	0	0	0	1-HR	ALL	1ST	T1	18031324
										UCAR	
325040	460472	2.622971	0.000079	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325140	460472	2.901938	0.000083	0	0	0	1-HR	ALL	1ST	T1	18021524
										UCAR	
325240	460472	2.66411	0.000101	0	0	0	1-HR	ALL	1ST	T1	18021524

325340	460472	2.219997	0.00015	0	0	0	1-HR	ALL	1ST	UCAR T1	18102613
325440	460472	2.410293	0.00017	0	0	0	1-HR	ALL	1ST	UCAR T1	18102613
323440	400472	2.410293	0.00017	0	U	U	1-111	ALL	131	UCAR	10102013
325540	460472	2.662954	0.000126	0	0	0	1-HR	ALL	1ST	T1	18012416
325640	460472	2.867137	0.000093	0	0	0	1-HR	ALL	1ST	UCAR T1	18031218
323040	400472	2.007 107	0.000033	0	0	0	1-111	ALL	101	UCAR	10031210
325740	460472	3.040216	0.000094	0	0	0	1-HR	ALL	1ST	T1	18031217
325840	460472	2.76666	0.000223	0	0	0	1-HR	ALL	1ST	UCAR T1	18102616
323040	400472	2.70000	0.000223	0	U	U	1-111	ALL	131	UCAR	10102010
325940	460472	2.807048	0.000162	0	0	0	1-HR	ALL	1ST	T1	18102616
3=33.13										UCAR	
326040	460472	2.668708	0.000167	0	0	0	1-HR	ALL	1ST	T1	18012415
										UCAR	
326140	460472	2.95032	0.000173	0	0	0	1-HR	ALL	1ST	T1	18012415
326240	460472	3.06731	0.000149	0	0	0	1-HR	ALL	1ST	UCAR T1	18111219
320240	400472	3.00731	0.000149	0	U	U	I-NK	ALL	101	UCAR	10111219
326340	460472	3.149194	0.000123	0	0	0	1-HR	ALL	1ST	T1	18111219
0200.0	100112	01110101	0.000.20					,	101	UCAR	10111210
326440	460472	2.075674	0.000085	0	0	0	1-HR	ALL	1ST	T1	18032922
										UCAR	
326540	460472	2.448601	0.000051	0	0	0	1-HR	ALL	1ST	T1	18111224
000040	400.470	0.000470	0.000440				4 110		40T	UCAR	40000004
326640	460472	2.860178	0.000142	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032921
326740	460472	2.584067	0.000191	0	0	0	1-HR	ALL	1ST	T1	18102614
										UCAR	
326840	460472	2.123774	0.000092	0	0	0	1-HR	ALL	1ST	T1	18102614
				_	_	_				UCAR	
326940	460472	0.969399	0.000063	0	0	0	1-HR	ALL	1ST	T1	18022415

										UCAR	
327040	460472	2.054241	0.000155	0	0	0	1-HR	ALL	1ST	T1	18100221
										UCAR	
327140	460472	2.794409	0.000186	0	0	0	1-HR	ALL	1ST	T1	18031523
										UCAR	
327240	460472	1.988173	0.000189	0	0	0	1-HR	ALL	1ST	T1	18031601
007040	400.470	0.540050	0.0000	•			4 115		407	UCAR	40004504
327340	460472	2.513959	0.00022	0	0	0	1-HR	ALL	1ST	T1	18031524
327440	460472	2.689533	0.000178	0	0	0	1-HR	ALL	1ST	UCAR T1	18031522
327440	400472	2.009333	0.000176	0	U	U	I-HK	ALL	131	UCAR	10031322
327540	460472	2.526455	0.000121	0	0	0	1-HR	ALL	1ST	T1	18031522
327340	700772	2.020400	0.000121		0	0	1-111	ALL	101	UCAR	10031322
327640	460472	3.289062	0.000072	0	0	0	1-HR	ALL	1ST	T1	18120613
3=1010		00000								UCAR	
327740	460472	2.698515	0.000119	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327840	460472	2.282734	0.00014	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327940	460472	2.398733	0.000118	0	0	0	1-HR	ALL	1ST	T1	18112124
000040	400.470	0.004700	0.000070	0			4 115		4.OT	UCAR	40440404
328040	460472	2.661739	0.000073	0	0	0	1-HR	ALL	1ST	T1	18112124
328140	460472	2.28584	0.000087	0	0	0	1-HR	ALL	1ST	UCAR T1	18120315
320140	400472	2.20304	0.000007	0	U	0	1-111	ALL	101	UCAR	10120313
328240	460472	2.167104	0.000098	0	0	0	1-HR	ALL	1ST	T1	18111218
020210	100112	2.101101	0.00000					,	10.	UCAR	10111210
328340	460472	2.358745	0.000126	0	0	0	1-HR	ALL	1ST	T1	18111218
										UCAR	
328440	460472	2.439526	0.000125	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
328540	460472	2.830803	0.000116	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
324540	460572	2.476907	0.000044	0	0	0	1-HR	ALL	1ST	T1	18032015

324640	460572	2.411789	0.000064	0	0	0	1-HR	ALL	1ST	UCAR T1	18021517
			0.000070		0				407	UCAR	
324740	460572	2.473296	0.000078	0	0	0	1-HR	ALL	1ST	T1	18031323
324840	460572	2.536927	0.000079	0	0	0	1-HR	ALL	1ST	UCAR T1	18031323
										UCAR	
324940	460572	2.675003	0.00007	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325040	460572	2.611885	0.000084	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325140	460572	2.544284	0.000085	0	0	0	1-HR	ALL	1ST	T1	18112713
3_0110									1 - 1	UCAR	
325240	460572	3.066763	0.000102	0	0	0	1-HR	ALL	1ST	T1	18021524
020210	100012	0.0001.00	0.000102					,	1.0.	UCAR	10021021
325340	460572	2.490947	0.000105	0	0	0	1-HR	ALL	1ST	T1	18021402
020010	100012	2.100017	0.000100				1 1111	/ \	101	UCAR	10021102
325440	460572	2.170551	0.000188	0	0	0	1-HR	ALL	1ST	T1	18102613
020110	100012	2.17 000 1	0.000100				1 1111	/ \	101	UCAR	10102010
325540	460572	2.697089	0.000145	0	0	0	1-HR	ALL	1ST	T1	18012416
323340	+00012	2.037003	0.000143	0	0	0	1-1111	ALL	101	UCAR	10012410
325640	460572	2.774787	0.0001	0	0	0	1-HR	ALL	1ST	T1	18012416
323040	400372	2.114101	0.0001	0	0	U	1-1111	ALL	131	UCAR	10012410
325740	460572	2.751654	0.000089	0	0	0	1-HR	ALL	1ST	T1	18031217
323740	400372	2.731034	0.000009	0	0	U	1-1111	ALL	101	UCAR	10031217
325840	460572	2.843775	0.000191	0	0	0	1-HR	ALL	1ST	T1	18102616
323640	400372	2.043773	0.000191	0	0	U	1-IIK	ALL	101	UCAR	10102010
225040	460E70	2.042404	0.000005			_	4 110	A 1 1	4CT		10100616
325940	460572	3.012101	0.000225	0	0	0	1-HR	ALL	1ST	T1	18102616
000040	400570	0.00005	0.000440				4		407	UCAR	40040445
326040	460572	2.968065	0.000143	0	0	0	1-HR	ALL	1ST	T1	18012415
000415	400==5	0.44005.			_	_			4.0-	UCAR	100101:-
326140	460572	3.113224	0.000206	0	0	0	1-HR	ALL	1ST	T1	18012415
				_						UCAR	
326240	460572	3.126203	0.000149	0	0	0	1-HR	ALL	1ST	T1	18111219

										UCAR	
326340	460572	3.323759	0.000141	0	0	0	1-HR	ALL	1ST	T1	18111219
020040	+00012	0.020700	0.000141		0	0	1 1 11 1	/ \	101	UCAR	10111213
326440	460572	2.277121	0.000095	0	0	0	1-HR	ALL	1ST	T1	18032922
										UCAR	
326540	460572	2.570275	0.000053	0	0	0	1-HR	ALL	1ST	T1	18111224
000040	400==0	0.00000	0.000450						40-	UCAR	4000004
326640	460572	2.979753	0.000158	0	0	0	1-HR	ALL	1ST	T1	18032921
326740	460572	2.753826	0.0002	0	0	0	1-HR	ALL	1ST	UCAR T1	18102614
320740	400372	2.733020	0.0002	0	U	0	1-111	ALL	131	UCAR	10102014
326840	460572	2.027717	0.000081	0	0	0	1-HR	ALL	1ST	T1	18102614
00010										UCAR	
326940	460572	1.169945	0.000089	0	0	0	1-HR	ALL	1ST	T1	18100221
										UCAR	
327040	460572	2.460832	0.00018	0	0	0	1-HR	ALL	1ST	T1	18031523
207440	400570	0.054400	0.000400		0		4 110	A 1 1	40T	UCAR	10100015
327140	460572	2.654439	0.000192	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102615
327240	460572	2.327265	0.000193	0	0	0	1-HR	ALL	1ST	T1	18031601
021210	100012	2.027200	0.000100				1 1111	/ \	101	UCAR	10001001
327340	460572	2.500134	0.000232	0	0	0	1-HR	ALL	1ST	T1	18031524
										UCAR	
327440	460572	2.615254	0.000175	0	0	0	1-HR	ALL	1ST	T1	18031522
										UCAR	
327540	460572	3.02735	0.000084	0	0	0	1-HR	ALL	1ST	T1	18031522
327640	460572	3.252858	0.000108	0	0	0	1-HR	ALL	1ST	UCAR T1	18112124
327040	400372	3.232636	0.000106	0	U	U	I-HK	ALL	131	UCAR	10112124
327740	460572	2.325895	0.000148	0	0	0	1-HR	ALL	1ST	T1	18112124
5210			2.222.10						1.5.	UCAR	
327840	460572	2.51069	0.000139	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327940	460572	2.685712	0.000093	0	0	0	1-HR	ALL	1ST	T1	18112124

328040	460572	2.535751	0.000087	0	0	0	1-HR	ALL	1ST	UCAR T1	18120315
					-				1ST	UCAR T1	
328140	460572	2.19849	0.000096	0	0	0	1-HR	ALL	151	T1 UCAR	18111218
328240	460572	2.320417	0.000134	0	0	0	1-HR	ALL	1ST	T1	18111218
220240	400570	0.400000	0.000400	0			4 110		40T	UCAR	40400040
328340	460572	2.483393	0.000133	0	0	0	1-HR	ALL	1ST	T1	18120316
328440	460572	2.867275	0.000125	0	0	0	1-HR	ALL	1ST	UCAR T1	18120316
200540	400==0	0.040=4=							40=	UCAR	10100010
328540	460572	3.013515	0.000089	0	0	0	1-HR	ALL	1ST	T1	18120316
004540	400070	0.400057	0.000070				4 1 15		407	UCAR	40444000
324540	460672	2.480257	0.000076	0	0	0	1-HR	ALL	1ST	T1	18111220
004040	400070	0.544040	0.000040				4 110	A 1 1	407	UCAR	40000045
324640	460672	2.544249	0.000049	0	0	0	1-HR	ALL	1ST	T1	18032015
324740	460672	2.441197	0.000067	0	0	0	1-HR	ALL	1ST	UCAR T1	18021517
324740	400072	2.441191	0.000007	0	U	U	1-1111	ALL	131	UCAR	10021317
324840	460672	2.525983	0.000083	0	0	0	1-HR	ALL	1ST	T1	18031323
										UCAR	
324940	460672	2.567781	0.000082	0	0	0	1-HR	ALL	1ST	T1	18031323
										UCAR	
325040	460672	2.736948	0.00008	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325140	460672	2.777259	0.000093	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325240	460672	2.819911	0.00009	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325340	460672	3.089893	0.000115	0	0	0	1-HR	ALL	1ST	T1	18021524
60=445	4000==	0.00004=	0.0004=:				4		467	UCAR	10100015
325440	460672	2.320247	0.000151	0	0	0	1-HR	ALL	1ST	T1	18102613
225540	460670	2 240400	0.000004		_		4 110	A 1 1	10T	UCAR	10100610
325540	460672	2.249166	0.000204	0	0	0	1-HR	ALL	1ST	T1	18102613

T	1	ı	1				1			1	1
325640	460672	2.850349	0.000144	0	0	0	1-HR	ALL	1ST	UCAR T1	18012416
				-						UCAR	
325740	460672	2.921606	0.000101	0	0	0	1-HR	ALL	1ST	T1	18031218
205040	400070	0.440000	0.000404	0			4 110		40T	UCAR	40400040
325840	460672	3.140232	0.000134	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102616
325940	460672	2.997056	0.00027	0	0	0	1-HR	ALL	1ST	T1	18102616
				-						UCAR	
326040	460672	3.068161	0.000134	0	0	0	1-HR	ALL	1ST	T1	18120801
220440	400070	2 222202	0.000000	0	0		4 110	A	4CT	UCAR	10010115
326140	460672	3.236382	0.000229	0	0	0	1-HR	ALL	1ST	T1 UCAR	18012415
326240	460672	3.094962	0.000143	0	0	0	1-HR	ALL	1ST	T1	18111219
3=3=13										UCAR	
326340	460672	3.462126	0.00016	0	0	0	1-HR	ALL	1ST	T1	18111219
220440	400070	0.407470	0.000400	0	0		4 110		4 C T	UCAR	4000000
326440	460672	2.497472	0.000106	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032922
326540	460672	2.699874	0.000056	0	0	0	1-HR	ALL	1ST	T1	18092804
				-						UCAR	
326640	460672	3.09835	0.000176	0	0	0	1-HR	ALL	1ST	T1	18032921
226740	460670	2.04.4460	0.000007	0	0		4 110	A 1 1	10T	UCAR	10100614
326740	460672	2.914469	0.000207	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102614
326840	460672	1.882312	0.000074	0	0	0	1-HR	ALL	1ST	T1	18021521
										UCAR	
326940	460672	1.358637	0.000125	0	0	0	1-HR	ALL	1ST	T1	18100221
207040	460670	2 70 4202	0.000040	^	_	_	4 110	A1.1	107	UCAR	10024500
327040	460672	2.794293	0.000216	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031523
327140	460672	2.29268	0.000214	0	0	0	1-HR	ALL	1ST	T1	18031601
1=11.3		.===								UCAR	
327240	460672	2.497904	0.000243	0	0	0	1-HR	ALL	1ST	T1	18031524

										UCAR	
327340	460672	2.896369	0.000217	0	0	0	1-HR	ALL	1ST	T1	18012414
327340	+00072	2.030303	0.000217		0	0	1-111	ALL	101	UCAR	10012414
327440	460672	2.792391	0.000145	0	0	0	1-HR	ALL	1ST	T1	18031522
										UCAR	
327540	460672	3.491811	0.000092	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327640	460672	2.561642	0.000149	0	0	0	1-HR	ALL	1ST	T1	18112124
207740	400070	0.455050	0.00046				4 110	A	40T	UCAR	40440404
327740	460672	2.455956	0.00016	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112124
327840	460672	2.704715	0.000117	0	0	0	1-HR	ALL	1ST	T1	18112124
327040	400012	2.704710	0.000117		0	0	1-111	ALL	101	UCAR	10112124
327940	460672	2.768546	0.000083	0	0	0	1-HR	ALL	1ST	T1	18120315
										UCAR	
328040	460672	2.241863	0.000092	0	0	0	1-HR	ALL	1ST	T1	18111218
										UCAR	
328140	460672	2.367794	0.000142	0	0	0	1-HR	ALL	1ST	T1	18111218
200040	400070	0.540400	0.000440				4 110		40T	UCAR	40400040
328240	460672	2.516468	0.000143	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120316
328340	460672	2.982914	0.000135	0	0	0	1-HR	ALL	1ST	T1	18120316
320340	400072	2.902914	0.000133	0	0	0	1-111	ALL	101	UCAR	10120310
328440	460672	3.119754	0.000095	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
328540	460672	2.553128	0.000084	0	0	0	1-HR	ALL	1ST	T1	18042417
										UCAR	
324540	460772	2.539268	0.000095	0	0	0	1-HR	ALL	1ST	T1	18111220
004040	400770	0.500700	0.00000				4		407	UCAR	40444000
324640	460772	2.562768	0.000084	0	0	0	1-HR	ALL	1ST	T1	18111220
324740	460772	2.603724	0.000055	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
324140	400772	2.003724	0.000055	<u> </u>	0	<u> </u>	1-111	ALL	101	UCAR	10111220
324840	460772	2.460538	0.000071	0	0	0	1-HR	ALL	1ST	T1	18021517
02-10-10	100112	2.100000	3.00007 1				1 1 111	, \	1 101	1''	10021017

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324940	460772	2.568544	0.000089	0	0	0	1-HR	ALL	1ST	UCAR T1	18031323
				-						UCAR	
325040	460772	2.736606	0.000084	0	0	0	1-HR	ALL	1ST	T1	18031323
205140	460770	2.764052	0.00000	0	0		4 110	A 1 1	10T	UCAR	10110710
325140	460772	2.764052	0.00009	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112713
325240	460772	2.891013	0.000102	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325340	460772	3.16679	0.000094	0	0	0	1-HR	ALL	1ST	T1	18112713
205440	400770	0.045477	0.000447	0	0		4 110	A	4CT	UCAR	40004504
325440	460772	2.915477	0.000117	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021524
325540	460772	2.032895	0.000207	0	0	0	1-HR	ALL	1ST	T1	18102613
										UCAR	
325640	460772	2.624634	0.000179	0	0	0	1-HR	ALL	1ST	T1	18102613
205740	400770	0.000050	0.00044	0	0		4 110	A	40T	UCAR	40040440
325740	460772	2.862059	0.00011	0	0	0	1-HR	ALL	1ST	T1 UCAR	18012416
325840	460772	2.980309	0.000106	0	0	0	1-HR	ALL	1ST	T1	18031217
										UCAR	
325940	460772	2.843978	0.000269	0	0	0	1-HR	ALL	1ST	T1	18102616
200040	400770	0.447000	0.000400	•			4 115		407	UCAR	40400040
326040	460772	3.147629	0.000188	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102616
326140	460772	3.167473	0.000236	0	0	0	1-HR	ALL	1ST	T1	18012415
020110	100772	0.101110	0.000200					,	101	UCAR	10012110
326240	460772	3.264755	0.000144	0	0	0	1-HR	ALL	1ST	T1	18012415
0000/5	400===	0.5400:5	0.00045.	_	_				40-	UCAR	101110:5
326340	460772	3.543019	0.000181	0	0	0	1-HR	ALL	1ST	T1	18111219
326440	460772	2.735695	0.000118	0	0	0	1-HR	ALL	1ST	UCAR T1	18032922
020440	700112	2.700000	0.000110	U	<u> </u>	<u> </u>	1-1113	/ \	101	UCAR	10002022
326540	460772	2.83701	0.000061	0	0	0	1-HR	ALL	1ST	T1	18092804

										UCAR	
326640	460772	3.212116	0.000196	0	0	0	1-HR	ALL	1ST	T1	18032921
										UCAR	
326740	460772	3.05429	0.00021	0	0	0	1-HR	ALL	1ST	T1	18102614
				_	_					UCAR	
326840	460772	1.684929	0.000075	0	0	0	1-HR	ALL	1ST	T1	18021521
226040	460770	1 662420	0.000463	0	^	_	4 110	A 1 1	10T	UCAR	10100001
326940	460772	1.663129	0.000163	0	0	0	1-HR	ALL	1ST	T1 UCAR	18100221
327040	460772	2.955724	0.000241	0	0	0	1-HR	ALL	1ST	T1	18031523
321040	400772	2.555724	0.000241	0	0	0	1-111	ALL	101	UCAR	10001020
327140	460772	1.901688	0.000239	0	0	0	1-HR	ALL	1ST	T1	18031601
										UCAR	
327240	460772	2.474966	0.000287	0	0	0	1-HR	ALL	1ST	T1	18031524
										UCAR	
327340	460772	2.890422	0.000215	0	0	0	1-HR	ALL	1ST	T1	18031522
				_	_	_				UCAR	
327440	460772	3.374517	0.000096	0	0	0	1-HR	ALL	1ST	T1	18031522
207540	400770	2 200450	0.00044	0	0		4 110		4 C T	UCAR	40440404
327540	460772	3.260158	0.00014	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112124
327640	460772	2.19033	0.000177	0	0	0	1-HR	ALL	1ST	T1	18112124
327040	400772	2.19000	0.000177	0	0	0	1-111	ALL	101	UCAR	10112124
327740	460772	2.685471	0.000146	0	0	0	1-HR	ALL	1ST	T1	18112124
02.770										UCAR	
327840	460772	2.954873	0.000083	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327940	460772	2.25429	0.000102	0	0	0	1-HR	ALL	1ST	T1	18120315
				_	_					UCAR	
328040	460772	2.532223	0.00015	0	0	0	1-HR	ALL	1ST	T1	18111218
000440	400770	0.54707	0.000450	2	_		4 115		407	UCAR	40400040
328140	460772	2.54737	0.000153	0	0	0	1-HR	ALL	1ST	T1	18120316
220240	460770	2 101019	0.000146	0	0	0	1-HR	A1.1	1ST	UCAR T1	19120216
328240	460772	3.101918	0.000146	U	0	l U	I-UK	ALL	101	111	18120316

										UCAR	
328340	460772	3.225295	0.000101	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
328440	460772	2.66197	0.000088	0	0	0	1-HR	ALL	1ST	T1	18042417
										UCAR	
328540	460772	3.033928	0.000093	0	0	0	1-HR	ALL	1ST	T1	18092815
224540	460070	0.47500	0.000000	0	_		4 110	A 1 1	1ST	UCAR T1	10111000
324540	460872	2.47522	0.000083	0	0	0	1-HR	ALL	151	UCAR	18111220
324640	460872	2.631176	0.000102	0	0	0	1-HR	ALL	1ST	T1	18111220
021010	100072	2.001170	0.000102	0			1 1111	712	101	UCAR	10111220
324740	460872	2.645015	0.000094	0	0	0	1-HR	ALL	1ST	T1	18111220
										UCAR	
324840	460872	2.6514	0.000062	0	0	0	1-HR	ALL	1ST	T1	18111220
										UCAR	
324940	460872	2.495426	0.000075	0	0	0	1-HR	ALL	1ST	T1	18021517
205040	400070	0.50700	0.000000		_		4 110	A 1 1	40T	UCAR	40004000
325040	460872	2.59702	0.000096	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031323
325140	460872	2.904373	0.000086	0	0	0	1-HR	ALL	1ST	T1	18031323
020140	400072	2.50+070	0.000000		0	0	1 1111	/ \	101	UCAR	10001020
325240	460872	2.742096	0.000103	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325340	460872	2.921093	0.000112	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325440	460872	3.408148	0.000116	0	0	0	1-HR	ALL	1ST	T1	18021524
005540	400070	0.005007	0.000444				4 115		407	UCAR	10100010
325540	460872	2.835267	0.000141	0	0	0	1-HR	ALL	1ST	T1	18102613
325640	460872	2.31975	0.000243	0	0	0	1-HR	ALL	1ST	UCAR T1	18102613
323040	400072	2.51975	0.000243	U	0	0	1-111	ALL	101	UCAR	10102013
325740	460872	3.026894	0.000165	0	0	0	1-HR	ALL	1ST	T1	18012416
3=3:.0										UCAR	
325840	460872	2.897978	0.000111	0	0	0	1-HR	ALL	1ST	T1	18031218

325940	460872	3.060215	0.000214	0	0	0	1-HR	ALL	1ST	UCAR T1	18102616
					-					UCAR	
326040	460872	3.435097	0.000279	0	0	0	1-HR	ALL	1ST	T1	18102616
										UCAR	
326140	460872	2.950693	0.000219	0	0	0	1-HR	ALL	1ST	T1	18012415
										UCAR	
326240	460872	3.322787	0.000198	0	0	0	1-HR	ALL	1ST	T1	18012415
										UCAR	
326340	460872	3.540337	0.000201	0	0	0	1-HR	ALL	1ST	T1	18111219
										UCAR	
326440	460872	2.988556	0.000132	0	0	0	1-HR	ALL	1ST	T1	18032922
										UCAR	
326540	460872	2.980708	0.000065	0	0	0	1-HR	ALL	1ST	T1	18092804
										UCAR	
326640	460872	3.31546	0.000218	0	0	0	1-HR	ALL	1ST	T1	18032921
										UCAR	
326740	460872	3.156816	0.00021	0	0	0	1-HR	ALL	1ST	T1	18102614
										UCAR	
326840	460872	1.438362	0.000072	0	0	0	1-HR	ALL	1ST	T1	18021521
					_	_				UCAR	
326940	460872	2.146125	0.000197	0	0	0	1-HR	ALL	1ST	T1	18031523
020010			0.000.01							UCAR	1000.020
327040	460872	2.845	0.000244	0	0	0	1-HR	ALL	1ST	T1	18031523
32.010	1000.2	2.0.0	0.0002					,	101	UCAR	10001020
327140	460872	2.262851	0.000247	0	0	0	1-HR	ALL	1ST	T1	18031524
027110	100012	2.202001	0.000217	J	ı			, , ,	101	UCAR	10001021
327240	460872	3.056728	0.000267	0	0	0	1-HR	ALL	1ST	T1	18012414
321240	+00072	3.030720	0.000207	0	0	0	1-1111	ALL	101	UCAR	10012414
327340	460872	3.09869	0.000177	0	0	0	1-HR	ALL	1ST	T1	18031522
321340	400072	3.03009	0.000177	<u> </u>	0	0	1-1111	ALL	101	UCAR	10031322
227440	460872	3.645706	0.000121	0	0	0	1-HR	ALL	1ST	T1	10110104
327440	400072	3.043700	0.000121	0	U	U	1-111	ALL	101		18112124
207540	460070	0.000540	0.000405	_	_	_	4 110	ΛΙΙ	10T	UCAR	10110101
327540	460872	2.323518	0.000185	0	0	0	1-HR	ALL	1ST	T1	18112124

										UCAR	
327640	460872	2.504975	0.000176	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327740	460872	3.05333	0.000109	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327840	460872	2.452437	0.000109	0	0	0	1-HR	ALL	1ST	T1	18120315
007040	400070	0.007457	0.000450				4 1 15		400	UCAR	10111010
327940	460872	2.697457	0.000156	0	0	0	1-HR	ALL	1ST	T1	18111218
328040	460872	2.641707	0.000165	0	0	0	1-HR	ALL	1ST	UCAR T1	18120316
320040	400072	2.041707	0.000105	0	U	U	I-UK	ALL	101	UCAR	10120310
328140	460872	3.222615	0.000159	0	0	0	1-HR	ALL	1ST	T1	18120316
020140	+00072	0.222010	0.000100	<u> </u>			1-111	/\	101	UCAR	10120010
328240	460872	3.327254	0.000107	0	0	0	1-HR	ALL	1ST	T1	18120316
0=0=10	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									UCAR	
328340	460872	2.763912	0.000092	0	0	0	1-HR	ALL	1ST	T1	18042417
										UCAR	
328440	460872	3.1449	0.000104	0	0	0	1-HR	ALL	1ST	T1	18092815
										UCAR	
328540	460872	2.764726	0.000108	0	0	0	1-HR	ALL	1ST	T1	18092815
004540	400070	0.500.475	0.0004				4 115		407	UCAR	10000511
324540	460972	2.560175	0.0001	0	0	0	1-HR	ALL	1ST	T1	18030514
324640	460972	2.494151	0.000081	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
324040	400972	2.494131	0.000061	0	U	U	I-IIK	ALL	131	UCAR	10111220
324740	460972	2.691251	0.000107	0	0	0	1-HR	ALL	1ST	T1	18111220
02-17-10	100012	2.001201	0.000101	<u> </u>	0		1 1111	7122	101	UCAR	10111220
324840	460972	2.704401	0.000104	0	0	0	1-HR	ALL	1ST	T1	18111220
										UCAR	
324940	460972	2.682114	0.000071	0	0	0	1-HR	ALL	1ST	T1	18111220
										UCAR	
325040	460972	2.626936	0.00008	0	0	0	1-HR	ALL	1ST	T1	18021517
										UCAR	
325140	460972	2.6064	0.000103	0	0	0	1-HR	ALL	1ST	T1	18031323

325240	460972	3.062609	0.00009	0	0	0	1-HR	ALL	1ST	UCAR T1	18112713
					0				407	UCAR	
325340	460972	2.749911	0.000117	0	0	0	1-HR	ALL	1ST	T1	18112713
325440	460972	2.857044	0.000121	0	0	0	1-HR	ALL	1ST	UCAR T1	18112713
										UCAR	
325540	460972	3.447838	0.000136	0	0	0	1-HR	ALL	1ST	T1	18021524
										UCAR	
325640	460972	2.489146	0.000218	0	0	0	1-HR	ALL	1ST	T1	18102613
					_	_				UCAR	
325740	460972	2.938728	0.000225	0	0	0	1-HR	ALL	1ST	T1	18102613
020110	100012	2.0001.20	0.000220					, ,,	101	UCAR	10102010
325840	460972	2.888626	0.000122	0	0	0	1-HR	ALL	1ST	T1	18012416
323040	+00312	2.000020	0.000122	0	0	0	1-111	ALL	101	UCAR	10012410
325940	460972	3.264591	0.000129	0	0	0	1-HR	ALL	1ST	T1	18102616
323940	400972	3.204391	0.000129	0	0	U	1-1111	ALL	131	UCAR	10102010
326040	460070	2 24226	0.000242		0	0	1-HR	A 1 1	1ST	T1	19102616
320040	460972	3.34226	0.000342	0	U	U	I-HK	ALL	151		18102616
000440	400070	0.074050	0.000470				4 110	A 1 1	407	UCAR	40040445
326140	460972	3.271353	0.000176	0	0	0	1-HR	ALL	1ST	T1	18012415
				_	_	_				UCAR	
326240	460972	3.31234	0.000258	0	0	0	1-HR	ALL	1ST	T1	18012415
										UCAR	
326340	460972	3.542907	0.000219	0	0	0	1-HR	ALL	1ST	T1	18111219
										UCAR	
326440	460972	3.249185	0.000147	0	0	0	1-HR	ALL	1ST	T1	18032922
										UCAR	
326540	460972	3.129085	0.00007	0	0	0	1-HR	ALL	1ST	T1	18092804
										UCAR	
326640	460972	3.400422	0.000242	0	0	0	1-HR	ALL	1ST	T1	18032921
										UCAR	
326740	460972	3.19997	0.000203	0	0	0	1-HR	ALL	1ST	T1	18102614
3230	.000.2	2.10001	2.230200					_	1.51	UCAR	10.020.1
326840	460972	1.153428	0.000092	0	0	0	1-HR	ALL	1ST	T1	18022415
020040	100012	1.100 120	3.00000Z	<u> </u>			1 1 111 1	, \	1.01	1 ' '	10022110

										UCAR	
326940	460972	2.625634	0.00026	0	0	0	1-HR	ALL	1ST	T1	18031523
										UCAR	
327040	460972	2.426231	0.000276	0	0	0	1-HR	ALL	1ST	T1	18031601
				_	_	_				UCAR	
327140	460972	2.294318	0.000343	0	0	0	1-HR	ALL	1ST	T1	18031524
007040	400070	0.400450	0.000007	0	0		4 115		40T	UCAR	40004500
327240	460972	3.166153	0.000267	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031522
327340	460972	3.774293	0.000111	0	0	0	1-HR	ALL	1ST	T1	18031522
327340	400912	3.114293	0.000111	0	0	0	1-1111	ALL	101	UCAR	10031322
327440	460972	3.125776	0.000181	0	0	0	1-HR	ALL	1ST	T1	18112124
526		01.120110						7 1	1.0.	UCAR	10112121
327540	460972	2.309048	0.000206	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327640	460972	3.012108	0.000143	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327740	460972	2.775257	0.000114	0	0	0	1-HR	ALL	1ST	T1	18120315
007040	400070	0.05.4705	0.000404				4 115		407	UCAR	10111010
327840	460972	2.854705	0.000161	0	0	0	1-HR	ALL	1ST	T1	18111218
327940	460972	2.727822	0.000170	0	0	0	1-HR	A 1 1	1ST	UCAR T1	10120216
327940	460972	2.121022	0.000178	0	U	U	I-HK	ALL	101	UCAR	18120316
328040	460972	3.342406	0.000173	0	0	0	1-HR	ALL	1ST	T1	18120316
020010	100012	0.012100	0.000170	0			1 1111	/ LL	101	UCAR	10120010
328140	460972	3.421477	0.000115	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
328240	460972	2.852763	0.000097	0	0	0	1-HR	ALL	1ST	T1	18042417
										UCAR	
328340	460972	3.218742	0.000115	0	0	0	1-HR	ALL	1ST	T1	18092815
				_		_				UCAR	
328440	460972	2.688098	0.000113	0	0	0	1-HR	ALL	1ST	T1	18092815
200542	400070	0.540000	0.0004	_	_		4 115		407	UCAR	40004000
328540	460972	2.513606	0.0001	0	0	0	1-HR	ALL	1ST	T1	18091622

										UCAR	
324540	461072	2.583947	0.000088	0	0	0	1-HR	ALL	1ST	T1	18030514
										UCAR	
324640	461072	2.645089	0.000109	0	0	0	1-HR	ALL	1ST	T1	18030514
				_	_					UCAR	
324740	461072	2.472379	0.00009	0	0	0	1-HR	ALL	1ST	T1	18030514
204040	404070	0.704004	0.000440	0	_		4 110		4 C T	UCAR	40444000
324840	461072	2.704681	0.000112	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111220
324940	461072	2.866955	0.000116	0	0	0	1-HR	ALL	1ST	T1	18111220
324340	401072	2.000333	0.000110	0	0	0	1-111	ALL	101	UCAR	10111220
325040	461072	2.689177	0.000081	0	0	0	1-HR	ALL	1ST	T1	18111220
				_						UCAR	
325140	461072	2.76288	0.000085	0	0	0	1-HR	ALL	1ST	T1	18021517
										UCAR	
325240	461072	2.590451	0.000111	0	0	0	1-HR	ALL	1ST	T1	18031323
				_	_					UCAR	
325340	461072	3.198165	0.000104	0	0	0	1-HR	ALL	1ST	T1	18112713
325440	461072	2.962379	0.000132	0	0	0	1-HR	ALL	1ST	UCAR T1	18112713
323440	461072	2.902379	0.000132	0	U	U	I-IIK	ALL	101	UCAR	10112/13
325540	461072	3.321823	0.000129	0	0	0	1-HR	ALL	1ST	T1	18112713
020040	401072	0.021020	0.000123	0	0	0	1-1113	/ \	101	UCAR	10112710
325640	461072	3.365326	0.000138	0	0	0	1-HR	ALL	1ST	T1	18021524
										UCAR	
325740	461072	2.411346	0.000286	0	0	0	1-HR	ALL	1ST	T1	18102613
										UCAR	
325840	461072	3.197154	0.000193	0	0	0	1-HR	ALL	1ST	T1	18012416
005015	4040-5	0.000/55	0.000:-	_	_	_			4.07	UCAR	10001015
325940	461072	3.328123	0.00012	0	0	0	1-HR	ALL	1ST	T1	18031218
226040	464070	2.266024	0.000000	_	_	_	4 110	A 1 1	101	UCAR	10100610
326040	461072	3.366931	0.000328	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102616
326140	461072	3.444148	0.000216	0	0	0	1-HR	ALL	1ST	T1	18102616
320140	4010/2	J. 444 140	0.000210	U	l U	U	1-1111	/\LL	101	111	10102010

326240	461072	3.644026	0.000309	0	0	0	1-HR	ALL	1ST	UCAR T1	18012415
020210	101012	0.011020	0.00000					7122	101	UCAR	10012110
326340	461072	3.643019	0.000232	0	0	0	1-HR	ALL	1ST	T1	18111219
200440	404070	0.540404	0.000404				4 110		407	UCAR	4000000
326440	461072	3.516124	0.000161	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032922
326540	461072	3.27887	0.000077	0	0	0	1-HR	ALL	1ST	T1	18092804
										UCAR	
326640	461072	3.455873	0.000271	0	0	0	1-HR	ALL	1ST	T1	18102614
226740	464070	2 156006	0.000107	0	0	0	1-HR	A11	1ST	UCAR T1	19100614
326740	461072	3.156096	0.000187	0	U	U	I-NK	ALL	131	UCAR	18102614
326840	461072	1.152107	0.000136	0	0	0	1-HR	ALL	1ST	T1	18100221
										UCAR	
326940	461072	2.950105	0.000316	0	0	0	1-HR	ALL	1ST	T1	18031523
327040	461072	1.755145	0.00031	0	0	0	1-HR	ALL	1ST	UCAR T1	18031601
327040	401072	1.733143	0.00031	0	0	0	1-111	ALL	101	UCAR	10031001
327140	461072	3.101262	0.000357	0	0	0	1-HR	ALL	1ST	T1	18031524
										UCAR	
327240	461072	3.440199	0.00022	0	0	0	1-HR	ALL	1ST	T1	18031522
327340	461072	3.693376	0.000162	0	0	0	1-HR	ALL	1ST	UCAR T1	18112124
021040	401072	0.000070	0.000102	0		0	1-111	/\	101	UCAR	10112124
327440	461072	1.965361	0.000229	0	0	0	1-HR	ALL	1ST	T1	18112124
227742	4040=0	0.044004	0.000404						40=	UCAR	10110101
327540	461072	3.014321	0.000184	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112124
327640	461072	3.070119	0.000112	0	0	0	1-HR	ALL	1ST	T1	18120315
32.310	101012	0.0.0110	5.555.1 <u>Z</u>						1.0.	UCAR	.0.20010
327740	461072	2.989758	0.000162	0	0	0	1-HR	ALL	1ST	T1	18111218
007040	404070	0.700070	0.000404	_		_	4 1 15		407	UCAR	40400040
327840	461072	2.798973	0.000191	0	0	0	1-HR	ALL	1ST	T1	18120316

										UCAR	
327940	461072	3.457357	0.00019	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
328040	461072	3.50206	0.000123	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
328140	461072	2.985164	0.0001	0	0	0	1-HR	ALL	1ST	T1	18042417
				_	_	_				UCAR	
328240	461072	3.238437	0.000126	0	0	0	1-HR	ALL	1ST	T1	18092815
222240	404070	0.740000	0.000445				4 110	A 1 1	4CT	UCAR	40000045
328340	461072	2.719699	0.000115	0	0	0	1-HR	ALL	1ST	T1 UCAR	18092815
328440	461072	2.489054	0.000114	0	0	0	1-HR	ALL	1ST	T1	18091622
320440	401072	2.409034	0.000114	0	0	U	1-111	ALL	131	UCAR	10091022
328540	461072	2.692771	0.000101	0	0	0	1-HR	ALL	1ST	T1	18091622
020010	101012	2.002771	0.000101					, ,,	101	UCAR	10001022
324540	461172	2.794312	0.000103	0	0	0	1-HR	ALL	1ST	T1	18022724
										UCAR	
324640	461172	2.721636	0.000092	0	0	0	1-HR	ALL	1ST	T1	18022724
										UCAR	
324740	461172	2.674596	0.000113	0	0	0	1-HR	ALL	1ST	T1	18030514
										UCAR	
324840	461172	2.57506	0.000108	0	0	0	1-HR	ALL	1ST	T1	18030514
204040	404470	0.050740	0.000445				4 110		40T	UCAR	40444000
324940	461172	2.653719	0.000115	0	0	0	1-HR	ALL	1ST	T1	18111220
325040	461172	3.031578	0.000129	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
323040	401172	3.031376	0.000129	0	0	U	1-111	ALL	131	UCAR	10111220
325140	461172	2.721107	0.000093	0	0	0	1-HR	ALL	1ST	T1	18111220
020110	101112	2.721107	0.000000				1 1111	, ,,	101	UCAR	10111220
325240	461172	2.900208	0.000091	0	0	0	1-HR	ALL	1ST	T1	18021517
										UCAR	
325340	461172	2.638842	0.00012	0	0	0	1-HR	ALL	1ST	T1	18031323
										UCAR	
325440	461172	3.29132	0.000122	0	0	0	1-HR	ALL	1ST	T1	18112713

										UCAR	
325540	461172	3.093714	0.000149	0	0	0	1-HR	ALL	1ST	T1	18112713
	-			_						UCAR	
325640	461172	3.662158	0.000135	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325740	461172	3.161389	0.000213	0	0	0	1-HR	ALL	1ST	T1	18102613
										UCAR	
325840	461172	3.272087	0.000288	0	0	0	1-HR	ALL	1ST	T1	18102613
					_					UCAR	
325940	461172	2.914746	0.000141	0	0	0	1-HR	ALL	1ST	T1	18031218
000040	404470	0.500000	0.00000				4 115		407	UCAR	40400040
326040	461172	3.503338	0.000229	0	0	0	1-HR	ALL	1ST	T1	18102616
206440	464470	2 047742	0.000255		0	_	4 110	A 1 1	4CT	UCAR	10100616
326140	461172	3.847743	0.000355	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102616
326240	461172	3.722878	0.000331	0	0	0	1-HR	ALL	1ST	T1	18012415
320240	401172	3.122010	0.000331	0	U	0	1-1111	ALL	101	UCAR	10012413
326340	461172	3.633456	0.000234	0	0	0	1-HR	ALL	1ST	T1	18111219
0200-10	101172	0.000100	0.000201		0	0	1 1111	/ \	101	UCAR	10111210
326440	461172	3.789207	0.000175	0	0	0	1-HR	ALL	1ST	T1	18032922
5_01,10										UCAR	
326540	461172	3.424681	0.000084	0	0	0	1-HR	ALL	1ST	T1	18092804
										UCAR	
326640	461172	3.466598	0.00031	0	0	0	1-HR	ALL	1ST	T1	18102614
										UCAR	
326740	461172	2.994152	0.000163	0	0	0	1-HR	ALL	1ST	T1	18102614
										UCAR	
326840	461172	1.502837	0.000197	0	0	0	1-HR	ALL	1ST	T1	18100221
										UCAR	
326940	461172	2.934707	0.000338	0	0	0	1-HR	ALL	1ST	T1	18031523
	,	,				_				UCAR	
327040	461172	1.886292	0.000378	0	0	0	1-HR	ALL	1ST	T1	18031524
007440	4044=0	0.005400	0.00005		_		4		407	UCAR	10004500
327140	461172	3.395402	0.000337	0	0	0	1-HR	ALL	1ST	T1	18031522

327240												
327340	327240	461172	4.213359	0.000128	0	0	0	1-HR	ALL	1ST	UCAR T1	18031522
327440 461172 2.778081 0.00023 0 0 0 1-HR ALL 1ST T1 18112124						-						
327440	327340	4611/2	2.776202	0.000236	0	U	U	1-HK	ALL	151		18112124
327540 461172 3.277369 0.000127 0 0 0 1-HR ALL 1ST T1 18112124 327640 461172 3.080646 0.00016 0 0 0 1-HR ALL 1ST T1 18111218 327740 461172 2.845496 0.000206 0 0 0 1-HR ALL 1ST T1 18120316 327840 461172 3.561634 0.000209 0 0 0 1-HR ALL 1ST T1 18120316 327840 461172 3.561634 0.000209 0 0 0 1-HR ALL 1ST T1 18120316 327940 461172 3.560719 0.000131 0 0 0 1-HR ALL 1ST T1 18120316 328040 461172 3.147541 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328140 461172 3.183592 0.000137 0 0 0 1-HR ALL 1ST T1 18092815 328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000125 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18092802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802	327440	461172	2.778081	0.00023	0	0	0	1-HR	ALL	1ST		18112124
327540											UCAR	
327640 461172 3.080646 0.00016 0 0 0 1-HR ALL 1ST T1 18111218	327540	461172	3.277369	0.000127	0	0	0	1-HR	ALL	1ST	T1	18112124
327740 461172 2.845496 0.000206 0 0 0 1-HR ALL 1ST T1 18120316 327840 461172 3.561634 0.000209 0 0 0 1-HR ALL 1ST T1 18120316 327940 461172 3.560719 0.000131 0 0 0 1-HR ALL 1ST T1 18120316 328040 461172 3.147541 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328140 461172 3.183592 0.000137 0 0 0 1-HR ALL 1ST T1 18092815 328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328340 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18052802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802	007040	404470	0.000040	0.00040				4 115		407		10111010
327740	327640	4611/2	3.080646	0.00016	0	0	0	1-HK	ALL	151		18111218
327840 461172 3.561634 0.000209 0 0 0 1-HR ALL 1ST T1 18120316 327940 461172 3.560719 0.000131 0 0 0 1-HR ALL 1ST T1 18120316 328040 461172 3.147541 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328140 461172 3.183592 0.000137 0 0 0 1-HR ALL 1ST T1 18092815 328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18091622 328540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18092802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR 18091622	227740	464470	0.045406	0.000006		_		4 110	A 1 1	10T		10100016
327840	327740	401172	2.845496	0.000206	U	U	U	I-HK	ALL	151		18120316
327940 461172 3.560719 0.000131 0 0 0 1-HR ALL 1ST T1 18120316	007040	404470	0.704004							40-		10100010
327940 461172 3.560719 0.000131 0 0 0 1-HR ALL 1ST T1 18120316	327840	4611/2	3.561634	0.000209	0	0	0	1-HK	ALL	151		18120316
328040 461172 3.147541 0.000115 0 0 0 1-HR ALL 1ST T1 18092815												
328040 461172 3.147541 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328140 461172 3.183592 0.000137 0 0 0 1-HR ALL 1ST T1 18092815 328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.963327 0.000125 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR 18092815	327940	461172	3.560719	0.000131	0	0	0	1-HR	ALL	1ST		18120316
328140 461172 3.183592 0.000137 0 0 0 1-HR ALL 1ST T1 18092815 328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR UCAR UCAR UCAR UCAR UCAR UCAR IN INTITUTE INTITUTE IN ITUTE IN IN												
328140 461172 3.183592 0.000137 0 0 0 1-HR ALL 1ST T1 18092815 328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR 181 18022802	328040	461172	3.147541	0.000115	0	0	0	1-HR	ALL	1ST		18092815
328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815											UCAR	
328240 461172 2.747014 0.000115 0 0 0 1-HR ALL 1ST T1 18092815 328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802	328140	461172	3.183592	0.000137	0	0	0	1-HR	ALL	1ST		18092815
328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 1-HR ALL 1ST T1 18022802											UCAR	
328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802	328240	461172	2.747014	0.000115	0	0	0	1-HR	ALL	1ST	T1	18092815
328340 461172 2.624304 0.000124 0 0 0 1-HR ALL 1ST T1 18091622 328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802											UCAR	
328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR UCAR UCAR UCAR UCAR UCAR UCAR UCAR	328340	461172	2.624304	0.000124	0	0	0	1-HR	ALL	1ST		18091622
328440 461172 2.964987 0.000089 0 0 0 1-HR ALL 1ST T1 18091622 328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR UCAR UCAR UCAR UCAR UCAR											UCAR	
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328540 461172 2.988114 0.000108 0 0 0 1-HR ALL 1ST T1 18052614 324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR UCAR UCAR UCAR UCAR		-					_				UCAR	
324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR T1 18022802	328540	461172	2.988114	0.000108	0	0	0	1-HR	ALL	1ST		18052614
324540 461272 2.663327 0.000125 0 0 0 1-HR ALL 1ST T1 18022802 324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR UCAR	0200.0			0.000.00						1		
324640 461272 2.686706 0.000119 0 0 0 1-HR ALL 1ST T1 18022802 UCAR	324540	461272	2.663327	0.000125	0	0	0	1-HR	ALL	1ST		18022802
324640 461272 2.686706 0.000119 0 0 1-HR ALL 1ST T1 18022802 UCAR												
UCAR	324640	461272	2.686706	0.000119	0	0	0	1-HR	ALL	1ST		18022802
	324740	461272	2.936069	0.000113	0	0	0	1-HR	ALL	1ST		18022724

324840	461272	2.714649	0.000109	0	0	0	1-HR	ALL	1ST	UCAR T1	18030514
324940	461272	2.713992	0.000126	0	0	0	1-HR	ALL	1ST	UCAR T1	18030514
324940	401272	2.7 13992	0.000120	0	0	0	1-1111	ALL	101	UCAR	10030314
325040	461272	2.51912	0.000115	0	0	0	1-HR	ALL	1ST	T1	18111220
325140	461272	3.157534	0.000142	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
325240	461272	2.716982	0.000107	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
325340	461272	3.033793	0.000097	0	0	0	1-HR	ALL	1ST	UCAR T1	18021517
323310	101212	0.000100	0.000001					, , , ,		UCAR	10021011
325440	461272	2.702049	0.00013	0	0	0	1-HR	ALL	1ST	T1	18031323
325540	461272	3.313683	0.000144	0	0	0	1-HR	ALL	1ST	UCAR T1	18112713
225640	464070	2.070727	0.000167	0	0	0	1-HR	A 1 1	1ST	UCAR T1	10110710
325640	461272	3.079727	0.000167	0	U	U	I-HK	ALL	181	UCAR	18112713
325740	461272	3.709397	0.000165	0	0	0	1-HR	ALL	1ST	T1	18021524
335940	464070	2 51044	0.000227	0	0	0	1-HR	ALL	1ST	UCAR T1	10100610
325840	461272	2.51044	0.000327	0	U	U	I-NK	ALL	131	UCAR	18102613
325940	461272	3.689148	0.00023	0	0	0	1-HR	ALL	1ST	T1	18012416
200040	404070	0.050500	0.000440	0	0	0	4 110	A. I. I	407	UCAR	40004047
326040	461272	3.852586	0.000142	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031217
326140	461272	3.639492	0.000449	0	0	0	1-HR	ALL	1ST	T1	18102616
				_	_	_				UCAR	
326240	461272	3.410879	0.000301	0	0	0	1-HR	ALL	1ST	T1	18012415
326340	461272	3.386047	0.000221	0	0	0	1-HR	ALL	1ST	UCAR T1	18111219
200442	404070	4.045750	0.000407	_		_	4 115		407	UCAR	40000000
326440	461272	4.015753	0.000187	0	0	0	1-HR	ALL	1ST	T1	18032922

										UCAR	
326540	461272	3.557938	0.000092	0	0	0	1-HR	ALL	1ST	T1	18092804
										UCAR	
326640	461272	3.41245	0.000353	0	0	0	1-HR	ALL	1ST	T1	18102614
222742	404070		0.000404						4.0-	UCAR	10100011
326740	461272	2.686232	0.000131	0	0	0	1-HR	ALL	1ST	T1	18102614
326840	461272	2.046977	0.000289	0	0	0	1-HR	ALL	1ST	UCAR T1	18031523
320040	401272	2.040911	0.000209	U	U	0	1-111	ALL	131	UCAR	10031323
326940	461272	2.449942	0.000368	0	0	0	1-HR	ALL	1ST	T1	18031601
0200.0			0.00000						1.0.	UCAR	10001001
327040	461272	2.910581	0.000479	0	0	0	1-HR	ALL	1ST	T1	18031524
										UCAR	
327140	461272	3.790621	0.00028	0	0	0	1-HR	ALL	1ST	T1	18031522
				_	_					UCAR	
327240	461272	3.709466	0.00022	0	0	0	1-HR	ALL	1ST	T1	18112124
327340	461272	2.247166	0.000274	0	0	0	1-HR	ALL	1ST	UCAR T1	18112124
327340	401272	2.247 100	0.000274	U	U	U	I-HK	ALL	131	UCAR	10112124
327440	461272	3.307734	0.000175	0	0	0	1-HR	ALL	1ST	T1	18112124
027.110	101212	0.001.101	0.000110	<u> </u>				,	10.	UCAR	10112121
327540	461272	3.095057	0.000151	0	0	0	1-HR	ALL	1ST	T1	18111218
										UCAR	
327640	461272	3.049309	0.000227	0	0	0	1-HR	ALL	1ST	T1	18111218
				_	_	_				UCAR	
327740	461272	3.646716	0.00023	0	0	0	1-HR	ALL	1ST	T1	18120316
227040	464070	2 505002	0.00014	0	^	_	4 110	A 1 1	1CT	UCAR	10100016
327840	461272	3.585992	0.00014	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120316
327940	461272	3.271646	0.000132	0	0	0	1-HR	ALL	1ST	T1	18092815
327340	701212	3.27 1040	0.000102	0			1-111	/12	101	UCAR	10032013
328040	461272	3.031948	0.000147	0	0	0	1-HR	ALL	1ST	T1	18092815
										UCAR	
328140	461272	2.706537	0.000125	0	0	0	1-HR	ALL	1ST	T1	18091622

328240	461272	2.943103	0.000124	0	0	0	1-HR	ALL	1ST	UCAR T1	18091622
					-					UCAR	
328340	461272	3.155661	0.000101	0	0	0	1-HR	ALL	1ST	T1	18052614
328440	461272	3.049507	0.000127	0	0	0	1-HR	ALL	1ST	UCAR T1	18052614
320440	401272	3.049307	0.000121	U	0	U	1-1111	ALL	101	UCAR	10032014
328540	461272	2.68805	0.000138	0	0	0	1-HR	ALL	1ST	T1	18091621
										UCAR	
324540	461372	2.848412	0.000154	0	0	0	1-HR	ALL	1ST	T1	18102617
										UCAR	
324640	461372	2.901839	0.00012	0	0	0	1-HR	ALL	1ST	T1	18030515
										UCAR	
324740	461372	2.719045	0.00014	0	0	0	1-HR	ALL	1ST	T1	18022802
										UCAR	
324840	461372	2.933886	0.000119	0	0	0	1-HR	ALL	1ST	T1	18022723
										UCAR	
324940	461372	2.866593	0.000107	0	0	0	1-HR	ALL	1ST	T1	18022724
005040	404070	0.000004	0.000400				4 115		407	UCAR	40000544
325040	461372	2.839334	0.000138	0	0	0	1-HR	ALL	1ST	T1	18030514
205440	404070	0.000440	0.000444				4 115	A 1 1	407	UCAR	40000544
325140	461372	2.626143	0.000111	0	0	0	1-HR	ALL	1ST	T1	18030514
325240	461372	3.215836	0.000155	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
323240	401372	3.213030	0.000133	0	0	U	1-1111	ALL	101	UCAR	10111220
325340	461372	2.965529	0.000125	0	0	0	1-HR	ALL	1ST	T1	18111220
020040	401072	2.500025	0.000120	0		0	1 1 11 1	/\	101	UCAR	10111220
325440	461372	3.155288	0.000105	0	0	0	1-HR	ALL	1ST	T1	18021517
020110	101012	0.100200	0.000100				1 1111	7 122	101	UCAR	10021017
325540	461372	2.791993	0.000141	0	0	0	1-HR	ALL	1ST	T1	18031323
		2 2 2								UCAR	
325640	461372	3.22678	0.000169	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325740	461372	3.138116	0.000184	0	0	0	1-HR	ALL	1ST	T1	18112713

										UCAR	
325840	461372	3.78388	0.00018	0	0	0	1-HR	ALL	1ST	T1	18102613
005040	404070	0.504005	0.00075				4 115		407	UCAR	10100010
325940	461372	3.561635	0.000375	0	0	0	1-HR	ALL	1ST	T1	18102613
326040	461372	3.15762	0.000166	0	0	0	1-HR	ALL	1ST	UCAR T1	18031218
320040	401372	3.13702	0.000100	0	U	U	1-111	ALL	131	UCAR	10031210
326140	461372	3.94921	0.000398	0	0	0	1-HR	ALL	1ST	T1	18102616
320110		0.0.102.	0.00000							UCAR	
326240	461372	3.519882	0.00024	0	0	0	1-HR	ALL	1ST	T1	18102616
										UCAR	
326340	461372	3.713269	0.000308	0	0	0	1-HR	ALL	1ST	T1	18012415
				_	_	_				UCAR	
326440	461372	4.144018	0.000233	0	0	0	1-HR	ALL	1ST	T1	18111219
200540	404070	0.005007	0.000404	0	0	_	4 110		40T	UCAR	40000004
326540	461372	3.665267	0.000101	0	0	0	1-HR	ALL	1ST	T1 UCAR	18092804
326640	461372	3.446556	0.000402	0	0	0	1-HR	ALL	1ST	T1	18102614
320040	401072	3.440300	0.000402	0	0	0	1-111	ALL	101	UCAR	10102014
326740	461372	2.221158	0.00011	0	0	0	1-HR	ALL	1ST	T1	18021521
				_						UCAR	
326840	461372	2.515742	0.000409	0	0	0	1-HR	ALL	1ST	T1	18031523
										UCAR	
326940	461372	1.584086	0.000417	0	0	0	1-HR	ALL	1ST	T1	18031601
				_	_					UCAR	
327040	461372	3.474876	0.000434	0	0	0	1-HR	ALL	1ST	T1	18031522
227140	464272	4 627267	0.000177	0	0	0	1 UD	A 1 1	1ST	UCAR T1	10110104
327140	461372	4.637367	0.000177	0	0	0	1-HR	ALL	151	UCAR	18112124
327240	461372	2.146378	0.000306	0	0	0	1-HR	ALL	1ST	T1	18112124
021240	701072	2.170070	3.000000		0	0	1-111	, \	101	UCAR	10112124
327340	461372	3.184012	0.000237	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327440	461372	2.988932	0.000153	0	0	0	1-HR	ALL	1ST	T1	18120315

327540	461372	3.317478	0.000254	0	0	0	1-HR	ALL	1ST	UCAR T1	18111218
					-					UCAR	
327640	461372	3.700332	0.000256	0	0	0	1-HR	ALL	1ST	T1	18120316
207740	404070	0.500000	0.000440				4 110	A 1 1	40T	UCAR	40400046
327740	461372	3.562322	0.000149	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120316
327840	461372	3.330477	0.000152	0	0	0	1-HR	ALL	1ST	T1	18092815
										UCAR	
327940	461372	3.031525	0.000154	0	0	0	1-HR	ALL	1ST	T1	18092815
										UCAR	
328040	461372	2.735686	0.000146	0	0	0	1-HR	ALL	1ST	T1	18091622
000440	404070	0.007000	0.000440				4 115		407	UCAR	40004000
328140	461372	3.297636	0.000112	0	0	0	1-HR	ALL	1ST	T1	18091622
328240	461372	3.41236	0.000132	0	0	0	1-HR	ALL	1ST	UCAR T1	18052614
320240	401372	3.41230	0.000132	0	0	0	1-111	ALL	101	UCAR	10032014
328340	461372	2.87434	0.000148	0	0	0	1-HR	ALL	1ST	T1	18091621
										UCAR	
328440	461372	2.798098	0.000173	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
328540	461372	2.708064	0.000174	0	0	0	1-HR	ALL	1ST	T1	18032920
004540	4044=0	0.004000	0.000400				4		407	UCAR	1010001=
324540	461472	2.684232	0.000108	0	0	0	1-HR	ALL	1ST	T1	18102617
324640	461472	2.787034	0.000163	0	0	0	1-HR	ALL	1ST	UCAR T1	18102617
324040	401472	2.101034	0.000103	U	U	U	I-IIK	ALL	131	UCAR	10102017
324740	461472	2.995289	0.000166	0	0	0	1-HR	ALL	1ST	T1	18102617
021710	401472	2.000200	0.000100				1 111	7122	101	UCAR	10102017
324840	461472	2.902575	0.000138	0	0	0	1-HR	ALL	1ST	T1	18022802
										UCAR	
324940	461472	2.708144	0.00015	0	0	0	1-HR	ALL	1ST	T1	18022802
										UCAR	
325040	461472	3.06109	0.000134	0	0	0	1-HR	ALL	1ST	T1	18022724

										UCAR	
325140	461472	2.856639	0.000139	0	0	0	1-HR	ALL	1ST	T1	18030514
	-			_						UCAR	
325240	461472	3.006451	0.000141	0	0	0	1-HR	ALL	1ST	T1	18030514
										UCAR	
325340	461472	3.167422	0.000167	0	0	0	1-HR	ALL	1ST	T1	18111220
005440	404470	0.000404	0.000447				4 115		407	UCAR	10111000
325440	461472	3.233434	0.000147	0	0	0	1-HR	ALL	1ST	T1	18111220
325540	461472	3.346395	0.000114	0	0	0	1-HR	ALL	1ST	UCAR T1	18021517
323340	401472	3.340393	0.000114	0	0	0	1-111	ALL	131	UCAR	10021317
325640	461472	2.988235	0.000154	0	0	0	1-HR	ALL	1ST	T1	18031323
020010	.01.12	2.000200	0.000.01					,	1.0.	UCAR	10001020
325740	461472	3.272253	0.000199	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325840	461472	3.566615	0.000199	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
325940	461472	3.260438	0.000347	0	0	0	1-HR	ALL	1ST	T1	18102613
000040	404470	4.000007	0.00000				4 115		407	UCAR	10010110
326040	461472	4.226637	0.000282	0	0	0	1-HR	ALL	1ST	T1	18012416
326140	461472	4.284941	0.00022	0	0	0	1-HR	ALL	1ST	UCAR T1	18102616
320140	401472	4.204941	0.00022	0	0	0	1-111	ALL	131	UCAR	10102010
326240	461472	4.027754	0.000465	0	0	0	1-HR	ALL	1ST	T1	18102616
020210	.01.12		0.000.00					,	1.0.	UCAR	10102010
326340	461472	4.295935	0.000434	0	0	0	1-HR	ALL	1ST	T1	18012415
										UCAR	
326440	461472	4.098524	0.000292	0	0	0	1-HR	ALL	1ST	T1	18111219
										UCAR	
326540	461472	3.726227	0.000113	0	0	0	1-HR	ALL	1ST	T1	18092804
000040	404470	0.00000	0.000454				4 115		407	UCAR	10100011
326640	461472	3.686826	0.000451	0	0	0	1-HR	ALL	1ST	T1	18102614
206740	464470	1 605056	0.000149	_	0	_	1 ⊔D	A1 1	101	UCAR	10000445
326740	461472	1.625956	0.000148	0	0	0	1-HR	ALL	1ST	T1	18022415

										UCAR	
326840	461472	2.61544	0.000492	0	0	0	1-HR	ALL	1ST	T1	18031523
										UCAR	
326940	461472	2.322212	0.000604	0	0	0	1-HR	ALL	1ST	T1	18031524
				_	_					UCAR	
327040	461472	4.070664	0.000367	0	0	0	1-HR	ALL	1ST	T1	18031522
207440	464470	2 576405	0.000005	0	_	_	4 110	A 1 1	4 C T	UCAR	10110101
327140	461472	3.576185	0.000305	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112124
327240	461472	2.853878	0.000311	0	0	0	1-HR	ALL	1ST	T1	18112124
321240	701772	2.000070	0.000311	0	0	0	1-111	ALL	101	UCAR	10112124
327340	461472	2.983339	0.000163	0	0	0	1-HR	ALL	1ST	T1	18120315
	-			_						UCAR	
327440	461472	3.57084	0.000283	0	0	0	1-HR	ALL	1ST	T1	18111218
										UCAR	
327540	461472	3.7051	0.000286	0	0	0	1-HR	ALL	1ST	T1	18120316
				_	_					UCAR	
327640	461472	3.469197	0.000159	0	0	0	1-HR	ALL	1ST	T1	18120316
227740	464470	2 207027	0.000474	0	_	_	4 110	A 1 1	4 C T	UCAR	10000015
327740	461472	3.287827	0.000174	0	0	0	1-HR	ALL	1ST	T1 UCAR	18092815
327840	461472	3.088521	0.000157	0	0	0	1-HR	ALL	1ST	T1	18092815
321040	701772	3.000321	0.000107	0	0	0	1-111	ALL	101	UCAR	10032013
327940	461472	3.116235	0.000155	0	0	0	1-HR	ALL	1ST	T1	18091622
										UCAR	
328040	461472	3.605968	0.000124	0	0	0	1-HR	ALL	1ST	T1	18052614
										UCAR	
328140	461472	3.3999	0.000154	0	0	0	1-HR	ALL	1ST	T1	18052614
	4044-5	0.00=0.5	0.000155	_	_	_			1.0-	UCAR	1000000
328240	461472	2.897364	0.000189	0	0	0	1-HR	ALL	1ST	T1	18032920
220240	464470	0.00000	0.000004	_	_	_	4 110	A	10T	UCAR	10022020
328340	461472	2.833632	0.000201	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032920
328440	461472	2.759771	0.000173	0	0	0	1-HR	ALL	1ST	T1	18032920
JZ0 44 0	401472	2.133111	0.000173	U	l U	U	1-1111	/\LL	101		10032320

										UCAR	
328540	461472	2.77564	0.000126	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
324540	461572	2.690535	0.000154	0	0	0	1-HR	ALL	1ST	T1	18032016
										UCAR	
324640	461572	2.718339	0.000139	0	0	0	1-HR	ALL	1ST	T1	18032016
				_	_	_				UCAR	
324740	461572	2.734883	0.000121	0	0	0	1-HR	ALL	1ST	T1	18102617
004040	404570	0.040000	0.000400		0		4 115		407	UCAR	40400047
324840	461572	2.846963	0.000186	0	0	0	1-HR	ALL	1ST	T1	18102617
324940	461572	3.094227	0.000177	0	0	0	1-HR	ALL	1ST	UCAR T1	10100617
324940	401372	3.094221	0.000177	0	U	U	I-NK	ALL	101	UCAR	18102617
325040	461572	2.916759	0.000165	0	0	0	1-HR	ALL	1ST	T1	18022802
323040	401072	2.510755	0.000103	0	0	U	1-111	ALL	101	UCAR	10022002
325140	461572	2.924023	0.000149	0	0	0	1-HR	ALL	1ST	T1	18022802
323113										UCAR	
325240	461572	2.927548	0.000127	0	0	0	1-HR	ALL	1ST	T1	18022724
										UCAR	
325340	461572	3.297885	0.00017	0	0	0	1-HR	ALL	1ST	T1	18030514
										UCAR	
325440	461572	3.076447	0.000174	0	0	0	1-HR	ALL	1ST	T1	18111220
22542	404==0	0.40404								UCAR	40444000
325540	461572	3.48404	0.000175	0	0	0	1-HR	ALL	1ST	T1	18111220
225640	464570	2 564590	0.000404	0	0	_	4 110	A 1 1	1CT	UCAR	10001517
325640	461572	3.561589	0.000124	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021517
325740	461572	3.330626	0.000166	0	0	0	1-HR	ALL	1ST	T1	18031323
323740	401372	3.330020	0.000100	0	U	0	1-111	ALL	101	UCAR	10031323
325840	461572	3.150491	0.000234	0	0	0	1-HR	ALL	1ST	T1	18112713
020040	10.1072	0.100701	3.000201	<u> </u>				, ,	101	UCAR	.0112710
325940	461572	3.8707	0.00021	0	0	0	1-HR	ALL	1ST	T1	18021524
										UCAR	
326040	461572	3.637961	0.00049	0	0	0	1-HR	ALL	1ST	T1	18102613

326140													
326240	32	6140	461572	3.62532	0.0002	0	0	0	1-HR	ALL	1ST	UCAR T1	18031218
326340 461572 4.350426 0.000512 0 0 0 1-HR ALL 1ST T1 18012415 326440 461572 3.78429 0.000361 0 0 0 1-HR ALL 1ST T1 18112129 326540 461572 3.710363 0.000127 0 0 0 1-HR ALL 1ST T1 18092804 326640 461572 3.817105 0.000494 0 0 0 1-HR ALL 1ST T1 18092804 326740 461572 1.773742 0.000239 0 0 0 1-HR ALL 1ST T1 18100221 326840 461572 1.997952 0.000516 0 0 0 1-HR ALL 1ST T1 18031601 326940 461572 3.201877 0.00059 0 0 0 1-HR ALL 1ST T1 18031601 326940 461572 4.887821 0.000257 0 0 0 1-HR ALL 1ST T1 18112124 327140 461572 2.058375 0.000385 0 0 0 1-HR ALL 1ST T1 18112124 327240 461572 3.09199 0.00021 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18112128 327340 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18112128 327340 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 181120316 327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 181120316 UCAR 171 181120316 UCAR 171 181120316							-						
326340	32	6240	461572	3.847577	0.000618	0	0	0	1-HK	ALL	181		18102616
326440													
326440	32	6340	461572	4.350426	0.000512	0	0	0	1-HR	ALL	1ST		18012415
326540 461572 3.710363 0.000127 0 0 0 1-HR ALL 1ST T1 18092804													
326540 461572 3.710363 0.000127 0 0 0 1-HR ALL 1ST T1 18092804 326640 461572 3.817105 0.000494 0 0 0 1-HR ALL 1ST T1 18102614 326740 461572 1.773742 0.000239 0 0 0 1-HR ALL 1ST T1 18100221 326840 461572 1.997952 0.000516 0 0 0 1-HR ALL 1ST T1 18031601 326940 461572 3.201877 0.00059 0 0 0 1-HR ALL 1ST T1 18031601 327040 461572 4.887821 0.000257 0 0 0 1-HR ALL 1ST T1 18112124 327140 461572 2.058375 0.000385 0 0 0 1-HR ALL 1ST T1 18112124 327240 461572 3.09199 0.00021 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18112124 327440 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18120316	32	6440	4615/2	3.78429	0.000361	0	0	0	1-HR	ALL	151		18111219
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326640	32	6540	461572	3.710363	0.000127	0	0	0	1-HR	ALL	1ST		18092804
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326740	32	6640	461572	3.817105	0.000494	0	0	0	1-HR	ALL	1ST		18102614
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326940 461572 3.201877 0.00059 0 0 0 1-HR ALL 1ST T1 18031524 327040 461572 4.887821 0.000257 0 0 0 1-HR ALL 1ST T1 18112124 327140 461572 2.058375 0.000385 0 0 0 1-HR ALL 1ST T1 18112124 327240 461572 3.09199 0.00021 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.766795 0.000312 0 0 0 1-HR ALL 1ST T1 18111218 327440 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 1811218 327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18120316													
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327040 461572 4.887821 0.000257 0 0 0 1-HR ALL 1ST T1 18112124 327140 461572 2.058375 0.000385 0 0 0 1-HR ALL 1ST T1 18112124 327240 461572 3.09199 0.00021 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.766795 0.000312 0 0 0 1-HR ALL 1ST T1 18111218 327340 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18120316 327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18120316 UCAR 18120316													
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327240 461572 3.09199 0.00021 0 0 0 1-HR ALL 1ST T1 18112124 327340 461572 3.766795 0.000312 0 0 0 1-HR ALL 1ST T1 18111218 327440 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18120316 327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18120316 UCAR UCAR UCAR UCAR UCAR UCAR UCAR UCAR													
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327340 461572 3.766795 0.000312 0 0 0 1-HR ALL 1ST T1 18111218 327440 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18120316 327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18092815 UCAR UCAR UCAR UCAR UCAR UCAR UCAR UCAR												UCAR	
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327440 461572 3.63704 0.000323 0 0 0 1-HR ALL 1ST T1 18120316 327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18092815 UCAR UCAR UCAR UCAR UCAR UCAR UCAR UCAR												UCAR	
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327540 461572 3.39112 0.000169 0 0 0 1-HR ALL 1ST T1 18120316 327640 461572 3.140613 0.000196 0 0 0 1-HR ALL 1ST T1 18092815 UCAR T1 18092815												UCAR	
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UCAR UCAR												UCAR	
	32	7640	461572	3.140613	0.000196	0	0	0	1-HR	ALL	1ST	T1	18092815
												UCAR	
	32	7740	461572	2.968089	0.000172	0	0	0	1-HR	ALL	1ST	T1	18100207

										UCAR	
327840	461572	3.568068	0.000146	0	0	0	1-HR	ALL	1ST	T1	18091622
										UCAR	
327940	461572	3.865658	0.000167	0	0	0	1-HR	ALL	1ST	T1	18052614
										UCAR	
328040	461572	3.009704	0.000204	0	0	0	1-HR	ALL	1ST	T1	18032920
220440	464570	0.046000	0.000000	0	_	_	4 110	A 1 1	4 C T	UCAR	10022020
328140	461572	2.916022	0.000232	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032920
328240	461572	2.968505	0.000205	0	0	0	1-HR	ALL	1ST	T1	18032920
320240	401072	2.500505	0.000203	0	0	0	1-111	ALL	101	UCAR	10032320
328340	461572	2.883295	0.000148	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
328440	461572	2.843538	0.000131	0	0	0	1-HR	ALL	1ST	T1	18092816
										UCAR	
328540	461572	3.061829	0.000149	0	0	0	1-HR	ALL	1ST	T1	18052617
				_	_	_				UCAR	
324540	461672	2.830783	0.000165	0	0	0	1-HR	ALL	1ST	T1	18112201
204040	404070	0.054040	0.000474	0			4 110		10T	UCAR	40440004
324640	461672	2.954643	0.000174	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112201
324740	461672	2.708458	0.000169	0	0	0	1-HR	ALL	1ST	T1	18032016
324740	401072	2.700430	0.000103	0	0	0	1-111	ALL	101	UCAR	10032010
324840	461672	2.724666	0.000164	0	0	0	1-HR	ALL	1ST	T1	18032016
										UCAR	
324940	461672	2.732386	0.000137	0	0	0	1-HR	ALL	1ST	T1	18102617
										UCAR	
325040	461672	2.845549	0.000214	0	0	0	1-HR	ALL	1ST	T1	18102617
	,			_						UCAR	, , , , , , , , ,
325140	461672	3.09979	0.000185	0	0	0	1-HR	ALL	1ST	T1	18102617
205040	404070	0.040040	0.000404	_			4 115		10T	UCAR	4000000
325240	461672	2.816048	0.000191	0	0	0	1-HR	ALL	1ST	T1	18022802
325340	461672	2.979961	0.000165	0	0	0	1-HR	ALL	1ST	UCAR T1	18022724
323340	401072	2.313301	0.000103	<u> </u>	ı U		1-1117		101		10022124

										UCAR	
325440	461672	3.41964	0.000184	0	0	0	1-HR	ALL	1ST	T1	18030514
										UCAR	
325540	461672	3.405598	0.000173	0	0	0	1-HR	ALL	1ST	T1	18111220
										UCAR	
325640	461672	3.671114	0.000208	0	0	0	1-HR	ALL	1ST	T1	18111220
005740	404070	0.70700	0.000407			_	4 110	A 1 1	40T	UCAR	40004547
325740	461672	3.78706	0.000137	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021517
325840	461672	3.670762	0.000202	0	0	0	1-HR	ALL	1ST	T1	18112713
323040	401072	3.070702	0.000202	0	0	0	1-111	ALL	101	UCAR	10112113
325940	461672	2.751283	0.000273	0	0	0	1-HR	ALL	1ST	T1	18112713
3_33.3										UCAR	
326040	461672	3.788665	0.000307	0	0	0	1-HR	ALL	1ST	T1	18102613
										UCAR	
326140	461672	4.66472	0.000364	0	0	0	1-HR	ALL	1ST	T1	18102613
				_	_	_				UCAR	
326240	461672	4.217489	0.000465	0	0	0	1-HR	ALL	1ST	T1	18102616
226240	464670	2.402022	0.000440		_	0	4 110	A 1 1	10T	UCAR	10010415
326340	461672	3.493022	0.000448	0	0	0	1-HR	ALL	1ST	T1 UCAR	18012415
326440	461672	3.117609	0.000427	0	0	0	1-HR	ALL	1ST	T1	18111219
320440	401072	3.117003	0.000421		0	0	1-111	ALL	101	UCAR	10111213
326540	461672	3.574249	0.000145	0	0	0	1-HR	ALL	1ST	T1	18092804
				-						UCAR	
326640	461672	3.732817	0.000515	0	0	0	1-HR	ALL	1ST	T1	18102614
										UCAR	
326740	461672	2.099989	0.000457	0	0	0	1-HR	ALL	1ST	T1	18031523
	40.40-5	0.440055		_	_	_			40-	UCAR	1000155
326840	461672	2.118608	0.000627	0	0	0	1-HR	ALL	1ST	T1	18031524
200040	404070	4.075000	0.000505		_	_	4 1 10	A1.1	107	UCAR	10001500
326940	461672	4.075929	0.000505	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031522
327040	461672	2.913743	0.000428	0	0	0	1-HR	ALL	1ST	T1	18112124
321040	701012	2.310140	0.000720	U	l U	U	1-1111	/\LL	101		10112124

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461672	2.821286	0.000311	0	0	0	1-HR	ALL	1ST	T1	18112124
10.10.1		0.0000					7			
461672	3.82797	0.000337	0	0	0	1-HR	ALL	1ST	T1	18111218
									UCAR	
461672	3.464609	0.000367	0	0	0	1-HR	ALL	1ST	T1	18120316
461672	3.344396	0.000183	0	0	0	1-HR	ALL	1ST		18042417
404070										40000045
461672	3.02298	0.000217	0	0	0	1-HR	ALL	151		18092815
404070	0.050400	0.000400	0	0	0	4 110	A 1 1	40.		10001000
461672	3.356402	0.000196	U	U	U	1-HK	ALL	151		18091622
461672	4 038115	0.000150	0	0	0	1 ⊔D	ΛΙΙ	1ST		18052614
401072	4.030113	0.000139	0	0	0	1-111	ALL	101		10032014
461672	3 654976	0.000212	0	0	0	1-HR	ALI	1ST		18032920
10.072	0.00 107 0	0.0002.2					7 1	1.0.		10002020
461672	3.033879	0.000267	0	0	0	1-HR	ALL	1ST	T1	18032920
									UCAR	
461672	3.157748	0.000245	0	0	0	1-HR	ALL	1ST	T1	18032920
									UCAR	
461672	3.069765	0.000176	0	0	0	1-HR	ALL	1ST		18032920
			_	_						
461672	2.984938	0.000154	0	0	0	1-HR	ALL	181		18052617
404070	2 20070	0.000400	0	0	0	4 110	A 1 1	40.		40050047
461672	3.38978	0.000168	U	U	U	1-HK	ALL	151		18052617
461672	3 /3335/	0.000136	0	0	0	1 ⊔D	ΛΙΙ	1ST		18052617
401072	3.433334	0.000130	U	U	U	1-111	ALL	131		10032017
461672	3 095964	0.000123	n	n	n	1-HR	ALI	1ST		18111217
101072	0.00000+	3.000120	<u> </u>	0	0		, \	101		.0111211
461772	2.713112	0.000116	0	0	0	1-HR	ALL	1ST	T1	18021602
									UCAR	
461772	2.634636	0.000144	0	0	0	1-HR	ALL	1ST	T1	18112201
	461672 461672 461672 461672 461672 461672 461672 461672 461672 461672 461672 461672 461672	461672 3.82797 461672 3.464609 461672 3.344396 461672 3.02298 461672 3.356402 461672 4.038115 461672 3.654976 461672 3.033879 461672 3.069765 461672 2.984938 461672 3.38978 461672 3.433354 461672 3.095964 461772 2.713112	461672 3.82797 0.000337 461672 3.464609 0.000367 461672 3.344396 0.000183 461672 3.02298 0.000217 461672 3.356402 0.000196 461672 4.038115 0.000159 461672 3.654976 0.000212 461672 3.157748 0.000267 461672 3.069765 0.000176 461672 3.38978 0.000154 461672 3.433354 0.000136 461672 3.095964 0.000123 461772 2.713112 0.000116	461672 3.82797 0.000337 0 461672 3.464609 0.000367 0 461672 3.344396 0.000183 0 461672 3.02298 0.000217 0 461672 3.356402 0.000196 0 461672 4.038115 0.000159 0 461672 3.654976 0.000212 0 461672 3.033879 0.000267 0 461672 3.157748 0.000245 0 461672 3.069765 0.000176 0 461672 3.38978 0.000168 0 461672 3.433354 0.000136 0 461672 3.095964 0.000123 0 461772 2.713112 0.000116 0	461672 3.82797 0.000337 0 0 461672 3.464609 0.000367 0 0 461672 3.344396 0.000183 0 0 461672 3.02298 0.000217 0 0 461672 3.356402 0.000196 0 0 461672 4.038115 0.000159 0 0 461672 3.654976 0.000212 0 0 461672 3.033879 0.000267 0 0 461672 3.069765 0.000176 0 0 461672 3.38978 0.000154 0 0 461672 3.433354 0.000168 0 0 461672 3.095964 0.000123 0 0 461772 2.713112 0.000116 0 0	461672 3.82797 0.000337 0 0 0 461672 3.464609 0.000367 0 0 0 461672 3.344396 0.000183 0 0 0 461672 3.02298 0.000217 0 0 0 461672 3.356402 0.000196 0 0 0 461672 4.038115 0.000159 0 0 0 461672 3.654976 0.000212 0 0 0 461672 3.033879 0.000267 0 0 0 461672 3.157748 0.000245 0 0 0 461672 3.069765 0.000176 0 0 0 461672 3.38978 0.000154 0 0 0 461672 3.433354 0.000168 0 0 0 461672 3.095964 0.000123 0 0 0 461672 2.713112 0.000116 0 0 0	461672 3.82797 0.000337 0 0 0 1-HR 461672 3.464609 0.000367 0 0 0 1-HR 461672 3.344396 0.000183 0 0 0 1-HR 461672 3.02298 0.000217 0 0 0 1-HR 461672 3.356402 0.000196 0 0 0 1-HR 461672 4.038115 0.000159 0 0 0 1-HR 461672 3.654976 0.000212 0 0 0 1-HR 461672 3.033879 0.000267 0 0 0 1-HR 461672 3.157748 0.000245 0 0 0 1-HR 461672 3.38978 0.000176 0 0 0 1-HR 461672 3.33354 0.000136 0 0 0 1-HR 461672 3.095964 0.000123 0 0 0 1-HR	461672 3.82797 0.000337 0 0 1-HR ALL 461672 3.464609 0.000367 0 0 0 1-HR ALL 461672 3.344396 0.000183 0 0 0 1-HR ALL 461672 3.02298 0.000217 0 0 0 1-HR ALL 461672 3.356402 0.000196 0 0 0 1-HR ALL 461672 4.038115 0.000159 0 0 0 1-HR ALL 461672 3.654976 0.000212 0 0 0 1-HR ALL 461672 3.033879 0.000267 0 0 0 1-HR ALL 461672 3.157748 0.000245 0 0 0 1-HR ALL 461672 3.38978 0.000176 0 0 0 1-HR ALL 461672 3.433354 0.000168 0	461672 3.82797 0.000337 0 0 1-HR ALL 1ST 461672 3.464609 0.000367 0 0 0 1-HR ALL 1ST 461672 3.344396 0.000183 0 0 0 1-HR ALL 1ST 461672 3.02298 0.000217 0 0 0 1-HR ALL 1ST 461672 3.356402 0.000196 0 0 0 1-HR ALL 1ST 461672 4.038115 0.000159 0 0 0 1-HR ALL 1ST 461672 3.654976 0.000212 0 0 1-HR ALL 1ST 461672 3.033879 0.000267 0 0 1-HR ALL 1ST 461672 3.069765 0.000176 0 0 1-HR ALL 1ST 461672 3.38978 0.000154 0 0 1-HR ALL 1	461672 3.82797 0.000337 0 0 1-HR ALL 1ST T1 461672 3.464609 0.000367 0 0 1-HR ALL 1ST T1 461672 3.344396 0.000183 0 0 0 1-HR ALL 1ST T1 461672 3.02298 0.000217 0 0 0 1-HR ALL 1ST T1 461672 3.356402 0.000196 0 0 0 1-HR ALL 1ST T1 461672 4.038115 0.000159 0 0 0 1-HR ALL 1ST T1 461672 3.654976 0.000212 0 0 0 1-HR ALL 1ST T1 461672 3.033879 0.000267 0 0 0 1-HR ALL 1ST T1 461672 3.069765 0.000176 0 0 0 1-HR ALL <td< td=""></td<>

										UCAR	
324740	461772	2.83799	0.00018	0	0	0	1-HR	ALL	1ST	T1	18112201
324840	464770	2 161442	0.000203	0	0	0	1 UD	A 1 1	1ST	UCAR T1	10112201
324040	461772	3.161442	0.000203	U	U	U	1-HR	ALL	101	UCAR	18112201
324940	461772	3.037539	0.0002	0	0	0	1-HR	ALL	1ST	T1	18112201
02.0.0	.02	0.007.000	0.0002	<u> </u>				,	1.0.	UCAR	10112201
325040	461772	2.663762	0.000194	0	0	0	1-HR	ALL	1ST	T1	18032016
										UCAR	
325140	461772	2.66893	0.000157	0	0	0	1-HR	ALL	1ST	T1	18102617
205040	404770	0.740470	0.000040	0	0	_	4 110		40T	UCAR	40400047
325240	461772	2.742472	0.000248	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102617
325340	461772	2.941234	0.00019	0	0	0	1-HR	ALL	1ST	T1	18030515
020040	401772	2.041204	0.00013	- U	<u> </u>	0	1-111	/\	101	UCAR	10000010
325440	461772	2.583555	0.000205	0	0	0	1-HR	ALL	1ST	T1	18022802
										UCAR	
325540	461772	3.539024	0.00017	0	0	0	1-HR	ALL	1ST	T1	18030514
205242	404==0	. =.=	0.000400							UCAR	40000=44
325640	461772	3.795032	0.000199	0	0	0	1-HR	ALL	1ST	T1	18030514
325740	461772	4.021125	0.000247	0	0	0	1-HR	ALL	1ST	UCAR T1	18111220
323740	401772	4.021123	0.000247	0	U	0	1-1111	ALL	101	UCAR	10111220
325840	461772	4.198095	0.000153	0	0	0	1-HR	ALL	1ST	T1	18021517
	-									UCAR	
325940	461772	3.940774	0.000253	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
326040	461772	2.590769	0.000313	0	0	0	1-HR	ALL	1ST	T1	18112713
200440	404770	2 404000	0.000040	0	^	_	4 1 10	A 1 1	107	UCAR	10100010
326140	461772	3.121989	0.000619	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102613
326240	461772	3.839298	0.000245	0	0	0	1-HR	ALL	1ST	T1	18031218
020240	701112	0.000290	0.000240	<u> </u>	0	0	1-111	/ \LL	101	UCAR	10001210
326340	461772	3.321372	0.000632	0	0	0	1-HR	ALL	1ST	T1	18102616

326440	461772	2.61677	0.000458	0	0	0	1-HR	ALL	1ST	UCAR T1	18111219
020110	1011.12	2.01011	0.000100					7 122	1.0.	UCAR	10111210
326540	461772	3.261298	0.000169	0	0	0	1-HR	ALL	1ST	T1	18022018
326640	461772	3.296334	0.00049	0	0	0	1-HR	ALL	1ST	UCAR T1	18102614
320040	401772	0.230004	0.000+3	0	0	0	1-111	ALL	101	UCAR	10102014
326740	461772	2.518481	0.000742	0	0	0	1-HR	ALL	1ST	T1	18031523
										UCAR	
326840	461772	2.4835	0.000946	0	0	0	1-HR	ALL	1ST	T1	18031524
326940	461772	4.56848	0.000391	0	0	0	1-HR	ALL	1ST	UCAR T1	18112124
323313		1100010								UCAR	
327040	461772	2.162464	0.000447	0	0	0	1-HR	ALL	1ST	T1	18112124
207440	404770	0.007000	0.000047				4 115		107	UCAR	10111010
327140	461772	3.627039	0.000347	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111218
327240	461772	3.149864	0.000423	0	0	0	1-HR	ALL	1ST	T1	18120316
										UCAR	
327340	461772	3.182683	0.000209	0	0	0	1-HR	ALL	1ST	T1	18092815
207440	404770	0.070755	0.00005				4 110	A	40T	UCAR	10100007
327440	461772	2.973755	0.00025	0	0	0	1-HR	ALL	1ST	T1 UCAR	18100207
327540	461772	3.912761	0.000217	0	0	0	1-HR	ALL	1ST	T1	18100207
										UCAR	
327640	461772	4.193425	0.000222	0	0	0	1-HR	ALL	1ST	T1	18052614
227740	461770	2.000057	0.000305	0	0	0	1-HR	ALL	1ST	UCAR T1	19022020
327740	461772	2.989057	0.000305	U	U	U	I-HK	ALL	151	UCAR	18032920
327840	461772	3.284084	0.000297	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
327940	461772	3.230536	0.000212	0	0	0	1-HR	ALL	1ST	T1	18032920
328040	461772	3.167109	0.000185	0	0	0	1-HR	ALL	1ST	UCAR T1	18052617
320040	401772	3.107109	0.000165	l U	l U	U	1-UK	ALL	101	111	10002017

										UCAR	
328140	461772	3.700119	0.000188	0	0	0	1-HR	ALL	1ST	T1	18052617
										UCAR	
328240	461772	3.55947	0.000136	0	0	0	1-HR	ALL	1ST	T1	18052617
				_	_					UCAR	
328340	461772	3.259976	0.000144	0	0	0	1-HR	ALL	1ST	T1	18111217
220440	464770	2 007477	0.000420	0	^	_	4 110	A 1 1	10T	UCAR	10111017
328440	461772	3.097177	0.000129	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111217
328540	461772	3.114778	0.000113	0	0	0	1-HR	ALL	1ST	T1	18091620
320340	+01772	3.114770	0.000113	0	0	0	1-111	ALL	101	UCAR	10031020
324540	461872	3.344624	0.000121	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
324640	461872	3.002905	0.000106	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
324740	461872	2.821874	0.000118	0	0	0	1-HR	ALL	1ST	T1	18021602
				_	_					UCAR	
324840	461872	2.733716	0.000138	0	0	0	1-HR	ALL	1ST	T1	18112201
224040	464070	0.606464	0.000400	0	^	_	4 110	A 1 1	4CT	UCAR	10110001
324940	461872	2.636164	0.000188	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112201
325040	461872	3.214793	0.000231	0	0	0	1-HR	ALL	1ST	T1	18112201
323040	401072	3.214733	0.000231	0	0	0	1-111	ALL	101	UCAR	10112201
325140	461872	3.310118	0.000244	0	0	0	1-HR	ALL	1ST	T1	18112201
0_0110	70.0.	01010110								UCAR	
325240	461872	2.70474	0.000231	0	0	0	1-HR	ALL	1ST	T1	18032016
										UCAR	
325340	461872	2.487811	0.000182	0	0	0	1-HR	ALL	1ST	T1	18102617
										UCAR	
325440	461872	2.6163	0.000291	0	0	0	1-HR	ALL	1ST	T1	18102617
2055 42	404070	0.007040	0.000000	2	_		4 115		407	UCAR	4000000
325540	461872	2.667243	0.000236	0	0	0	1-HR	ALL	1ST	T1	18022802
225640	161070	3.090224	0.000212	0	0	0	1-HR	A1.1	1ST	UCAR T1	19022724
325640	461872	3.090224	0.000212	U	0	l U	I-UK	ALL	101	111	18022724

										UCAR	
325740	461872	3.855019	0.000253	0	0	0	1-HR	ALL	1ST	T1	18030514
										UCAR	
325840	461872	4.272326	0.00029	0	0	0	1-HR	ALL	1ST	T1	18111220
				_	_	_				UCAR	
325940	461872	4.629821	0.000171	0	0	0	1-HR	ALL	1ST	T1	18021517
000040	404070	0.000405	0.000000	0	0		4 110		40T	UCAR	40440740
326040	461872	3.992485	0.000322	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112713
326140	461872	3.003901	0.000344	0	0	0	1-HR	ALL	1ST	T1	18112713
320140	401072	3.003901	0.000344	0	0	0	1-111	ALL	101	UCAR	10112113
326240	461872	4.519109	0.000562	0	0	0	1-HR	ALL	1ST	T1	18102613
0202.10			0.00000						1	UCAR	1010_010
326340	461872	3.923413	0.000917	0	0	0	1-HR	ALL	1ST	T1	18102616
										UCAR	
326440	461872	3.238281	0.000573	0	0	0	1-HR	ALL	1ST	T1	18012415
										UCAR	
326540	461872	3.142279	0.000205	0	0	0	1-HR	ALL	1ST	T1	18022018
000040	404070	0.00004.4	0.00000				4 1 15		400	UCAR	40400044
326640	461872	2.860914	0.000388	0	0	0	1-HR	ALL	1ST	T1	18102614
326740	464970	2.780521	0.000791	0	0	0	1-HR	A 1 1	1ST	UCAR T1	18031601
320740	461872	2.760321	0.000791	0	U	U	I-IIK	ALL	101	UCAR	10031001
326840	461872	3.361482	0.000745	0	0	0	1-HR	ALL	1ST	T1	18031522
020010	101012	0.001402	0.0007-10	0			1 1111	712	101	UCAR	10001022
326940	461872	2.632181	0.000591	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
327040	461872	2.996062	0.000323	0	0	0	1-HR	ALL	1ST	T1	18111218
										UCAR	
327140	461872	2.849766	0.000496	0	0	0	1-HR	ALL	1ST	T1	18120316
						_				UCAR	
327240	461872	2.786772	0.000272	0	0	0	1-HR	ALL	1ST	T1	18100207
007040	404070	0.447000	0.000004	_	_		4 115		10T	UCAR	40400007
327340	461872	3.147803	0.000304	0	0	0	1-HR	ALL	1ST	T1	18100207

327540 461872 3.490216 0.000341 0 0 0 1-HR ALL 1ST T1 180 327640 461872 3.264186 0.000365 0 0 0 1-HR ALL 1ST T1 180 UCAR T1 180	32920 32920 32920
327540 461872 3.490216 0.000341 0 0 0 1-HR ALL 1ST T1 180 327640 461872 3.264186 0.000365 0 0 0 1-HR ALL 1ST T1 180 UCAR T1 180	32920
327640 461872 3.264186 0.000365 0 0 0 1-HR ALL 1ST T1 180 327740 461872 3.518529 0.00026 0 0 0 1-HR ALL 1ST T1 180	32920
327640 461872 3.264186 0.000365 0 0 0 1-HR ALL 1ST T1 180 327740 461872 3.518529 0.00026 0 0 0 1-HR ALL 1ST T1 180	
327740 461872 3.518529 0.00026 0 0 1-HR ALL 1ST T1 180	
327740 461872 3.518529 0.00026 0 0 1-HR ALL 1ST T1 180	32920
	32920
UCAR UCAR	50047
	52617
327940 461872 3.92017 0.000206 0 0 1-HR ALL 1ST T1 180	50647
327940 461872 3.92017 0.000206 0 0 1-HR ALL 1ST T1 180	52617
	11217
920040 401072 9.34047 9.000100 0 0 1411X ALL 101 11 101 UCAR	11211
	11217
UCAR	
	91620
UCAR	
328340 461872 3.226554 0.000143 0 0 1-HR ALL 1ST T1 181	12123
	12123
UCAR	
	12123
OCATAO ACAGO OCAGO	20044
324540 461972 3.340764 0.000158 0 0 0 1-HR ALL 1ST T1 180	93014
	93014
324040 461972 3.605696 0.000167 0 0 0 1-HR ALL 151 11 160	<u> 130 14 </u>
	93014
324740 401972 4:10337 0:000100 0 0 0 141K ALL 131 11 100	20014
	93014
SZ 10 10 10 10 10 10 10 10 10 10 10 10 10	
	93014

325040					T		1	1	1			1
325140	325040	461972	3.043534	0.000138	0	0	0	1-HR	ALL	1ST	UCAR T1	18021602
325240						0				10T		
325240	323140	401972	2.3001	0.000165	0	U	U	I-UK	ALL	101		10112201
325340 461972 3.392681 0.000297 0 0 0 1-HR ALL 1ST T1 18112201	325240	461972	2.965706	0.000253	0	0	0	1-HR	ALL	1ST		18112201
325440 461972 2.929884 0.000279 0 0 0 1-HR ALL 1ST T1 18112201												
325440	325340	461972	3.392681	0.000297	0	0	0	1-HR	ALL	1ST		18112201
325540												
325540	325440	461972	2.929884	0.000279	0	0	0	1-HR	ALL	1ST		18112201
325640 461972 2.2378 0.000344 0 0 0 1-HR ALL 1ST T1 18102617												
325640	325540	461972	2.045483	0.000215	0	0	0	1-HR	ALL	1ST		18102617
325740 461972 2.114096 0.000293 0 0 0 1-HR ALL 1ST T1 18022802 325840 461972 3.924663 0.000257 0 0 0 1-HR ALL 1ST T1 18030514 325940 461972 4.086389 0.000323 0 0 0 1-HR ALL 1ST T1 18111220 326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326340 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18102616 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	005040	404070	0.0070	0.000044				4 1 15		40.		40400047
325740 461972 2.114096 0.000293 0 0 0 1-HR ALL 1ST T1 18022802 325840 461972 3.924663 0.000257 0 0 0 1-HR ALL 1ST T1 18030514 325940 461972 4.086389 0.000323 0 0 0 1-HR ALL 1ST T1 18111220 326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326340 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	325640	461972	2.2378	0.000344	0	0	0	1-HK	ALL	151		18102617
325840 461972 3.924663 0.000257 0 0 0 1-HR ALL 1ST T1 18030514 325940 461972 4.086389 0.000323 0 0 0 1-HR ALL 1ST T1 18111220 326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	005740	404070	0.444000	0.000000				4 110		40T		40000000
325840 461972 3.924663 0.000257 0 0 0 1-HR ALL 1ST T1 18030514 325940 461972 4.086389 0.000323 0 0 0 1-HR ALL 1ST T1 18111220 326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	325740	461972	2.114096	0.000293	U	0	U	1-HK	ALL	151		18022802
325940 461972 4.086389 0.000323 0 0 0 1-HR ALL 1ST T1 18111220 326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	225040	464070	2.024662	0.000057		_	0	4 110	A 1 1	4CT		10000514
325940 461972 4.086389 0.000323 0 0 0 1-HR ALL 1ST T1 18111220 326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	325840	461972	3.924003	0.000257	U	U	U	I-HK	ALL	151		18030514
326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	225040	461072	4 006200	0 000333	0	_	0	1 UD	A11	1ST		10111220
326040 461972 4.910912 0.000201 0 0 0 1-HR ALL 1ST T1 18021313 326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	323940	401972	4.000309	0.000323	U	U	U	1-HK	ALL	101		10111220
326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	326040	461072	4.010012	0.000201	0	_	0	1 ⊔□	Λ11	19T		19021212
326140 461972 3.549144 0.000416 0 0 0 1-HR ALL 1ST T1 18112713 326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 1-HR ALL 1ST T1 18022018	320040	401972	4.910912	0.000201	0	0	U	1-1111	ALL	101		10021313
326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	326140	461972	3 549144	0 000416	0	0	0	1 ₋ HR	ΔΙΙ	1ST		18112713
326240 461972 3.231884 0.000644 0 0 0 1-HR ALL 1ST T1 18102613 326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	020140	401072	0.040144	0.000+10		0	0	1-111	/ \	101		10112710
326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	326240	461972	3 231884	0 000644	0	0	0	1-HR	ALI	1ST		18102613
326340 461972 3.684668 0.00044 0 0 0 1-HR ALL 1ST T1 18102616 326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	020210	101072	0.201001	0.000011					, ,,	101		10102010
326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	326340	461972	3.684668	0.00044	0	0	0	1-HR	ALL	1ST		18102616
326440 461972 3.378798 0.000941 0 0 0 1-HR ALL 1ST T1 18012415 326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	020010	101012	0.00.1000	0.00011					,	101		10102010
326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018	326440	461972	3.378798	0.000941	0	0	0	1-HR	ALL	1ST		18012415
326540 461972 3.553858 0.000254 0 0 0 1-HR ALL 1ST T1 18022018												
	326540	461972	3.553858	0.000254	0	0	0	1-HR	ALL	1ST		18022018
											UCAR	
326640 461972 3.427309 0.00029 0 0 0 1-HR ALL 1ST T1 18022415	326640	461972	3.427309	0.00029	0	0	0	1-HR	ALL	1ST	T1	18022415

										UCAR	
326740	461972	3.341483	0.001349	0	0	0	1-HR	ALL	1ST	T1	18031524
										UCAR	
326840	461972	3.329937	0.000637	0	0	0	1-HR	ALL	1ST	T1	18112124
										UCAR	
326940	461972	2.933391	0.000406	0	0	0	1-HR	ALL	1ST	T1	18112124
007040	404070	0.000507	0.000504				4 115		407	UCAR	40400040
327040	461972	3.290567	0.000594	0	0	0	1-HR	ALL	1ST	T1	18120316
327140	461972	2.561495	0.000366	0	0	0	1-HR	ALL	1ST	UCAR T1	18100207
327 140	401972	2.501495	0.000300	U	U	U	I-HK	ALL	131	UCAR	10100207
327240	461972	3.734697	0.00036	0	0	0	1-HR	ALL	1ST	T1	18100207
027210	101012	0.101001	0.00000	<u> </u>				, , , ,	101	UCAR	10100201
327340	461972	3.949731	0.000361	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
327440	461972	2.952322	0.000455	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
327540	461972	3.832369	0.000327	0	0	0	1-HR	ALL	1ST	T1	18032920
007040	404070	0.040400	0.000070				4 115		407	UCAR	10050017
327640	461972	3.818492	0.000278	0	0	0	1-HR	ALL	1ST	T1	18052617
327740	461972	3.905491	0.000215	0	0	0	1-HR	ALL	1ST	UCAR T1	18052617
32//40	401972	3.903491	0.000215	0	U	U	I-UK	ALL	101	UCAR	16032017
327840	461972	3.839175	0.000201	0	0	0	1-HR	ALL	1ST	T1	18111217
027010	101012	0.000170	0.000201	0			1 1111	/ \	101	UCAR	10111217
327940	461972	3.564249	0.000167	1.4	1.4	0	1-HR	ALL	1ST	T1	18091620
										UCAR	
328040	461972	3.406662	0.000175	2.9	2.9	0	1-HR	ALL	1ST	T1	18112123
										UCAR	
328140	461972	3.129019	0.000195	3.6	3.6	0	1-HR	ALL	1ST	T1	18112123
	4040-5	0.0055	0.0004=5			_		 	4.0-	UCAR	10110155
328240	461972	3.068521	0.000176	1.1	1.1	0	1-HR	ALL	1ST	T1	18112123
220240	464070	2.002040	0.000400	_	_	_	4 110	A 1 1	10T	UCAR	10111011
328340	461972	2.992918	0.000182	0	0	0	1-HR	ALL	1ST	T1	18111214

328440	461972	3.092727	0.000173	0	0	0	1-HR	ALL	1ST	UCAR T1	18111214
					-					UCAR	
328540	461972	3.047072	0.000145	0	0	0	1-HR	ALL	1ST	T1	18072401
324540	462072	2.636984	0.000117	0	0	0	1-HR	ALL	1ST	UCAR T1	18021217
324340	402072	2.030304	0.000117	0	0	0	1-1111	ALL	101	UCAR	10021217
324640	462072	2.823361	0.000133	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
324740	462072	2.903968	0.000159	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
324840	462072	3.304621	0.000183	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
324940	462072	4.069228	0.000204	0	0	0	1-HR	ALL	1ST	T1	18093014
207242	4000=0	4 = 4 400 4							40-	UCAR	
325040	462072	4.711291	0.000217	0	0	0	1-HR	ALL	1ST	T1	18093014
005440	400070	5 00747	0.000040				4 110		407	UCAR	40000044
325140	462072	5.00717	0.000216	0	0	0	1-HR	ALL	1ST	T1 UCAR	18093014
325240	462072	4.721908	0.000198	0	0	0	1-HR	ALL	1ST	T1	18093014
323240	402072	4.721900	0.000196	0	U	U	I-HK	ALL	131	UCAR	10093014
325340	462072	3.762135	0.000167	0	0	0	1-HR	ALL	1ST	T1	18021602
323340	402012	3.702133	0.000107		0	0	1-111	ALL	101	UCAR	10021002
325440	462072	2.356123	0.000258	0	0	0	1-HR	ALL	1ST	T1	18112201
										UCAR	
325540	462072	3.041605	0.000351	0	0	0	1-HR	ALL	1ST	T1	18112201
										UCAR	
325640	462072	2.907461	0.000371	0	0	0	1-HR	ALL	1ST	T1	18112201
										UCAR	
325740	462072	2.169478	0.000269	0	0	0	1-HR	ALL	1ST	T1	18112201
					_					UCAR	
325840	462072	2.495052	0.000403	0	0	0	1-HR	ALL	1ST	T1	18102617
005040	400070	0.700704	0.000000				4 115		407	UCAR	40000000
325940	462072	2.786724	0.000302	0	0	0	1-HR	ALL	1ST	T1	18022802

UC	
326040 462072 4.061162 0.000328 0 0 0 1-HR ALL 1ST T1	
UC	CAR
326140 462072 4.713165 0.000279 0 0 1-HR ALL 1ST T1	
	CAR
326240 462072 4.17751 0.000543 0 0 1-HR ALL 1ST T1	
	CAR
326340 462072 3.517662 0.000989 0 0 1-HR ALL 1ST T1	18102613 CAR
326440 462072 4.204208 0.000861 0 0 1-HR ALL 1ST T1	
	CAR
326540 462072 3.804537 0.000325 0 0 1-HR ALL 1ST T1	
	CAR
326640 462072 3.805752 0.000841 0 0 1-HR ALL 1ST T1	
	CAR
326740 462072 4.080314 0.001265 0 0 1-HR ALL 1ST T1	
	CAR
326840 462072 3.243478 0.000712 0 0 1-HR ALL 1ST T1	18112124 CAR
326940 462072 3.684804 0.000733 0 0 1-HR ALL 1ST T1	
	CAR
327040 462072 3.302907 0.000509 0 0 1-HR ALL 1ST T1	
	CAR
327140 462072 3.865585 0.000396 0 0 1-HR ALL 1ST T1	18100207
	CAR
327240 462072 3.092219 0.000576 0 0 1-HR ALL 1ST T1	
	CAR
327340 462072 3.922883 0.000425 0 0 1-HR ALL 1ST T1	
327440 462072 4.415851 0.000346 0 0 1-HR ALL 1ST T1	CAR 18052617
	CAR 18052617
327540 462072 4.171352 0.000252 0 0 0 1-HR ALL 1ST T1	
	CAR
327640 462072 4.204324 0.000217 0 0 1-HR ALL 1ST T1	

										LICAD	
327740	462072	3.628047	0.000224	0.9	0.9	0	1-HR	ALL	1ST	UCAR T1	18052616
321140	402012	3.020047	0.000224	0.9	0.9	U	1-111	ALL	101	UCAR	10032010
327840	462072	3.405902	0.000242	1.8	1.8	0	1-HR	ALL	1ST	T1	18052616
										UCAR	
327940	462072	3.412619	0.000222	2.8	2.8	0	1-HR	ALL	1ST	T1	18111214
										UCAR	
328040	462072	3.424001	0.000223	4.2	4.2	0	1-HR	ALL	1ST	T1	18111214
328140	462072	3.425182	0.000183	4.6	4.6	0	1-HR	ALL	1ST	UCAR T1	18072401
320140	402072	3.423102	0.000163	4.0	4.0	U	I-HK	ALL	131	UCAR	10072401
328240	462072	3.339065	0.000143	2.6	2.6	0	1-HR	ALL	1ST	T1	18072401
0202.0		0.00000	0.000.10							UCAR	
328340	462072	3.382671	0.000148	0	0	0	1-HR	ALL	1ST	T1	18111215
										UCAR	
328440	462072	3.243653	0.000163	0	0	0	1-HR	ALL	1ST	T1	18111215
220540	400070	0.000045	0.000405		0		4 110	A 1 1	40T	UCAR	40444045
328540	462072	2.999015	0.000165	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111215
324540	462172	2.214796	0.000124	0	0	0	1-HR	ALL	1ST	T1	18112716
021010	102172	2.214700	0.000124				1 1111	7122	101	UCAR	10112710
324640	462172	2.42424	0.000119	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
324740	462172	2.594191	0.000111	0	0	0	1-HR	ALL	1ST	T1	18112716
201010	400470	0.000=0=	0.00044						40-	UCAR	1000101=
324840	462172	2.693795	0.00011	0	0	0	1-HR	ALL	1ST	T1	18021217
324940	462172	2.687041	0.000132	0	0	0	1-HR	ALL	1ST	UCAR T1	18021217
324940	402172	2.007041	0.000132	0	U	U	I-HK	ALL	131	UCAR	10021217
325040	462172	2.698836	0.000158	0	0	0	1-HR	ALL	1ST	T1	18093014
3200.0		=:55555					1	<u>-</u>	1 2 .	UCAR	
325140	462172	2.856463	0.000198	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
325240	462172	3.736187	0.000239	0	0	0	1-HR	ALL	1ST	T1	18093014

										UCAR	
325340	462172	4.836926	0.000275	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
325440	462172	5.657038	0.000296	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
325540	462172	5.647141	0.000287	0	0	0	1-HR	ALL	1ST	T1	18093014
				_	_					UCAR	
325640	462172	4.391776	0.000241	0	0	0	1-HR	ALL	1ST	T1	18093014
005740	400470	0.500700	0.00000	•			4 115		400	UCAR	10110001
325740	462172	2.500739	0.000386	0	0	0	1-HR	ALL	1ST	T1	18112201
225040	400470	2 200000	0.000407	0	_		4 110		4.CT	UCAR	40440004
325840	462172	2.899909	0.000497	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112201
325940	462172	2.920056	0.000395	0	0	0	1-HR	ALL	1ST	T1	18112201
323940	402172	2.920030	0.000393	U	U	0	1-1111	ALL	131	UCAR	10112201
326040	462172	3.253273	0.000443	0	0	0	1-HR	ALL	1ST	T1	18102617
020040	402172	0.200210	0.000440	0	0		1 1 11 1	/\	101	UCAR	10102017
326140	462172	3.709492	0.000455	0	0	0	1-HR	ALL	1ST	T1	18030514
3201.0		00002	0.000.00					7 1	1.0.	UCAR	
326240	462172	4.44481	0.000421	0	0	0	1-HR	ALL	1ST	T1	18110706
										UCAR	
326340	462172	4.574135	0.000699	0	0	0	1-HR	ALL	1ST	T1	18112713
										UCAR	
326440	462172	4.851716	0.001499	0	0	0	1-HR	ALL	1ST	T1	18102616
										UCAR	
326540	462172	4.045455	0.000462	0	0	0	1-HR	ALL	1ST	T1	18032922
										UCAR	
326640	462172	4.418003	0.001804	0	0	0	1-HR	ALL	1ST	T1	18031523
	4			_	_	_			1.0-	UCAR	
326740	462172	4.063817	0.001113	0	0	0	1-HR	ALL	1ST	T1	18112124
000040	400470	0.040077	0.000050	_	_		4 115		407	UCAR	10100010
326840	462172	3.943677	0.000952	0	0	0	1-HR	ALL	1ST	T1	18120316
220042	400470	4.404004	0.000747	•	_		4 115		10T	UCAR	40400007
326940	462172	4.161894	0.000717	0	0	0	1-HR	ALL	1ST	T1	18100207

327040	462172	4.466715	0.000721	0	0	0	1-HR	ALL	1ST	UCAR T1	18032920
					-					UCAR	
327140	0 462172	4.004594	0.000582	0	0	0	1-HR	ALL	1ST	T1	18032920
327240	462172	4.728301	0.000417	0	0	0	1-HR	ALL	1ST	UCAR T1	18052617
02721	102112	1.1 2000 1	0.000111	J	, i			7 1.2.2	101	UCAR	10002017
327340	462172	4.469405	0.00032	0	0	0	1-HR	ALL	1ST	T1	18111217
										UCAR	
327440	462172	4.440748	0.000305	0	0	0	1-HR	ALL	1ST	T1	18052616
										UCAR	
327540	462172	4.09277	0.00031	0	0	0	1-HR	ALL	1ST	T1	18052616
										UCAR	
327640	462172	3.967098	0.000303	0.4	0.4	0	1-HR	ALL	1ST	T1	18111214
										UCAR	
327740	462172	4.115429	0.000243	2	2	0	1-HR	ALL	1ST	T1	18111214
										UCAR	
327840	462172	3.98929	0.000191	2.9	2.9	0	1-HR	ALL	1ST	T1	18052619
										UCAR	
327940	462172	3.954134	0.00022	3.6	3.6	0	1-HR	ALL	1ST	T1	18111215
										UCAR	
328040	462172	3.644489	0.000223	4	4	0	1-HR	ALL	1ST	T1	18111215
										UCAR	
328140	462172	3.36928	0.000203	3.3	3.3	0	1-HR	ALL	1ST	T1	18111215
										UCAR	
328240	462172	3.405078	0.000181	2.1	2.1	0	1-HR	ALL	1ST	T1	18072324
										UCAR	
328340	462172	3.476626	0.000165	0	0	0	1-HR	ALL	1ST	T1	18072324
										UCAR	
328440	462172	3.398694	0.000145	0	0	0	1-HR	ALL	1ST	T1	18072324
										UCAR	
328540	462172	3.304466	0.000127	0	0	0	1-HR	ALL	1ST	T1	18072402
										UCAR	
324540	462272	3.043054	0.000161	0	0	0	1-HR	ALL	1ST	T1	18112716

										UCAR	
324640	462272	2.922095	0.000172	0	0	0	1-HR	ALL	1ST	T1	18112716
02.10.10			0.000					7	1	UCAR	
324740	462272	2.911094	0.000183	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
324840	462272	2.918863	0.000193	0	0	0	1-HR	ALL	1ST	T1	18112716
				_	_	_				UCAR	
324940	462272	2.86446	0.000201	0	0	0	1-HR	ALL	1ST	T1	18112716
205040	400070	0.704700	0.000007		_		4 110	A 1 1	4CT	UCAR	40440740
325040	462272	2.731706	0.000207	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112716
325140	462272	2.506535	0.000208	0	0	0	1-HR	ALL	1ST	T1	18112716
323140	402212	2.300333	0.000200	0	U	0	1-111	ALL	101	UCAR	10112710
325240	462272	2.182028	0.000204	0	0	0	1-HR	ALL	1ST	T1	18112716
0202.0			0.000_0.					7	1	UCAR	
325340	462272	2.039593	0.000193	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
325440	462272	2.196988	0.000181	0	0	0	1-HR	ALL	1ST	T1	18093014
										UCAR	
325540	462272	2.236686	0.000248	0	0	0	1-HR	ALL	1ST	T1	18093014
00=040	4000=0	0.404004							40-	UCAR	40000044
325640	462272	3.461634	0.000326	0	0	0	1-HR	ALL	1ST	T1	18093014
225740	460070	4.789024	0.000402	0	0	0	1-HR	ALL	1ST	UCAR T1	18093014
325740	462272	4.769024	0.000402	0	U	U	I-HK	ALL	101	UCAR	16093014
325840	462272	5.33593	0.000441	0	0	0	1-HR	ALL	1ST	T1	18093014
020040	402272	0.00000	0.000++1		0	0	1-111	/\	101	UCAR	10030014
325940	462272	3.907814	0.000396	0	0	0	1-HR	ALL	1ST	T1	18093014
00010		0.000.00.								UCAR	
326040	462272	3.854292	0.000643	0	0	0	1-HR	ALL	1ST	T1	18112201
										UCAR	
326140	462272	4.18353	0.000642	0	0	0	1-HR	ALL	1ST	T1	18112201
										UCAR	
326240	462272	4.055788	0.000606	0	0	0	1-HR	ALL	1ST	T1	18022802

										UCAR	
326340	462272	4.870343	0.000712	0	0	0	1-HR	ALL	1ST	T1	18110706
										UCAR	
326440	462272	4.577863	0.001839	0	0	0	1-HR	ALL	1ST	T1	18102613
										UCAR	
326540	462272	4.583194	0.000782	0	0	0	1-HR	ALL	1ST	T1	18032922
226640	460070	4 44CE22	0.000001	0	0	0	4 110	A 1 1	1ST	UCAR T1	10021502
326640	462272	4.416533	0.002891	0	0	0	1-HR	ALL	151	UCAR	18031522
326740	462272	4.758894	0.001348	0	0	0	1-HR	ALL	1ST	T1	18120316
020740	102212	1.700001	0.001010	0			1 1111	71	101	UCAR	10120010
326840	462272	5.080186	0.00091	0	0	0	1-HR	ALL	1ST	T1	18100207
										UCAR	
326940	462272	4.773983	0.000876	0	0	0	1-HR	ALL	1ST	T1	18032920
										UCAR	
327040	462272	4.77884	0.000514	0	0	0	1-HR	ALL	1ST	T1	18110707
207440	400070	4 504007	0.000464	0	0	_	4 110		4 C T	UCAR	10050010
327140	462272	4.561237	0.000464	0	0	0	1-HR	ALL	1ST	T1 UCAR	18052616
327240	462272	5.087409	0.000447	0	0	0	1-HR	ALL	1ST	T1	18111214
021240	402212	0.007 +00	0.000447	<u> </u>	0	0	1-111	/ \	101	UCAR	10111214
327340	462272	5.985767	0.000359	0	0	0	1-HR	ALL	1ST	T1	18111214
										UCAR	
327440	462272	5.408536	0.000323	0	0	0	1-HR	ALL	1ST	T1	18111215
										UCAR	
327540	462272	4.642225	0.000336	0	0	0	1-HR	ALL	1ST	T1	18111215
007040	400070	4 700040	0.00000	0.4	0.4		4 115		407	UCAR	10111015
327640	462272	4.723612	0.000282	0.1	0.1	0	1-HR	ALL	1ST	T1	18111215
327740	462272	4.494041	0.000243	0.9	0.9	0	1-HR	ALL	1ST	UCAR T1	18072324
321140	402212	4.494041	0.000243	0.9	0.9	U	1-111	ALL	131	UCAR	10012324
327840	462272	4.503998	0.000202	2.5	2.5	0	1-HR	ALL	1ST	T1	18072324
52.010	.02272		3.000202	2.0					1.0.	UCAR	10012021
327940	462272	4.325898	0.000175	3.1	3.1	0	1-HR	ALL	1ST	T1	18072402

										UCAR	
328040	462272	4.023371	0.00015	3.9	3.9	0	1-HR	ALL	1ST	T1	18072402
										UCAR	
328140	462272	3.66432	0.000131	3.9	3.9	0	1-HR	ALL	1ST	T1	18111213
000040	400070	0.00074	0.000400		4.4		4		407	UCAR	40400440
328240	462272	3.36074	0.000128	1.1	1.1	0	1-HR	ALL	1ST	T1 UCAR	18103113
328340	462272	3.299287	0.000131	0	0	0	1-HR	ALL	1ST	T1	18103113
320340	402212	3.299201	0.000131	U	U	U	1-111	ALL	131	UCAR	10103113
328440	462272	3.181022	0.00013	0	0	0	1-HR	ALL	1ST	T1	18103113
920110		00.0==	0.000.0						1.0.	UCAR	10100110
328540	462272	3.071959	0.000129	0	0	0	1-HR	ALL	1ST	T1	18091618
										UCAR	
324540	462372	2.982954	0.000122	0	0	0	1-HR	ALL	1ST	T1	18112717
										UCAR	
324640	462372	3.088388	0.000126	0	0	0	1-HR	ALL	1ST	T1	18112717
204740	400070	0.40044	0.000400		0	_	4 110		40T	UCAR	40440747
324740	462372	3.18814	0.000128	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112717
324840	462372	3.272281	0.000132	0	0	0	1-HR	ALL	1ST	T1	18112716
324040	402372	3.272201	0.000132	0	0	0	1-111	ALL	101	UCAR	10112710
324940	462372	3.33335	0.00015	0	0	0	1-HR	ALL	1ST	T1	18112716
92.0.0	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.0000	0.000.0							UCAR	
325040	462372	3.361783	0.00017	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
325140	462372	3.345641	0.000193	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
325240	462372	3.270585	0.00022	0	0	0	1-HR	ALL	1ST	T1	18112716
205040	400070	0.4000	0.00005	_	•	_	4 115		407	UCAR	40440740
325340	462372	3.1203	0.00025	0	0	0	1-HR	ALL	1ST	T1	18112716
325440	462372	2.872859	0.000285	0	0	0	1-HR	ALL	1ST	UCAR T1	18112716
323440	402372	2.012009	0.000265	0	U	U	1-111	ALL	131	UCAR	10112110
325540	462372	2.474883	0.000322	0	0	0	1-HR	ALL	1ST	T1	18112716
020040	702012	2.474000	J.0000ZZ	U	U		1 1 11 1	/ \LL	1 101	1 ' '	10112710

										UCAR	
325640	462372	2.005443	0.000361	0	0	0	1-HR	ALL	1ST	T1	18112716
323040	402372	2.003443	0.000301	0	U	0	1-111	ALL	101	UCAR	10112710
325740	462372	2.307391	0.000398	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
325840	462372	3.018657	0.000425	0	0	0	1-HR	ALL	1ST	T1	18112716
										UCAR	
325940	462372	3.938256	0.000427	0	0	0	1-HR	ALL	1ST	T1	18112716
000040	400070	4 400 400	0.000400				4 115		407	UCAR	10000011
326040	462372	4.482422	0.000469	0	0	0	1-HR	ALL	1ST	T1	18093014
326140	462372	3.884885	0.0007	0	0	0	1-HR	ALL	1ST	UCAR T1	18093014
320140	402372	3.004003	0.0007	0	U	0	1-111	ALL	131	UCAR	10093014
326240	462372	4.219656	0.000808	0	0	0	1-HR	ALL	1ST	T1	18093014
0202.0			0.00000	<u> </u>				7		UCAR	
326340	462372	4.582338	0.001266	0	0	0	1-HR	ALL	1ST	T1	18112201
										UCAR	
326440	462372	4.842688	0.001564	0	0	0	1-HR	ALL	1ST	T1	18110706
										UCAR	
326540	462372	5.131419	0.002332	0	0	0	1-HR	ALL	1ST	T1	18012415
326640	462372	4.035594	0.002342	0	0	0	1-HR	ALL	1ST	UCAR T1	18111218
320040	402372	4.033394	0.002342	0	U	U	I-HK	ALL	131	UCAR	10111210
326740	462372	4.835029	0.001715	0	0	0	1-HR	ALL	1ST	T1	18012413
5201.10			0.001.1.0						1	UCAR	
326840	462372	4.858757	0.000997	0	0	0	1-HR	ALL	1ST	T1	18110707
										UCAR	
326940	462372	5.546797	0.000662	0	0	0	1-HR	ALL	1ST	T1	18111214
000015	4000-5	0.0045-5		_	_	_		 	4.0-	UCAR	101110:-
327040	462372	6.081552	0.000647	0	0	0	1-HR	ALL	1ST	T1	18111215
227140	462272	7 060220	0.000445		0	_	1-HR	A1.1	1ST	UCAR T1	19072224
327140	462372	7.069239	0.000445	0	0	0	I-UK	ALL	101	UCAR	18072324
327240	462372	6.315023	0.000332	0	0	0	1-HR	ALL	1ST	T1	18072402
0212 7 0	702012	0.010020	0.000002				1-1117	/ \LL	1 101	1 ' '	10072702

										UCAR	
327340	462372	5.068295	0.000266	0	0	0	1-HR	ALL	1ST	T1	18103113
										UCAR	
327440	462372	4.868949	0.000273	0	0	0	1-HR	ALL	1ST	T1	18103113
				_	_	_				UCAR	
327540	462372	4.734964	0.000282	0	0	0	1-HR	ALL	1ST	T1	18091618
007040	400070	4.440044	0.000004	0	0		4 110		40T	UCAR	40004040
327640	462372	4.448644	0.000281	0	0	0	1-HR	ALL	1ST	T1 UCAR	18091618
327740	462372	4.155166	0.000272	0	0	0	1-HR	ALL	1ST	T1	18091618
321140	402372	4.133100	0.000272	<u> </u>	U	0	1-111	ALL	101	UCAR	10091010
327840	462372	3.870409	0.000256	0.8	0.8	0	1-HR	ALL	1ST	T1	18091618
027010	102012	0.07 0 100	0.000200	0.0	0.0			, , , ,	101	UCAR	10001010
327940	462372	3.584017	0.000239	2.6	2.6	0	1-HR	ALL	1ST	T1	18091618
										UCAR	
328040	462372	3.355362	0.00022	3.1	3.1	0	1-HR	ALL	1ST	T1	18091618
										UCAR	
328140	462372	3.279608	0.000205	1.3	1.3	0	1-HR	ALL	1ST	T1	18072323
										UCAR	
328240	462372	3.17442	0.000194	0.1	0.1	0	1-HR	ALL	1ST	T1	18072323
000040	400070	0.077000	0.000404	0	0		4 110		40T	UCAR	40070000
328340	462372	3.077933	0.000184	0	0	0	1-HR	ALL	1ST	T1 UCAR	18072323
328440	462372	2.974815	0.000173	0	0	0	1-HR	ALL	1ST	T1	18072323
320440	402012	2.57 +015	0.000173	<u> </u>	0	0	1-111	ALL	101	UCAR	10072323
328540	462372	2.973436	0.000164	0	0	0	1-HR	ALL	1ST	T1	18072323
0_00.0			0.000.0.						1	UCAR	10012020
324540	462472	2.764179	0.000134	0	0	0	1-HR	ALL	1ST	T1	18112815
										UCAR	
324640	462472	2.808682	0.000141	0	0	0	1-HR	ALL	1ST	T1	18112815
										UCAR	
324740	462472	2.844216	0.000148	0	0	0	1-HR	ALL	1ST	T1	18112815
004045	400.475	0.00==0=	0.0004=5	-	_		4		467	UCAR	10110015
324840	462472	2.867735	0.000156	0	0	0	1-HR	ALL	1ST	T1	18112815

										UCAR	
324940	462472	2.875446	0.000165	0	0	0	1-HR	ALL	1ST	T1	18112815
024040	T02T12	2.070440	0.000100	0	0	0	1-111	/\	101	UCAR	10112010
325040	462472	2.862684	0.000174	0	0	0	1-HR	ALL	1ST	T1	18112815
										UCAR	
325140	462472	2.823828	0.000185	0	0	0	1-HR	ALL	1ST	T1	18112815
005040	400.470	0.750404	0.000400				4 115		407	UCAR	40440045
325240	462472	2.752191	0.000198	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112815
325340	462472	2.640128	0.000212	0	0	0	1-HR	ALL	1ST	T1	18112815
323340	702772	2.040120	0.000212	0	0	0	1-111	ALL	101	UCAR	10112013
325440	462472	2.449177	0.000229	0	0	0	1-HR	ALL	1ST	T1	18112815
										UCAR	
325540	462472	2.169639	0.000248	0	0	0	1-HR	ALL	1ST	T1	18112815
007040	400470	0.400400	0.000=4				4		40-	UCAR	10110015
325640	462472	2.406482	0.000271	0	0	0	1-HR	ALL	1ST	T1	18112815
325740	462472	2.676701	0.000298	0	0	0	1-HR	ALL	1ST	UCAR T1	18112815
323740	402472	2.070701	0.000290	0	0	0	1-111	ALL	101	UCAR	10112013
325840	462472	2.977405	0.00034	0	0	0	1-HR	ALL	1ST	T1	18122415
										UCAR	
325940	462472	3.264995	0.000408	0	0	0	1-HR	ALL	1ST	T1	18122415
										UCAR	
326040	462472	3.723298	0.0005	0	0	0	1-HR	ALL	1ST	T1	18122415
326140	462472	4.100132	0.000631	0	0	0	1-HR	ALL	1ST	UCAR T1	18122415
320140	402472	4.100132	0.000031	U	0	0	1-111	ALL	131	UCAR	10122413
326240	462472	3.946906	0.000829	0	0	0	1-HR	ALL	1ST	T1	18122415
	-									UCAR	
326340	462472	4.559498	0.001161	0	0	0	1-HR	ALL	1ST	T1	18122415
										UCAR	
326440	462472	3.921722	0.001818	0	0	0	1-HR	ALL	1ST	T1	18122415
200540	460470	2 722047	0.007520	^	_	_	4 110	A1.	107	UCAR	10110710
326540	462472	3.732847	0.007539	0	0	0	1-HR	ALL	1ST	T1	18110713

										UCAR	
326640	462472	5.528082	0.001625	0	0	0	1-HR	ALL	1ST	T1	18091617
	-			_						UCAR	
326740	462472	5.000104	0.001283	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
326840	462472	4.444643	0.000983	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
326940	462472	4.939846	0.000785	0	0	0	1-HR	ALL	1ST	T1	18091617
007040	400470	4.04.40=0							40-	UCAR	4000404=
327040	462472	4.814872	0.000651	0	0	0	1-HR	ALL	1ST	T1	18091617
207440	400470	E 420E20	0.000550				4 110	A 1 1	40-	UCAR	40004047
327140	462472	5.130539	0.000556	0	0	0	1-HR	ALL	1ST	T1 UCAR	18091617
327240	462472	5.755276	0.000484	0	0	0	1-HR	A 1 1	1ST	T1	18091617
321240	402472	5.755276	0.000464	0	U	U	I-HK	ALL	131	UCAR	10091017
327340	462472	5.962652	0.000428	0	0	0	1-HR	ALL	1ST	T1	18091617
327340	402472	3.302032	0.000420		0	0	1-111	ALL	101	UCAR	10031017
327440	462472	5.909024	0.000383	0	0	0	1-HR	ALL	1ST	T1	18091617
921116		0.0000_1	0.00000					7	1.0.	UCAR	10001011
327540	462472	5.708774	0.000346	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
327640	462472	5.435294	0.000315	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
327740	462472	5.122469	0.000289	1.3	1.3	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
327840	462472	4.808324	0.000267	4.1	4.1	0	1-HR	ALL	1ST	T1	18091617
00=040	400470	4 =00000					4		40-	UCAR	4000404=
327940	462472	4.520398	0.000247	4.2	4.2	0	1-HR	ALL	1ST	T1	18091617
000040	400470	4.054400	0.00000		0.0		4 1 15	A 1 1	407	UCAR	40004047
328040	462472	4.251132	0.00023	2.2	2.2	0	1-HR	ALL	1ST	T1	18091617
328140	462472	3.995771	0.000215	1	1	0	1-HR	ALL	1ST	UCAR T1	18091617
320140	402472	3.883 <i>11</i> 1	0.000215	<u> </u>	<u> </u>	U	1-UK	ALL	131	UCAR	10091017
328240	462472	3.758198	0.000201	0	0	0	1-HR	ALL	1ST	T1	18091617
JZUZ4U	402412	3.730190	0.000201	1 0	1 0	U	1-1111	/\LL	101	111	10081017

										UCAR	
328340	462472	3.541955	0.000189	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
328440	462472	3.377733	0.000178	0	0	0	1-HR	ALL	1ST	T1	18091617
				_	_	_				UCAR	
328540	462472	3.270391	0.000168	0	0	0	1-HR	ALL	1ST	T1	18091617
004540	400570	0.705404	0.000404	0	_		4 110		40T	UCAR	40004040
324540	462572	2.705104	0.000131	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021216
324640	462572	2.693824	0.000143	0	0	0	1-HR	ALL	1ST	T1	18021614
324040	402372	2.093024	0.000143	0	U	0	1-1111	ALL	131	UCAR	10021014
324740	462572	2.658228	0.000157	0	0	0	1-HR	ALL	1ST	T1	18021614
521116									1	UCAR	10021011
324840	462572	2.656276	0.000172	0	0	0	1-HR	ALL	1ST	T1	18021614
										UCAR	
324940	462572	2.622587	0.000188	0	0	0	1-HR	ALL	1ST	T1	18021614
										UCAR	
325040	462572	2.547635	0.000207	0	0	0	1-HR	ALL	1ST	T1	18021614
005440	400570	0.40044	0.00000				4 1 15		407	UCAR	10001011
325140	462572	2.42244	0.000226	0	0	0	1-HR	ALL	1ST	T1	18021614
325240	462572	2 204272	0.000246	0	0	0	1-HR	ALL	1ST	UCAR T1	19001614
323240	402372	2.204273	0.000246	0	U	U	I-IIK	ALL	131	UCAR	18021614
325340	462572	1.895047	0.000266	0	0	0	1-HR	ALL	1ST	T1	18021614
020010	102072	1.000047	0.000200	0	0		1 111	/ \	101	UCAR	10021014
325440	462572	1.867771	0.000286	0	0	0	1-HR	ALL	1ST	T1	18021614
										UCAR	
325540	462572	1.983431	0.000328	0	0	0	1-HR	ALL	1ST	T1	18112814
										UCAR	
325640	462572	2.088949	0.000372	0	0	0	1-HR	ALL	1ST	T1	18112814
				_	_	_				UCAR	
325740	462572	2.258765	0.000421	0	0	0	1-HR	ALL	1ST	T1	18032017
005040	400570	0.00005	0.000470	_	_		4 115		40T	UCAR	40000047
325840	462572	2.686205	0.000472	0	0	0	1-HR	ALL	1ST	T1	18032017

	1				1		1	F	1	
40 462572	3 090029	0 000437	0	0	0	1 ₋ HR	ΔΙΙ	1ST		18032017
402072	0.000020	0.000+01	0	0	0	1-111	/\	101		10002017
40 462572	3.295234	0.000469	0	0	0	1-HR	ALL	1ST	T1	18021214
									UCAR	
40 462572	4.263426	0.000639	0	0	0	1-HR	ALL	1ST	T1	18021615
			_	_	_					
40 462572	4.649659	0.001356	0	0	0	1-HR	ALL	1ST		18030516
462572	4 516642	0.001105	_	0	0	1 ⊔D	A11	10T		18110713
402372	4.510045	0.001195	U	U	U	I-HK	ALL	131		10110713
40 462572	5.24172	0.001484	0	0	0	1-HR	ALL	1ST		18032618
	<u> </u>	0.001.01							UCAR	
40 462572	4.070873	0.0015	0	0	0	1-HR	ALL	1ST	T1	18041701
									UCAR	
40 462572	4.469814	0.001948	0	0	0	1-HR	ALL	1ST		18030518
400570	4 000040	0.004000				4 1 1 1 1 1		407		10100017
40 462572	4.892218	0.001869	0	0	0	1-HK	ALL	151		18120317
40 462572	6 6073/13	0 000008	0.2	0.2	0	1_HR	ΔΙΙ	1ST		18072321
402372	0.097343	0.000300	0.2	0.2	0	1-111	ALL	101		10072321
40 462572	6.780694	0.000593	0.1	0.1	0	1-HR	ALL	1ST	T1	18101322
			-						UCAR	
40 462572	6.768516	0.000413	0	0	0	1-HR	ALL	1ST	T1	18043016
									UCAR	
40 462572	6.966066	0.000368	0	0	0	1-HR	ALL	1ST		18091616
400570	0.505	0.000405		0		4 115		407		10001010
40 462572	6.595	0.000425	0	0	0	1-HK	ALL	151		18091616
40 462572	6 002383	0.000305	0	n	0	1_HP	ΔΙΙ	1ST		18091616
402372	0.992302	0.000393	U	0	0	1-111	ALL	101		10091010
40 462572	7.130035	0.000326	0	0	0	1-HR	ALL	1ST	T1	18091616
	13333	_							UCAR	
40 462572	6.671031	0.000251	0.1	0.1	0	1-HR	ALL	1ST	T1	18091616
	40 462572 240 462572 340 462572	040 462572 3.295234 40 462572 4.263426 240 462572 4.649659 340 462572 4.516643 340 462572 5.24172 340 462572 4.070873 340 462572 4.892218 340 462572 6.697343 340 462572 6.780694 340 462572 6.768516 40 462572 6.966066 340 462572 6.595 340 462572 6.992382 340 462572 7.130035	040 462572 3.295234 0.000469 40 462572 4.263426 0.000639 240 462572 4.649659 0.001356 340 462572 4.516643 0.001195 340 462572 5.24172 0.001484 340 462572 4.070873 0.0015 340 462572 4.469814 0.001948 340 462572 4.892218 0.001869 340 462572 6.697343 0.000908 340 462572 6.768516 0.000413 340 462572 6.966066 0.000368 340 462572 6.595 0.000425 340 462572 6.992382 0.000395 340 462572 6.992382 0.000395 340 462572 7.130035 0.000326	3.295234 0.000469 0 40 462572 4.263426 0.000639 0 240 462572 4.649659 0.001356 0 340 462572 4.516643 0.001195 0 340 462572 5.24172 0.001484 0 340 462572 4.070873 0.0015 0 340 462572 4.469814 0.001948 0 340 462572 4.892218 0.001869 0 340 462572 6.697343 0.000908 0.2 340 462572 6.780694 0.000593 0.1 340 462572 6.768516 0.000413 0 340 462572 6.966066 0.000368 0 340 462572 6.595 0.000425 0 340 462572 6.992382 0.000395 0 340 462572 7.130035 0.000326 0	340 462572 3.295234 0.000469 0 40 462572 4.263426 0.000639 0 240 462572 4.649659 0.001356 0 340 462572 4.516643 0.001195 0 340 462572 5.24172 0.001484 0 0 340 462572 4.070873 0.0015 0 0 340 462572 4.469814 0.001948 0 0 340 462572 4.892218 0.001869 0 0 340 462572 6.697343 0.000908 0.2 0.2 340 462572 6.780694 0.000593 0.1 0.1 340 462572 6.768516 0.000413 0 0 40 462572 6.966066 0.000368 0 0 340 462572 6.992382 0.000395 0 0 340 462572 6.992382 0.000326 0 0	440 462572 3.295234 0.000469 0 0 0 40 462572 4.263426 0.000639 0 0 0 240 462572 4.649659 0.001356 0 0 0 340 462572 4.516643 0.001195 0 0 0 340 462572 5.24172 0.001484 0 0 0 340 462572 4.070873 0.0015 0 0 0 340 462572 4.469814 0.001948 0 0 0 340 462572 4.892218 0.001869 0 0 0 340 462572 6.697343 0.000908 0.2 0.2 0 340 462572 6.780694 0.000593 0.1 0.1 0 340 462572 6.768516 0.000413 0 0 0 340 462572 6.966066 0.000368 0 0 0 340 462572 6.992382 0.000395 0 <	140 462572 3.295234 0.000469 0 0 0 1-HR 40 462572 4.263426 0.000639 0 0 0 1-HR 40 462572 4.649659 0.001356 0 0 0 1-HR 40 462572 4.516643 0.001195 0 0 0 1-HR 40 462572 5.24172 0.001484 0 0 0 1-HR 40 462572 4.070873 0.0015 0 0 0 1-HR 40 462572 4.469814 0.001948 0 0 0 1-HR 40 462572 4.892218 0.001869 0 0 0 1-HR 40 462572 6.697343 0.000908 0.2 0.2 0 1-HR 40 462572 6.780694 0.000593 0.1 0.1 0 1-HR 40 462572 6.768516 0.000413 0 0 0 1-HR 40 462572 6.595	40 462572 3.295234 0.000469 0 0 0 1-HR ALL 40 462572 4.263426 0.000639 0 0 0 1-HR ALL 40 462572 4.649659 0.001356 0 0 0 1-HR ALL 40 462572 4.516643 0.001195 0 0 0 1-HR ALL 40 462572 5.24172 0.001484 0 0 0 1-HR ALL 40 462572 4.070873 0.0015 0 0 0 1-HR ALL 40 462572 4.469814 0.001948 0 0 0 1-HR ALL 40 462572 4.892218 0.001869 0 0 0 1-HR ALL 40 462572 6.697343 0.000908 0.2 0.2 0 1-HR ALL 40 462572 6.768516 0.000413	440 462572 3.295234 0.000469 0 0 1-HR ALL 1ST 40 462572 4.263426 0.000639 0 0 0 1-HR ALL 1ST 40 462572 4.649659 0.001356 0 0 0 1-HR ALL 1ST 40 462572 4.516643 0.001195 0 0 0 1-HR ALL 1ST 40 462572 5.24172 0.001484 0 0 0 1-HR ALL 1ST 40 462572 4.070873 0.0015 0 0 0 1-HR ALL 1ST 40 462572 4.469814 0.001948 0 0 0 1-HR ALL 1ST 40 462572 4.892218 0.001869 0 0 0 1-HR ALL 1ST 40 462572 6.780694 0.000593 0.1 0.1 0 <td< td=""><td> 140</td></td<>	140

										UCAR	
327640	462572	5.949005	0.00021	0.4	0.4	0	1-HR	ALL	1ST	T1	18092801
										UCAR	
327740	462572	5.143089	0.000185	2.9	2.9	0	1-HR	ALL	1ST	T1	18092801
										UCAR	
327840	462572	4.393305	0.000163	4.2	4.2	0	1-HR	ALL	1ST	T1	18092801
007040	400570	0.700700	0.000440		0.0		4 1 1 1 1 1		40.	UCAR	4000004
327940	462572	3.768736	0.000142	3.9	3.9	0	1-HR	ALL	1ST	T1	18092801
328040	462572	3.580367	0.000129	0.7	0.7	0	1-HR	ALL	1ST	UCAR T1	18090315
320040	402372	3.360307	0.000129	0.7	0.7	U	I-IIK	ALL	131	UCAR	16090313
328140	462572	3.379588	0.000124	0	0	0	1-HR	ALL	1ST	T1	18091617
020110	102072	0.07 0000	0.000121	<u> </u>			1 1111	, ,,	101	UCAR	10001011
328240	462572	3.430662	0.000125	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
328340	462572	3.442945	0.000125	0	0	0	1-HR	ALL	1ST	T1	18091617
										UCAR	
328440	462572	3.425516	0.000125	0	0	0	1-HR	ALL	1ST	T1	18091617
222742	400==0	0.00=000	0.000101				4			UCAR	4000404=
328540	462572	3.385836	0.000124	0	0	0	1-HR	ALL	1ST	T1	18091617
224540	460670	2 620200	0.000457	_	0	_	4 110	A 1 1	1CT	UCAR	10110011
324540	462672	2.620288	0.000157	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112814
324640	462672	2.662515	0.000172	0	0	0	1-HR	ALL	1ST	T1	18112814
021010	102072	2.002010	0.000172	<u> </u>			1 111	7122	101	UCAR	10112014
324740	462672	2.719931	0.000187	0	0	0	1-HR	ALL	1ST	T1	18112814
										UCAR	
324840	462672	2.767451	0.0002	0	0	0	1-HR	ALL	1ST	T1	18112814
										UCAR	
324940	462672	2.878866	0.000213	0	0	0	1-HR	ALL	1ST	T1	18032017
				_	_					UCAR	
325040	462672	2.980989	0.000237	0	0	0	1-HR	ALL	1ST	T1	18032017
205440	460670	2 44220	0.000254	_	^	_	4 110		10T	UCAR	10022017
325140	462672	3.142298	0.000251	0	0	0	1-HR	ALL	1ST	T1	18032017

325240	462672	3.179576	0.000251	0	0	0	1-HR	ALL	1ST	UCAR T1	18032017
					-					UCAR	
325340	462672	3.200913	0.000229	0	0	0	1-HR	ALL	1ST	T1	18032017
005440	400070	0.074044	0.000040				4 110		407	UCAR	40004044
325440	462672	3.671011	0.000243	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021214
325540	462672	3.934884	0.000263	0	0	0	1-HR	ALL	1ST	T1	18021214
										UCAR	
325640	462672	4.26626	0.000261	0	0	0	1-HR	ALL	1ST	T1	18021214
										UCAR	
325740	462672	3.834303	0.000344	0	0	0	1-HR	ALL	1ST	T1	18021615
005040	400070	0.500544	0.00040				4 1 1 1 1 1		407	UCAR	40004045
325840	462672	2.569514	0.00042	0	0	0	1-HR	ALL	1ST	T1	18021615
205040	400070	0.000045	0.000050				4 110	A 1 1	407	UCAR	40000540
325940	462672	2.968015	0.000658	0	0	0	1-HR	ALL	1ST	T1	18030516
326040	462672	3.235082	0.000942	0	0	0	1-HR	ALL	1ST	UCAR T1	18030516
320040	402072	3.233002	0.000942	0	U	U	I-HK	ALL	101	UCAR	10030310
326140	462672	3.422061	0.000575	0	0	0	1-HR	ALL	1ST	T1	18110713
320140	402012	3.422001	0.000373	0	U	0	1-1111	ALL	101	UCAR	10110713
326240	462672	4.377388	0.000792	0	0	0	1-HR	ALL	1ST	T1	18032617
020210	102012	4.077000	0.000102				1 1111	/ \	101	UCAR	10002017
326340	462672	4.794134	0.000834	0	0	0	1-HR	ALL	1ST	T1	18032618
				_						UCAR	
326440	462672	4.608256	0.001893	0	0	0	1-HR	ALL	1ST	T1	18030517
										UCAR	
326540	462672	4.734972	0.000572	0	0	0	1-HR	ALL	1ST	T1	18021717
										UCAR	
326640	462672	4.768121	0.001598	0	0	0	1-HR	ALL	1ST	T1	18120318
										UCAR	
326740	462672	4.566768	0.001467	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
326840	462672	5.328331	0.001034	1.6	1.6	0	1-HR	ALL	1ST	T1	18120317

Environmental Impact Assessment (EIA) for the Waste to Energy Facility in Thilafushi Island, Maldives

UCAR 326940 462672 0.000918 1-HR ALL 1ST 18120317 5.051786 1 1 T1 **UCAR** 7.606278 1-HR **ALL** 327040 462672 0.000534 0 0 1ST T1 18072321 **UCAR** 327140 462672 6.329495 0.000487 0 0 1-HR **ALL** 1ST T1 18072321 **UCAR** 0.2 0.2 1-HR 1ST 327240 462672 6.314084 0.000364 ALL T1 18101322 UCAR 327340 462672 6.151892 0.000299 0.3 0.3 1-HR ALL 1ST T1 18051422 **UCAR** 8.0 1-HR 462672 6.273721 0.000219 8.0 327440 ALL 1ST T1 18043016 UCAR 462672 5.533336 0.000214 1.5 1-HR 1ST 327540 1.5 ALL T1 18043016 **UCAR** 3.2 3.2 327640 462672 5.37529 0.000178 1-HR **ALL** 1ST T1 18072221 UCAR 4.770198 0.000202 5.9 5.9 1-HR ALL 1ST T1 327740 462672 18091616 **UCAR** 327840 462672 4.108427 0.000226 5.8 5.8 1-HR ALL 1ST 18091616 T1 UCAR 4.324084 0.000232 3.7 3.7 1-HR **ALL** 327940 462672 1ST T1 18091616 UCAR 462672 328040 4.344884 0.000222 1.8 1.8 1-HR ALL 1ST T1 18091616 **UCAR** 328140 0.000202 **ALL** 462672 4.203992 0.1 0.1 1-HR 1ST T1 18091616 **UCAR** 328240 462672 3.9879 0 0 1-HR ALL 1ST 18091616 0.000178 0 T1 **UCAR** 328340 462672 3.863561 0.000152 0 0 1-HR ALL 1ST T1 18091616 **UCAR** 1-HR 462672 0 0 **ALL** 328440 3.680959 0.000134 1ST T1 18051423 **UCAR** 328540 462672 3.463791 0.00012 0 0 0 1-HR ALL 1ST 18051423 T1

										UCAR	
324540	462772	2.83874	0.000168	0	0	0	1-HR	ALL	1ST	T1	18032017
										UCAR	
324640	462772	2.915943	0.000163	0	0	0	1-HR	ALL	1ST	T1	18032017
										UCAR	
324740	462772	2.914341	0.00015	0	0	0	1-HR	ALL	1ST	T1	18032017
004040	400770	0.054707	0.000457				4		407	UCAR	40004044
324840	462772	3.251727	0.000157	0	0	0	1-HR	ALL	1ST	T1	18021214
324940	462772	3.674378	0.000172	0	0	0	1-HR	ALL	1ST	UCAR T1	18021214
324940	402112	3.074376	0.000172	0	0	U	I-HK	ALL	131	UCAR	10021214
325040	462772	3.969907	0.000181	0	0	0	1-HR	ALL	1ST	T1	18021214
323040	402112	3.303301	0.000101	0	0	0	1-111	ALL	101	UCAR	10021214
325140	462772	4.029493	0.000182	0	0	0	1-HR	ALL	1ST	T1	18021214
										UCAR	
325240	462772	3.780485	0.000172	0	0	0	1-HR	ALL	1ST	T1	18021214
										UCAR	
325340	462772	3.646984	0.000229	0	0	0	1-HR	ALL	1ST	T1	18021615
				_	_	_				UCAR	
325440	462772	3.434293	0.000279	0	0	0	1-HR	ALL	1ST	T1	18021615
005540	400770	0.050500	0.000007				4 110		40T	UCAR	40004045
325540	462772	3.258582	0.000297	0	0	0	1-HR	ALL	1ST	T1	18021615
325640	462772	3.065706	0.000406	0	0	0	1-HR	ALL	1ST	UCAR T1	18030516
323040	402112	3.003700	0.000400	0	0	0	1-111	ALL	101	UCAR	10030310
325740	462772	2.998624	0.00062	0	0	0	1-HR	ALL	1ST	T1	18030516
5201.10			0.0000=					7	1	UCAR	10000010
325840	462772	2.647702	0.000537	0	0	0	1-HR	ALL	1ST	T1	18030516
										UCAR	
325940	462772	2.668368	0.000406	0	0	0	1-HR	ALL	1ST	T1	18112613
										UCAR	
326040	462772	3.341947	0.000752	0	0	0	1-HR	ALL	1ST	T1	18110713
	400=	0.404654		_	_	_			40=	UCAR	100000:5
326140	462772	3.401801	0.000584	0	0	0	1-HR	ALL	1ST	T1	18032619

										UCAR	
326240	462772	3.844637	0.000561	0	0	0	1-HR	ALL	1ST	T1	18032618
	-			_	-					UCAR	
326340	462772	4.321843	0.001387	0	0	0	1-HR	ALL	1ST	T1	18041624
										UCAR	
326440	462772	4.129967	0.000475	0	0	0	1-HR	ALL	1ST	T1	18110520
				_	_	_				UCAR	
326540	462772	4.363102	0.000492	0	0	0	1-HR	ALL	1ST	T1	18021717
000040	400770	4.004000	0.000000		0	_	4 110		40T	UCAR	40000047
326640	462772	4.304239	0.000632	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032817
326740	462772	4.910583	0.001089	0	0	0	1-HR	ALL	1ST	T1	18032814
320740	402112	4.910303	0.001009	0	U	U	1-111	ALL	101	UCAR	10032014
326840	462772	4.457739	0.001029	0.7	0.7	0	1-HR	ALL	1ST	T1	18030518
020010	102172	1.107700	0.001020	0.7	0.7			7 12 2	101	UCAR	10000010
326940	462772	4.731296	0.000534	1	1	0	1-HR	ALL	1ST	T1	18120317
										UCAR	
327040	462772	7.348092	0.000715	0.5	0.5	0	1-HR	ALL	1ST	T1	18120317
										UCAR	
327140	462772	7.037253	0.000542	0.6	0.6	0	1-HR	ALL	1ST	T1	18120317
						_				UCAR	
327240	462772	6.180103	0.000329	1.3	1.3	0	1-HR	ALL	1ST	T1	18072321
207240	400770	E 0E040E	0.000007	4.0	4.0	_	4 110	A 1 1	40T	UCAR	10070001
327340	462772	5.658435	0.000397	1.8	1.8	0	1-HR	ALL	1ST	T1	18072321
327440	462772	4.930556	0.00032	2.5	2.5	0	1-HR	ALL	1ST	UCAR T1	18072321
321440	402112	4.930330	0.00032	2.5	2.0	0	1-1111	ALL	101	UCAR	10072321
327540	462772	4.841935	0.000237	1.3	1.3	0	1-HR	ALL	1ST	T1	18101322
021010	102772	1.011000	0.000207	1.0	1.0		1 1111	7 122	101	UCAR	10101022
327640	462772	4.752861	0.000255	1.1	1.1	0	1-HR	ALL	1ST	T1	18101322
										UCAR	
327740	462772	5.286693	0.000207	3.3	3.3	0	1-HR	ALL	1ST	T1	18051422
										UCAR	
327840	462772	5.074227	0.000158	5.2	5.2	0	1-HR	ALL	1ST	T1	18051422

462772	4.398714	0.000153	4.1	4.1	0	1-HR	ALL	1ST	UCAR T1	18043016
									UCAR	
402112	3.1 10121	0.000144	0.5	0.5	U	I-UK	ALL	101		18043016
462772	3.573819	0.000128	0	0	0	1-HR	ALL	1ST	T1	18072221
462772	3 203602	0.000115	0	0	0	1 LID	۸۱۱	1 9 T		18072221
402112	3.293092	0.000113	0	U	0	1-1111	ALL	101		10012221
462772	3.160141	0.000134	0	0	0	1-HR	ALL	1ST	T1	18091616
460770	2.062004	0.000149	0	0		1 LID	A	10T		10001616
402772	3.062901	0.000148	0	U	U	I-HK	ALL	151		18091616
462772	3.179717	0.000155	0	0	0	1-HR	ALL	1ST	T1	18091616
									UCAR	
462872	3.484017	0.000135	0	0	0	1-HR	ALL	1ST	T1	18021214
									UCAR	
462872	3.631587	0.000137	0	0	0	1-HR	ALL	1ST	T1	18021214
462872	3.616401	0.000134	0	0	0	1-HR	ALL	1ST		18112913
400070	0.004005	0.000404				4 115		407		40004045
462872	3.394235	0.000131	0	0	0	1-HK	ALL	151		18021615
462872	3.028842	0.000167	0	0	0	1-HR	ALL	1ST	T1	18021615
									UCAR	
462872	3.153281	0.000201	0	0	0	1-HR	ALL	1ST	T1	18021615
462872	3.342402	0.000223	0	0	0	1-HR	ALL	1ST		18021615
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462872	3.131801	0.000223	0	0	0	1-HR	ALL	1ST		18021615
462872	3 173938	0 000277	0	0	0	1 ₋ HR	ALI	1ST		18030516
102012	3.17 0000	0.000211		<u> </u>		1 1 11 1	/ \	101		10000010
462872	3.463619	0.000421	0	0	0	1-HR	ALL	1ST	T1	18030516
	462772 462772 462772 462872 462872 462872 462872 462872 462872 462872 462872 462872	462772 3.718727 462772 3.573819 462772 3.293692 462772 3.160141 462772 3.062901 462772 3.179717 462872 3.484017 462872 3.631587 462872 3.616401 462872 3.028842 462872 3.153281 462872 3.342402 462872 3.131801 462872 3.173938	462772 3.718727 0.000144 462772 3.573819 0.000128 462772 3.293692 0.000115 462772 3.160141 0.000134 462772 3.062901 0.000148 462772 3.179717 0.000155 462872 3.484017 0.000135 462872 3.616401 0.000134 462872 3.394235 0.000131 462872 3.153281 0.000201 462872 3.342402 0.000223 462872 3.131801 0.000223 462872 3.173938 0.000277	462772 3.718727 0.000144 0.5 462772 3.573819 0.000128 0 462772 3.293692 0.000115 0 462772 3.160141 0.000134 0 462772 3.062901 0.000148 0 462772 3.179717 0.000155 0 462872 3.484017 0.000135 0 462872 3.631587 0.000137 0 462872 3.616401 0.000134 0 462872 3.394235 0.000131 0 462872 3.153281 0.000201 0 462872 3.342402 0.000223 0 462872 3.131801 0.000223 0 462872 3.173938 0.000277 0	462772 3.718727 0.000144 0.5 0.5 462772 3.573819 0.000128 0 0 462772 3.293692 0.000115 0 0 462772 3.160141 0.000134 0 0 462772 3.062901 0.000148 0 0 462772 3.179717 0.000155 0 0 462872 3.484017 0.000135 0 0 462872 3.631587 0.000137 0 0 462872 3.394235 0.000134 0 0 462872 3.028842 0.000131 0 0 462872 3.153281 0.000201 0 0 462872 3.342402 0.000223 0 0 462872 3.131801 0.000223 0 0 462872 3.173938 0.000277 0 0	462772 3.718727 0.000144 0.5 0.5 0 462772 3.573819 0.000128 0 0 0 462772 3.293692 0.000115 0 0 0 462772 3.160141 0.000134 0 0 0 462772 3.062901 0.000148 0 0 0 462772 3.179717 0.000155 0 0 0 462872 3.484017 0.000135 0 0 0 462872 3.631587 0.000137 0 0 0 462872 3.616401 0.000134 0 0 0 462872 3.394235 0.000131 0 0 0 462872 3.153281 0.000201 0 0 0 462872 3.342402 0.000223 0 0 0 462872 3.131801 0.000223 0 0 0 462872 3.173938	462772 3.718727 0.000144 0.5 0.5 0 1-HR 462772 3.573819 0.000128 0 0 0 1-HR 462772 3.293692 0.000115 0 0 0 1-HR 462772 3.160141 0.000134 0 0 0 1-HR 462772 3.062901 0.000148 0 0 0 1-HR 462772 3.179717 0.000155 0 0 0 1-HR 462872 3.484017 0.000135 0 0 0 1-HR 462872 3.631587 0.000137 0 0 0 1-HR 462872 3.616401 0.000134 0 0 0 1-HR 462872 3.394235 0.000131 0 0 0 1-HR 462872 3.153281 0.000201 0 0 0 1-HR 462872 3.342402 0.000223 0 0	462772 3.718727 0.000144 0.5 0.5 0 1-HR ALL 462772 3.573819 0.000128 0 0 0 1-HR ALL 462772 3.293692 0.000115 0 0 0 1-HR ALL 462772 3.160141 0.000134 0 0 0 1-HR ALL 462772 3.062901 0.000148 0 0 0 1-HR ALL 462772 3.179717 0.000155 0 0 0 1-HR ALL 462872 3.484017 0.000135 0 0 0 1-HR ALL 462872 3.631587 0.000137 0 0 0 1-HR ALL 462872 3.394235 0.000134 0 0 0 1-HR ALL 462872 3.028842 0.000167 0 0 0 1-HR ALL 462872 3.342402 0.000223	462772 3.718727 0.000144 0.5 0.5 0 1-HR ALL 1ST 462772 3.573819 0.000128 0 0 0 1-HR ALL 1ST 462772 3.293692 0.000115 0 0 0 1-HR ALL 1ST 462772 3.160141 0.000134 0 0 0 1-HR ALL 1ST 462772 3.062901 0.000148 0 0 0 1-HR ALL 1ST 462772 3.179717 0.000155 0 0 0 1-HR ALL 1ST 462872 3.484017 0.000135 0 0 1-HR ALL 1ST 462872 3.616401 0.000137 0 0 1-HR ALL 1ST 462872 3.394235 0.000131 0 0 1-HR ALL 1ST 462872 3.153281 0.000201 0 0 1-HR	462772 3.718727 0.000144 0.5 0.5 0 1-HR ALL 1ST T1 UCAR UCAR T1 UCAR UCAR T1 UCAR UCAR T1 UCAR U

										UCAR	
325540	462872	3.112601	0.000463	0	0	0	1-HR	ALL	1ST	T1	18030516
										UCAR	
325640	462872	3.163269	0.00032	0	0	0	1-HR	ALL	1ST	T1	18030516
				_						UCAR	
325740	462872	2.718532	0.000313	0	0	0	1-HR	ALL	1ST	T1	18112613
325840	462872	3.675658	0.000551	0	0	0	1-HR	ALL	1ST	UCAR T1	18110713
323040	402072	3.07.3030	0.000331	0	0	0	1-111	ALL	101	UCAR	10110113
325940	462872	2.668498	0.000434	0	0	0	1-HR	ALL	1ST	T1	18021619
0_00.0										UCAR	
326040	462872	2.624941	0.000503	0	0	0	1-HR	ALL	1ST	T1	18032619
										UCAR	
326140	462872	3.241848	0.000416	0	0	0	1-HR	ALL	1ST	T1	18032618
000040	400070	0.000004	0.000005	0			4 115		407	UCAR	40440740
326240	462872	3.200604	0.000635	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110712
326340	462872	3.587123	0.000662	0	0	0	1-HR	ALL	1ST	T1	18030517
320340	402012	3.307 123	0.000002	0	0	0	1-111	ALL	101	UCAR	10030317
326440	462872	5.285625	0.001295	0	0	0	1-HR	ALL	1ST	T1	18031521
										UCAR	
326540	462872	3.879393	0.00043	0	0	0	1-HR	ALL	1ST	T1	18110715
										UCAR	
326640	462872	3.989401	0.000596	0	0	0	1-HR	ALL	1ST	T1	18032821
000740	400070	0.0040	0.000000	0	0		4 110		40T	UCAR	40400040
326740	462872	3.8848	0.000886	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120318
326840	462872	3.90233	0.000557	0	0	0	1-HR	ALL	1ST	T1	18032814
320040	402072	3.90233	0.000337	0	0	0	1-111	ALL	101	UCAR	10032014
326940	462872	4.609087	0.000759	0.6	0.6	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327040	462872	6.039223	0.000333	1.4	1.4	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
327140	462872	5.76784	0.000475	2	2	0	1-HR	ALL	1ST	T1	18120317

										UCAR	
327240	462872	6.653485	0.000482	1.9	1.9	0	1-HR	ALL	1ST	T1	18120317
										UCAR	
327340	462872	6.20069	0.000352	1.8	1.8	0	1-HR	ALL	1ST	T1	18120317
										UCAR	
327440	462872	4.465077	0.000268	1.7	1.7	0	1-HR	ALL	1ST	T1	18050523
007540	400070	4.00000	0.000000	0.0	0.0		4 110		4.OT	UCAR	4007004
327540	462872	4.66869	0.000298	0.3	0.3	0	1-HR	ALL	1ST	T1 UCAR	18072321
327640	462872	4.300627	0.000295	0	0	0	1-HR	ALL	1ST	T1	18072321
327040	402072	4.300027	0.000293	U	U	U	1-1111	ALL	131	UCAR	10072321
327740	462872	4.028771	0.000232	0	0	0	1-HR	ALL	1ST	T1	18072321
021710	102012	1.020771	0.000202	<u> </u>				,	101	UCAR	10012021
327840	462872	3.639904	0.000168	0.9	0.9	0	1-HR	ALL	1ST	T1	18101322
										UCAR	
327940	462872	3.853117	0.000202	1.8	1.8	0	1-HR	ALL	1ST	T1	18101322
										UCAR	
328040	462872	3.995473	0.000182	0.3	0.3	0	1-HR	ALL	1ST	T1	18101322
000440	400070	4.400007	0.000457				4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		107	UCAR	10051100
328140	462872	4.139007	0.000157	0	0	0	1-HR	ALL	1ST	T1	18051422
328240	462872	2 047754	0.000125	0	0	0	1-HR	A11	1ST	UCAR T1	10051400
320240	402072	3.947754	0.000125	0	U	U	I-IIK	ALL	131	UCAR	18051422
328340	462872	3.543496	0.000115	0	0	0	1-HR	ALL	1ST	T1	18043016
020010	102012	0.010100	0.000110	<u> </u>			1 111	712	101	UCAR	10010010
328440	462872	3.041234	0.000114	0	0	0	1-HR	ALL	1ST	T1	18043016
										UCAR	
328540	462872	2.850847	0.000107	0	0	0	1-HR	ALL	1ST	T1	18043016
										UCAR	
324540	462972	2.800273	0.000129	0	0	0	1-HR	ALL	1ST	T1	18021615
				_	_	_				UCAR	
324640	462972	2.85087	0.000153	0	0	0	1-HR	ALL	1ST	T1	18021615
204740	400070	0.0004	0.000470	•	_		4 115		10T	UCAR	10001015
324740	462972	2.9381	0.000172	0	0	0	1-HR	ALL	1ST	T1	18021615

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462972	2.999025	0.000181	0	0	0	1-HR	ALL	1ST	T1	18021615
									UCAR	
462972	2.79215	0.000178	0	0	0	1-HR	ALL	1ST	T1	18111513
400070	2.40724	0.000004	0	0		4 110		4 C T		40440040
462972	3.12734	0.000204	U	U	U	1-HK	ALL	151		18112813
462972	3.317945	0.0003	0	0	0	1-HR	ALL	1ST	T1	18030516
			-						UCAR	
462972	3.160193	0.000361	0	0	0	1-HR	ALL	1ST		18030516
400070	0.400000	0.000000	0	0		4 110		40T		40000540
462972	3.163609	0.000326	0	0	0	1-HK	ALL	181		18030516
462972	3 385327	0.000201	0	0	0	1-HR	ALI	1ST		18030516
102012	0.000021	0.000201	-		-		,	1.0.	UCAR	10000010
462972	2.971607	0.000254	0	0	0	1-HR	ALL	1ST	T1	18112613
400070	0.045040	0.00000	•			4 115		107		40440740
462972	3.845212	0.000399	0	0	0	1-HR	ALL	181		18110713
462972	3 261572	0 000378	0	0	0	1 ₋ HR	ALI	1ST		18110713
102012	0.201072	0.000010	<u> </u>				,	101		10110110
462972	2.259384	0.000287	0	0	0	1-HR	ALL	1ST	T1	18021619
				_						
462972	2.002552	0.000391	0	0	0	1-HR	ALL	1ST		18021618
462972	2 769148	0 000326	0	0	0	1_HR	ΔΙΙ	1ST		18032618
402312	2.703140	0.000320	U	0	0	1-111	ALL	101		10032010
462972	3.060572	0.000466	0	0	0	1-HR	ALL	1ST	T1	18110714
									UCAR	
462972	3.283	0.00103	0	0	0	1-HR	ALL	1ST		18030517
462072	3 228008	0.000281	0	0	0	1 40	٨١١	1ST		18110520
402972	3.220090	0.000201	U	0	0	1-1115	ALL	131		10110320
462972	4.662418	0.000996	0	0	0	1-HR	ALL	1ST	T1	18031521
	462972 462972 462972 462972 462972 462972 462972 462972 462972 462972 462972 462972 462972 462972	462972 2.79215 462972 3.12734 462972 3.317945 462972 3.160193 462972 3.163609 462972 3.385327 462972 2.971607 462972 3.845212 462972 3.261572 462972 2.259384 462972 2.769148 462972 3.060572 462972 3.283 462972 3.228098	462972 2.79215 0.000178 462972 3.12734 0.000204 462972 3.317945 0.0003 462972 3.160193 0.000361 462972 3.163609 0.000326 462972 3.385327 0.000201 462972 2.971607 0.000254 462972 3.845212 0.000399 462972 3.261572 0.000378 462972 2.259384 0.000287 462972 2.769148 0.000326 462972 3.060572 0.000466 462972 3.283 0.00103 462972 3.228098 0.000281	462972 2.79215 0.000178 0 462972 3.12734 0.000204 0 462972 3.317945 0.0003 0 462972 3.160193 0.000361 0 462972 3.163609 0.000326 0 462972 3.385327 0.000201 0 462972 2.971607 0.000254 0 462972 3.845212 0.000399 0 462972 3.261572 0.000378 0 462972 2.259384 0.000287 0 462972 2.002552 0.000391 0 462972 2.769148 0.000326 0 462972 3.060572 0.000466 0 462972 3.283 0.00103 0 462972 3.228098 0.000281 0	462972 2.79215 0.000178 0 0 462972 3.12734 0.000204 0 0 462972 3.317945 0.0003 0 0 462972 3.160193 0.000361 0 0 462972 3.163609 0.000326 0 0 462972 3.385327 0.000201 0 0 462972 2.971607 0.000254 0 0 462972 3.845212 0.000399 0 0 462972 3.261572 0.000378 0 0 462972 2.259384 0.000287 0 0 462972 2.769148 0.000326 0 0 462972 3.060572 0.000466 0 0 462972 3.283 0.00103 0 0 462972 3.228098 0.000281 0 0	462972 2.79215 0.000178 0 0 462972 3.12734 0.000204 0 0 462972 3.317945 0.0003 0 0 0 462972 3.160193 0.000361 0 0 0 462972 3.163609 0.000326 0 0 0 462972 3.385327 0.000201 0 0 0 462972 2.971607 0.000254 0 0 0 462972 3.845212 0.000399 0 0 0 462972 3.261572 0.000378 0 0 0 462972 2.259384 0.000287 0 0 0 462972 2.002552 0.000391 0 0 0 462972 3.060572 0.000466 0 0 0 462972 3.283 0.00103 0 0 0 462972 3.228098 0.000281 0 0 0	462972 2.79215 0.000178 0 0 1-HR 462972 3.12734 0.000204 0 0 0 1-HR 462972 3.317945 0.0003 0 0 0 1-HR 462972 3.160193 0.000361 0 0 0 1-HR 462972 3.163609 0.000326 0 0 0 1-HR 462972 3.385327 0.000201 0 0 0 1-HR 462972 2.971607 0.000254 0 0 0 1-HR 462972 3.845212 0.000399 0 0 1-HR 462972 3.261572 0.000378 0 0 1-HR 462972 2.259384 0.000287 0 0 1-HR 462972 2.002552 0.000391 0 0 1-HR 462972 3.060572 0.000466 0 0 0 1-HR 462972 3.228098 0.000281 0 0 0 1-HR	462972 2.79215 0.000178 0 0 1-HR ALL 462972 3.12734 0.000204 0 0 0 1-HR ALL 462972 3.317945 0.0003 0 0 0 1-HR ALL 462972 3.160193 0.000361 0 0 0 1-HR ALL 462972 3.163609 0.000326 0 0 0 1-HR ALL 462972 3.385327 0.000201 0 0 0 1-HR ALL 462972 2.971607 0.000254 0 0 0 1-HR ALL 462972 3.845212 0.000399 0 0 0 1-HR ALL 462972 3.261572 0.000378 0 0 0 1-HR ALL 462972 2.002552 0.000391 0 0 0 1-HR ALL 462972 3.060572 0.000466 0 0	462972 2.79215 0.000178 0 0 1-HR ALL 1ST 462972 3.12734 0.000204 0 0 0 1-HR ALL 1ST 462972 3.317945 0.0003 0 0 0 1-HR ALL 1ST 462972 3.160193 0.000361 0 0 0 1-HR ALL 1ST 462972 3.163609 0.000326 0 0 0 1-HR ALL 1ST 462972 3.385327 0.000201 0 0 0 1-HR ALL 1ST 462972 2.971607 0.000254 0 0 0 1-HR ALL 1ST 462972 3.261572 0.000399 0 0 1-HR ALL 1ST 462972 3.261572 0.000378 0 0 1-HR ALL 1ST 462972 2.02552 0.000391 0 0 1-HR ALL </td <td>462972 2.79215 0.000178 0 0 1-HR ALL 1ST T1 462972 3.12734 0.000204 0 0 1-HR ALL 1ST T1 462972 3.317945 0.0003 0 0 0 1-HR ALL 1ST T1 462972 3.160193 0.000361 0 0 0 1-HR ALL 1ST T1 462972 3.163609 0.000326 0 0 0 1-HR ALL 1ST T1 462972 3.385327 0.000201 0 0 0 1-HR ALL 1ST T1 462972 2.971607 0.000254 0 0 0 1-HR ALL 1ST T1 462972 3.845212 0.000399 0 0 0 1-HR ALL 1ST T1 462972 3.25384 0.000287 0 0 0 1-HR ALL 1S</td>	462972 2.79215 0.000178 0 0 1-HR ALL 1ST T1 462972 3.12734 0.000204 0 0 1-HR ALL 1ST T1 462972 3.317945 0.0003 0 0 0 1-HR ALL 1ST T1 462972 3.160193 0.000361 0 0 0 1-HR ALL 1ST T1 462972 3.163609 0.000326 0 0 0 1-HR ALL 1ST T1 462972 3.385327 0.000201 0 0 0 1-HR ALL 1ST T1 462972 2.971607 0.000254 0 0 0 1-HR ALL 1ST T1 462972 3.845212 0.000399 0 0 0 1-HR ALL 1ST T1 462972 3.25384 0.000287 0 0 0 1-HR ALL 1S

326540	462972	3.521352	0.000376	0	0	0	1-HR	ALL	1ST	UCAR T1	18110715
					0				1CT	UCAR	
326640	462972	3.380281	0.000433	0	0	0	1-HR	ALL	1ST	T1	18041702
326740	462972	6.340668	0.000682	0	0	0	1-HR	ALL	1ST	UCAR T1	18120319
										UCAR	
326840	462972	6.514128	0.000585	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
326940	462972	4.519163	0.000357	0	0	0	1-HR	ALL	1ST	T1	18041719
										UCAR	
327040	462972	4.874419	0.000587	0.1	0.1	0	1-HR	ALL	1ST	T1	18030518
02.0.0	.020.2		0.00000.					7		UCAR	
327140	462972	6.263561	0.000306	1.1	1.1	0	1-HR	ALL	1ST	T1	18111013
027 140	402012	0.200001	0.000000	1.1	1.1	0	1 1 11 1	/\	101	UCAR	10111010
327240	462972	4.581934	0.000303	1	1	0	1-HR	ALL	1ST	T1	18120317
321240	402312	4.301334	0.000303	1	1	0	1-1111	ALL	101	UCAR	10120317
327340	462972	5.721847	0.000385	0.6	0.6	0	1-HR	ALL	1ST	T1	18032919
327340	402972	3.721047	0.000363	0.0	0.0	U	1-HK	ALL	101	UCAR	10032919
207440	400070	E 740040	0.000005	0.0	0.0	_	4 110	A 1 1	4 C T		40400047
327440	462972	5.742213	0.000335	0.3	0.3	0	1-HR	ALL	1ST	T1	18120317
00==40	4000=0								40-	UCAR	10111011
327540	462972	5.043265	0.000284	0	0	0	1-HR	ALL	1ST	T1	18111014
				_	_	_				UCAR	
327640	462972	3.975188	0.000231	0	0	0	1-HR	ALL	1ST	T1	18050523
										UCAR	
327740	462972	4.013742	0.000227	0	0	0	1-HR	ALL	1ST	T1	18102413
										UCAR	
327840	462972	4.183594	0.000248	0	0	0	1-HR	ALL	1ST	T1	18072321
										UCAR	
327940	462972	3.489359	0.000226	0	0	0	1-HR	ALL	1ST	T1	18072321
										UCAR	
328040	462972	3.430425	0.000177	0	0	0	1-HR	ALL	1ST	T1	18072321
										UCAR	
328140	462972	3.245382	0.00013	0	0	0	1-HR	ALL	1ST	T1	18091615
520.10	.02012	5.E .550E	0.00010								

40 462972	3.120135	0.000159	0	0	0	1-HR	ALL	1ST	UCAR T1	18101322
				-					UCAR	
40 462972	3.441542	0.000161	0	0	0	1-HR	ALL	151		18101322
462972	3.505242	0.000138	0	0	0	1-HR	ALL	1ST		18051422
			_		_					
462972	3.335783	0.000125	0	0	0	1-HR	ALL	1ST	T1	18051422
									UCAR	
40 463072	2.622995	0.000148	0	0	0	1-HR	ALL	1ST		18021615
463072	2.613109	0.000146	0	0	0	1-HR	ALL	1ST		18111513
			_	_	_					
40 463072	2.922508	0.000167	0	0	0	1-HR	ALL	1ST		18112813
400000	0.000404							40-		40000=40
40 463072	2.992191	0.000222	0	0	0	1-HR	ALL	1ST		18030516
400070	0.007474	0.00070				4 1 15		407		40000540
40 463072	3.037474	0.000278	0	0	0	1-HK	ALL	151		18030516
40070	0.400040	0.000005	0	_		4 110	A 1 1	407		40000540
40 463072	3.108019	0.000285	U	U	U	1-HK	ALL	151		18030516
462070	0.000640	0.000000	0	_	0	4 110	A 1 1	4CT		10000516
40 403072	2.939018	0.000228	0	U	U	I-HK	ALL	151		18030516
10 463072	3 326804	0.000164	0	0	_	1_HR	ΔΙΙ	1ST		18111514
403072	3.320034	0.000104	0	0	0	1-1111	ALL	101		10111314
463072	2 957077	0.000212	0	0	0	1-HR	ΔΙΙ	1ST		18112613
400072	2.501011	0.000212	0		0	1-111	/ \	101		10112010
40 463072	3 570324	0 000298	0	0	0	1-HR	ALI	1ST		18110713
100012	0.07.002.1	0.000200	-				,	101		10110110
463072	3.766563	0.000346	0	0	0	1-HR	ALL	1ST	T1	18110713
						1	-			10110
463072	2.119431	0.000293	0	0	0	1-HR	ALL	1ST	T1	18021619
									UCAR	
463072	1.804758	0.000314	0	0	0	1-HR	ALL	1ST	T1	18032619
	40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072 40 463072	40 462972 3.441542 40 462972 3.505242 40 462972 3.335783 40 463072 2.622995 40 463072 2.922508 40 463072 2.992191 40 463072 3.168619 40 463072 3.326894 40 463072 3.570324 40 463072 3.570324 40 463072 3.766563 40 463072 2.119431	40 462972 3.441542 0.000161 40 462972 3.505242 0.000138 40 462972 3.335783 0.000125 40 463072 2.622995 0.000148 40 463072 2.613109 0.000146 40 463072 2.922508 0.000167 40 463072 2.992191 0.000222 40 463072 3.168619 0.000278 40 463072 3.326894 0.000285 40 463072 3.326894 0.000164 40 463072 3.570324 0.000298 40 463072 3.766563 0.000346 40 463072 3.766563 0.000346 40 463072 2.119431 0.000293	40 462972 3.441542 0.000161 0 40 462972 3.505242 0.000138 0 40 462972 3.335783 0.000125 0 40 463072 2.622995 0.000148 0 40 463072 2.613109 0.000146 0 40 463072 2.922508 0.000167 0 40 463072 2.992191 0.000222 0 40 463072 3.168619 0.000285 0 40 463072 2.939618 0.000228 0 40 463072 3.326894 0.000164 0 40 463072 3.570324 0.000298 0 40 463072 3.570324 0.000298 0 40 463072 3.766563 0.000346 0 40 463072 2.119431 0.000293 0	40 462972 3.441542 0.000161 0 0 40 462972 3.505242 0.000138 0 0 40 462972 3.335783 0.000125 0 0 40 463072 2.622995 0.000148 0 0 40 463072 2.613109 0.000146 0 0 40 463072 2.922508 0.000167 0 0 40 463072 2.992191 0.000222 0 0 40 463072 3.037474 0.000278 0 0 40 463072 3.168619 0.000285 0 0 40 463072 3.326894 0.000228 0 0 40 463072 3.326894 0.000164 0 0 40 463072 3.570324 0.000298 0 0 40 463072 3.766563 0.000346 0 0 40 463072 3.766563 0.000346 0 0	40 462972 3.441542 0.000161 0 0 0 40 462972 3.505242 0.000138 0 0 0 40 462972 3.335783 0.000125 0 0 0 40 463072 2.622995 0.000148 0 0 0 40 463072 2.613109 0.000146 0 0 0 40 463072 2.922508 0.000167 0 0 0 40 463072 2.992191 0.000222 0 0 0 40 463072 3.168619 0.000278 0 0 0 40 463072 3.168619 0.000285 0 0 0 40 463072 3.326894 0.00028 0 0 0 40 463072 3.570324 0.000298 0 0 0 40 463072 3.766563 0.000346 0 0 0 40 463072 2.119431 0.000293 0 0 <t< td=""><td>40 462972 3.441542 0.000161 0 0 0 1-HR 40 462972 3.505242 0.000138 0 0 0 1-HR 40 462972 3.335783 0.000125 0 0 0 1-HR 40 463072 2.622995 0.000148 0 0 0 1-HR 40 463072 2.613109 0.000146 0 0 0 1-HR 40 463072 2.922508 0.000167 0 0 0 1-HR 40 463072 2.992191 0.000222 0 0 0 1-HR 40 463072 3.037474 0.000278 0 0 1-HR 40 463072 3.168619 0.000285 0 0 0 1-HR 40 463072 3.326894 0.000164 0 0 0 1-HR 40 463072 3.570324 0.000298 0 0 0 1-HR 40 463072 3.766563 0.000346<!--</td--><td>40 462972 3.441542 0.000161 0 0 1-HR ALL 40 462972 3.505242 0.000138 0 0 0 1-HR ALL 40 462972 3.335783 0.000125 0 0 0 1-HR ALL 40 463072 2.622995 0.000148 0 0 0 1-HR ALL 40 463072 2.613109 0.000146 0 0 0 1-HR ALL 40 463072 2.922508 0.000167 0 0 0 1-HR ALL 40 463072 2.992191 0.000222 0 0 0 1-HR ALL 40 463072 3.037474 0.000278 0 0 0 1-HR ALL 40 463072 3.326894 0.000285 0 0 0 1-HR ALL 40 463072 3.570324 0.000298 0</td><td>40 462972 3.441542 0.000161 0 0 1-HR ALL 1ST 40 462972 3.505242 0.000138 0 0 0 1-HR ALL 1ST 40 462972 3.335783 0.000125 0 0 0 1-HR ALL 1ST 40 463072 2.622995 0.000148 0 0 0 1-HR ALL 1ST 40 463072 2.613109 0.000146 0 0 0 1-HR ALL 1ST 40 463072 2.922508 0.000167 0 0 1-HR ALL 1ST 40 463072 3.037474 0.000222 0 0 0 1-HR ALL 1ST 40 463072 3.168619 0.000285 0 0 0 1-HR ALL 1ST 40 463072 2.939618 0.000285 0 0 0 1-HR <t< td=""><td>40</td></t<></td></td></t<>	40 462972 3.441542 0.000161 0 0 0 1-HR 40 462972 3.505242 0.000138 0 0 0 1-HR 40 462972 3.335783 0.000125 0 0 0 1-HR 40 463072 2.622995 0.000148 0 0 0 1-HR 40 463072 2.613109 0.000146 0 0 0 1-HR 40 463072 2.922508 0.000167 0 0 0 1-HR 40 463072 2.992191 0.000222 0 0 0 1-HR 40 463072 3.037474 0.000278 0 0 1-HR 40 463072 3.168619 0.000285 0 0 0 1-HR 40 463072 3.326894 0.000164 0 0 0 1-HR 40 463072 3.570324 0.000298 0 0 0 1-HR 40 463072 3.766563 0.000346 </td <td>40 462972 3.441542 0.000161 0 0 1-HR ALL 40 462972 3.505242 0.000138 0 0 0 1-HR ALL 40 462972 3.335783 0.000125 0 0 0 1-HR ALL 40 463072 2.622995 0.000148 0 0 0 1-HR ALL 40 463072 2.613109 0.000146 0 0 0 1-HR ALL 40 463072 2.922508 0.000167 0 0 0 1-HR ALL 40 463072 2.992191 0.000222 0 0 0 1-HR ALL 40 463072 3.037474 0.000278 0 0 0 1-HR ALL 40 463072 3.326894 0.000285 0 0 0 1-HR ALL 40 463072 3.570324 0.000298 0</td> <td>40 462972 3.441542 0.000161 0 0 1-HR ALL 1ST 40 462972 3.505242 0.000138 0 0 0 1-HR ALL 1ST 40 462972 3.335783 0.000125 0 0 0 1-HR ALL 1ST 40 463072 2.622995 0.000148 0 0 0 1-HR ALL 1ST 40 463072 2.613109 0.000146 0 0 0 1-HR ALL 1ST 40 463072 2.922508 0.000167 0 0 1-HR ALL 1ST 40 463072 3.037474 0.000222 0 0 0 1-HR ALL 1ST 40 463072 3.168619 0.000285 0 0 0 1-HR ALL 1ST 40 463072 2.939618 0.000285 0 0 0 1-HR <t< td=""><td>40</td></t<></td>	40 462972 3.441542 0.000161 0 0 1-HR ALL 40 462972 3.505242 0.000138 0 0 0 1-HR ALL 40 462972 3.335783 0.000125 0 0 0 1-HR ALL 40 463072 2.622995 0.000148 0 0 0 1-HR ALL 40 463072 2.613109 0.000146 0 0 0 1-HR ALL 40 463072 2.922508 0.000167 0 0 0 1-HR ALL 40 463072 2.992191 0.000222 0 0 0 1-HR ALL 40 463072 3.037474 0.000278 0 0 0 1-HR ALL 40 463072 3.326894 0.000285 0 0 0 1-HR ALL 40 463072 3.570324 0.000298 0	40 462972 3.441542 0.000161 0 0 1-HR ALL 1ST 40 462972 3.505242 0.000138 0 0 0 1-HR ALL 1ST 40 462972 3.335783 0.000125 0 0 0 1-HR ALL 1ST 40 463072 2.622995 0.000148 0 0 0 1-HR ALL 1ST 40 463072 2.613109 0.000146 0 0 0 1-HR ALL 1ST 40 463072 2.922508 0.000167 0 0 1-HR ALL 1ST 40 463072 3.037474 0.000222 0 0 0 1-HR ALL 1ST 40 463072 3.168619 0.000285 0 0 0 1-HR ALL 1ST 40 463072 2.939618 0.000285 0 0 0 1-HR <t< td=""><td>40</td></t<>	40

										UCAR	
325840	463072	1.804363	0.000322	0	0	0	1-HR	ALL	1ST	T1	18032620
										UCAR	
325940	463072	2.319717	0.000265	0	0	0	1-HR	ALL	1ST	T1	18032618
										UCAR	
326040	463072	2.644109	0.000463	0	0	0	1-HR	ALL	1ST	T1	18110714
200440	400070	0.00047	0.000740	0	_		4 110		10T	UCAR	40044604
326140	463072	2.99647	0.000743	0	0	0	1-HR	ALL	1ST	T1 UCAR	18041624
326240	463072	2.826538	0.000367	0	0	0	1-HR	ALL	1ST	T1	18041623
320240	403072	2.020330	0.000307	0	0	0	1-1111	ALL	101	UCAR	10041023
326340	463072	4.432144	0.000238	0	0	0	1-HR	ALL	1ST	T1	18110520
0_00.0	10001									UCAR	
326440	463072	2.833606	0.000664	0	0	0	1-HR	ALL	1ST	T1	18041701
										UCAR	
326540	463072	3.177652	0.000331	0	0	0	1-HR	ALL	1ST	T1	18110715
				_	_	_				UCAR	
326640	463072	3.111261	0.000427	0	0	0	1-HR	ALL	1ST	T1	18032820
226740	462070	E E0707E	0.000405	0	_	_	4 110	A 1 1	4CT	UCAR	10000017
326740	463072	5.597975	0.000425	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032817
326840	463072	3.370147	0.000569	0	0	0	1-HR	ALL	1ST	T1	18120318
320040	+03012	0.070147	0.000000	0	0	0	1-111	ALL	101	UCAR	10120310
326940	463072	4.541458	0.000605	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
327040	463072	6.250316	0.000267	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327140	463072	4.920527	0.000471	0	0	0	1-HR	ALL	1ST	T1	18030518
007015	4000-5	.		_	_	_		 		UCAR	1044405
327240	463072	5.801478	0.000284	0	0	0	1-HR	ALL	1ST	T1	18111013
227240	462070	4 602424	0.000000	_	_	_	1 UD	A	101	UCAR	10100444
327340	463072	4.693434	0.000222	0	0	0	1-HR	ALL	1ST	T1 UCAR	18102414
327440	463072	4.421281	0.000304	0	0	0	1-HR	ALL	1ST	T1	18032919
JZ1440	403012	4.42 1201	0.000304	U	l U	U	1-1111	^LL	101		10032313

										UCAR	
327540	463072	5.009512	0.000281	0	0	0	1-HR	ALL	1ST	T1	18120317
										UCAR	
327640	463072	4.944077	0.000246	0	0	0	1-HR	ALL	1ST	T1	18111014
				_	_	_				UCAR	
327740	463072	4.419031	0.000236	0	0	0	1-HR	ALL	1ST	T1	18111014
007040	400070	0.00000	0.0000	0	0		4 110		40T	UCAR	40050500
327840	463072	3.680368	0.0002	0	0	0	1-HR	ALL	1ST	T1 UCAR	18050523
327940	463072	3.459225	0.000176	0	0	0	1-HR	ALL	1ST	T1	18102413
321940	403072	3.439223	0.000170	0	U	0	1-1111	ALL	101	UCAR	10102413
328040	463072	3.746309	0.0002	0	0	0	1-HR	ALL	1ST	T1	18072321
0200.0	100012	011 10000	0.0002					7 122	101	UCAR	10012021
328140	463072	3.465995	0.000203	0	0	0	1-HR	ALL	1ST	T1	18072321
										UCAR	
328240	463072	3.090565	0.000178	0	0	0	1-HR	ALL	1ST	T1	18072321
										UCAR	
328340	463072	3.088404	0.000141	0	0	0	1-HR	ALL	1ST	T1	18091615
000440	400070	0.040007	0.000440				4 1 1 1 1 1 1 1		407	UCAR	10001015
328440	463072	2.912207	0.000113	0	0	0	1-HR	ALL	1ST	T1	18091615
328540	463072	2 000422	0.000107	0	0	0	1-HR	ALL	1ST	UCAR T1	10101222
320340	403072	2.880422	0.000127	0	U	U	I-IIK	ALL	101	UCAR	18101322
324540	463172	2.748526	0.000169	0	0	0	1-HR	ALL	1ST	T1	18030516
021010	100172	2.7 10020	0.000100	0			1 111	/ LL	101	UCAR	10000010
324640	463172	2.771706	0.000216	0	0	0	1-HR	ALL	1ST	T1	18030516
										UCAR	
324740	463172	2.874673	0.000238	0	0	0	1-HR	ALL	1ST	T1	18030516
										UCAR	
324840	463172	2.972185	0.000218	0	0	0	1-HR	ALL	1ST	T1	18030516
										UCAR	
324940	463172	2.819499	0.000161	0	0	0	1-HR	ALL	1ST	T1	18030516
005040	400470	0.440400	0.000400	_	_		4 115		407	UCAR	40444544
325040	463172	3.143402	0.000136	0	0	0	1-HR	ALL	1ST	T1	18111514

325140	463172	2.81753	0.000181	0	0	0	1-HR	ALL	1ST	UCAR T1	18112613
325240	463172	3.170968	0.00023	0	0	0	1-HR	ALL	1ST	UCAR T1	18110713
323240	403172	3.170900	0.00023	0	U	U	I-HK	ALL	131	UCAR	10110/13
325340	463172	3.714616	0.000292	0	0	0	1-HR	ALL	1ST	T1	18110713
										UCAR	
325440	463172	2.846632	0.000274	0	0	0	1-HR	ALL	1ST	T1	18032617
										UCAR	
325540	463172	1.589434	0.000213	0	0	0	1-HR	ALL	1ST	T1	18021619
				_	_	_				UCAR	
325640	463172	1.412912	0.000302	0	0	0	1-HR	ALL	1ST	T1	18032619
										UCAR	
325740	463172	1.579487	0.000306	0	0	0	1-HR	ALL	1ST	T1	18032618
007040	400470	4 00 400 4							40-	UCAR	40000040
325840	463172	1.934004	0.000221	0	0	0	1-HR	ALL	1ST	T1	18032618
207242	400470	0.04000=	0.00044						40-	UCAR	10110=11
325940	463172	2.216997	0.00041	0	0	0	1-HR	ALL	1ST	T1	18110714
000040	400470	0.047000	0.000400				4 1 15		407	UCAR	40044004
326040	463172	2.347696	0.000423	0	0	0	1-HR	ALL	1ST	T1	18041624
000440	400470	0.4000=0							40-	UCAR	40000=4=
326140	463172	2.486252	0.000699	0	0	0	1-HR	ALL	1ST	T1	18030517
000040	400470	0.000044	0.000405				4 110		407	UCAR	40440045
326240	463172	3.686641	0.000195	0	0	0	1-HR	ALL	1ST	T1	18110615
000040	400470	0.070407	0.000500				4 110	A	407	UCAR	40004504
326340	463172	6.872467	0.000502	0	0	0	1-HR	ALL	1ST	T1	18031521
000440	400470	0.507447	0.000400				4 110	A	407	UCAR	40044704
326440	463172	2.587147	0.000436	0	0	0	1-HR	ALL	1ST	T1	18041701
000540	400470	0.00004	0.000004				4 110		407	UCAR	40440745
326540	463172	2.80381	0.000294	0	0	0	1-HR	ALL	1ST	T1	18110715
000040	400470	0.007445	0.000000				4 115		407	UCAR	40000000
326640	463172	2.867415	0.000392	0	0	0	1-HR	ALL	1ST	T1	18032820
000740	400470	0.747040	0.000000		_		4 115	A	407	UCAR	40004744
326740	463172	3.717619	0.000369	0	0	0	1-HR	ALL	1ST	T1	18021714

										UCAR	
326840	463172	5.07278	0.000571	0	0	0	1-HR	ALL	1ST	T1	18120318
										UCAR	
326940	463172	6.309609	0.000332	0	0	0	1-HR	ALL	1ST	T1	18032814
				_	_					UCAR	
327040	463172	3.740504	0.000366	0	0	0	1-HR	ALL	1ST	T1	18032814
207440	462472	6 570400	0.000000	0	_	_	4 110	A 1 1	1CT	UCAR	10000510
327140	463172	6.570182	0.000298	0	0	0	1-HR	ALL	1ST	T1 UCAR	18030518
327240	463172	5.095736	0.000388	0	0	0	1-HR	ALL	1ST	T1	18030518
321240	400172	3.033730	0.000000	0	0	0	1-111	ALL	101	UCAR	10000010
327340	463172	5.139282	0.000261	0	0	0	1-HR	ALL	1ST	T1	18111013
				_						UCAR	
327440	463172	4.361402	0.00021	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
327540	463172	4.081452	0.000222	0	0	0	1-HR	ALL	1ST	T1	18101324
				_	_					UCAR	
327640	463172	4.015899	0.000284	0	0	0	1-HR	ALL	1ST	T1	18032919
207740	400470	4 005000	0.00004.4	0	_		4 110	A	400	UCAR	40400047
327740	463172	4.335238	0.000214	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120317
327840	463172	4.208372	0.000216	0	0	0	1-HR	ALL	1ST	T1	18111014
327040	403172	4.200372	0.000210	0	0	0	1-111	ALL	101	UCAR	10111014
327940	463172	4.207438	0.000201	0	0	0	1-HR	ALL	1ST	T1	18111014
02.0.0	10011									UCAR	
328040	463172	3.526779	0.000175	0	0	0	1-HR	ALL	1ST	T1	18050523
										UCAR	
328140	463172	3.371492	0.000137	0	0	0	1-HR	ALL	1ST	T1	18102413
	,			_	_	_				UCAR	,_,
328240	463172	3.248516	0.000167	0	0	0	1-HR	ALL	1ST	T1	18102413
200240	400470	0.004470	0.000474	_	_		4 115		10T	UCAR	40070004
328340	463172	3.224178	0.000174	0	0	0	1-HR	ALL	1ST	T1	18072321
328440	463172	2.851392	0.000167	0	0	0	1-HR	ALL	1ST	UCAR T1	18072320
320440	403172	2.001092	0.000107	U	l U	l U	1-1117	/\LL	101		10012320

										UCAR	
328540	463172	2.821646	0.000144	0	0	0	1-HR	ALL	1ST	T1	18072321
										UCAR	
324540	463272	2.748662	0.000194	0	0	0	1-HR	ALL	1ST	T1	18030516
										UCAR	
324640	463272	2.695969	0.000165	0	0	0	1-HR	ALL	1ST	T1	18030516
204740	400070	0.700040	0.000407	0	_		4 110		407	UCAR	40444544
324740	463272	2.790213	0.000127	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111514
324840	463272	2.915623	0.000115	0	0	0	1-HR	ALL	1ST	T1	18111514
324040	400212	2.910020	0.000113	0	0	0	1-1111	ALL	101	UCAR	10111314
324940	463272	2.629481	0.000156	0	0	0	1-HR	ALL	1ST	T1	18112613
02.000										UCAR	
325040	463272	2.772722	0.000182	0	0	0	1-HR	ALL	1ST	T1	18110713
										UCAR	
325140	463272	3.42672	0.000241	0	0	0	1-HR	ALL	1ST	T1	18110713
				_	_	_				UCAR	
325240	463272	3.113964	0.000235	0	0	0	1-HR	ALL	1ST	T1	18032617
225240	400070	0.007044	0.00004.0	0	_		4 110		4 C T	UCAR	10001010
325340	463272	2.367011	0.000216	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021619
325440	463272	1.296932	0.000194	0	0	0	1-HR	ALL	1ST	T1	18032619
323440	403212	1.290932	0.000134	0	0	0	1-111	ALL	101	UCAR	10032019
325540	463272	1.15153	0.000265	0	0	0	1-HR	ALL	1ST	T1	18032619
										UCAR	
325640	463272	1.368743	0.000283	0	0	0	1-HR	ALL	1ST	T1	18032618
										UCAR	
325740	463272	1.616795	0.000188	0	0	0	1-HR	ALL	1ST	T1	18032618
				_	_	_				UCAR	
325840	463272	1.848456	0.000348	0	0	0	1-HR	ALL	1ST	T1	18110714
205040	400070	4 000000	0.000000	2	_	_	4 110	A 1 1	107	UCAR	10110710
325940	463272	1.808622	0.000282	0	0	0	1-HR	ALL	1ST	T1	18110712
326040	463272	2.191164	0.000587	0	0	0	1-HR	ALL	1ST	UCAR T1	18041624
320040	403212	2.181104	0.000567	U	ı U	ı U	1-1117		101	111	10041024

										UCAR	
326140	463272	2.195239	0.000234	0	0	0	1-HR	ALL	1ST	T1	18041623
										UCAR	
326240	463272	4.370981	0.000228	0	0	0	1-HR	ALL	1ST	T1	18110520
										UCAR	
326340	463272	6.437573	0.000661	0	0	0	1-HR	ALL	1ST	T1	18031521
000440	400070	0.477000	0.000040	0			4 115		400	UCAR	40044704
326440	463272	2.177906	0.000243	0	0	0	1-HR	ALL	1ST	T1	18041701
326540	463272	2.451812	0.000264	0	0	0	1-HR	ALL	1ST	UCAR T1	18110715
320340	403212	2.431012	0.000204	0	U	U	1-HK	ALL	131	UCAR	10110713
326640	463272	2.557082	0.000344	0	0	0	1-HR	ALL	1ST	T1	18032820
020040	400212	2.007 002	0.000044	<u> </u>	0	0	1-111	/\	101	UCAR	10002020
326740	463272	3.519031	0.000347	0	0	0	1-HR	ALL	1ST	T1	18032821
0=01.10										UCAR	
326840	463272	6.508812	0.000457	0	0	0	1-HR	ALL	1ST	T1	18120319
										UCAR	
326940	463272	3.42066	0.0004	0	0	0	1-HR	ALL	1ST	T1	18120318
										UCAR	
327040	463272	5.151383	0.000457	0	0	0	1-HR	ALL	1ST	T1	18032814
207442	400070		0.000004						4.0-	UCAR	10044740
327140	463272	3.808623	0.000231	0	0	0	1-HR	ALL	1ST	T1	18041719
327240	463272	6.127557	0.000298	0	0	0	1-HR	ALL	1ST	UCAR T1	18030518
327240	403212	0.127337	0.000296	0	U	U	1-HK	ALL	131	UCAR	10030316
327340	463272	5.026819	0.000326	0	0	0	1-HR	ALL	1ST	T1	18030518
027010	100212	0.020010	0.000020	<u> </u>	0		1 1111	7122	101	UCAR	10000010
327440	463272	4.496284	0.000239	0	0	0	1-HR	ALL	1ST	T1	18111013
										UCAR	
327540	463272	3.992538	0.00019	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
327640	463272	3.761142	0.000197	0	0	0	1-HR	ALL	1ST	T1	18101324
										UCAR	
327740	463272	3.905352	0.000232	0	0	0	1-HR	ALL	1ST	T1	18032919

										UCAR	
327840	463272	3.835587	0.000229	0	0	0	1-HR	ALL	1ST	T1	18032919
										UCAR	
327940	463272	3.659571	0.000175	0	0	0	1-HR	ALL	1ST	T1	18101323
				_						UCAR	
328040	463272	4.098421	0.00019	0	0	0	1-HR	ALL	1ST	T1	18111014
328140	463272	3.922772	0.000173	0	0	0	1-HR	ALL	1ST	UCAR T1	18111014
320140	403212	3.922112	0.000173	U	U	0	1-111	ALL	131	UCAR	10111014
328240	463272	3.314957	0.000154	0	0	0	1-HR	ALL	1ST	T1	18050523
0202.0		0.01.001						7 .==	1.0.	UCAR	
328340	463272	3.190192	0.000121	0	0	0	1-HR	ALL	1ST	T1	18051420
										UCAR	
328440	463272	3.070742	0.000139	0	0	0	1-HR	ALL	1ST	T1	18102413
				_						UCAR	
328540	463272	2.906966	0.000148	0	0	0	1-HR	ALL	1ST	T1	18102413
324540	462272	2.716166	0.000113	_	0	0	1-HR	A 1 1	1ST	UCAR T1	10111511
324340	463372	2.716166	0.000113	0	U	U	I-HK	ALL	131	UCAR	18111514
324640	463372	2.728413	0.000102	0	0	0	1-HR	ALL	1ST	T1	18112613
021010	100012	2.720110	0.000102	0				7 122	101	UCAR	10112010
324740	463372	2.430573	0.000137	0	0	0	1-HR	ALL	1ST	T1	18112613
										UCAR	
324840	463372	2.416681	0.000158	0	0	0	1-HR	ALL	1ST	T1	18112613
				_	_	_				UCAR	
324940	463372	3.07132	0.000199	0	0	0	1-HR	ALL	1ST	T1	18110713
225040	400070	2 007070	0.000007		0		4 110	A 1 1	40.	UCAR	40440740
325040	463372	3.087878	0.000207	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110713
325140	463372	2.716777	0.000209	0	0	0	1-HR	ALL	1ST	T1	18032617
323140	400012	2.1 10111	0.000209	<u> </u>	0	0	1-111	ALL	101	UCAR	10002017
325240	463372	2.194169	0.000165	0	0	0	1-HR	ALL	1ST	T1	18021619
1 1 1 1							1	<u> </u>		UCAR	
325340	463372	1.104496	0.00021	0	0	0	1-HR	ALL	1ST	T1	18032619

325440	463372	0.962217	0.000228	0	0	0	1-HR	ALL	1ST	UCAR T1	18021618
										UCAR	
325540	463372	1.185492	0.000258	0	0	0	1-HR	ALL	1ST	T1	18032618
325640	463372	1.859467	0.000162	0	0	0	1-HR	ALL	1ST	UCAR T1	18032618
020010	100012	1.000-107	0.000102				1 111	/ \	101	UCAR	10002010
325740	463372	2.14944	0.000292	0	0	0	1-HR	ALL	1ST	T1	18110714
										UCAR	
325840	463372	1.663027	0.000252	0	0	0	1-HR	ALL	1ST	T1	18112614
005040	400070	4.05000	0.000404				4 115		407	UCAR	10011001
325940	463372	1.95339	0.000484	0	0	0	1-HR	ALL	1ST	T1 UCAR	18041624
326040	463372	2.985632	0.000456	0	0	0	1-HR	ALL	1ST	T1	18030517
320040	403372	2.903032	0.000430	0	0	0	1-111	ALL	101	UCAR	10030317
326140	463372	3.281823	0.000166	0	0	0	1-HR	ALL	1ST	T1	18110615
										UCAR	
326240	463372	3.951998	0.000152	0	0	0	1-HR	ALL	1ST	T1	18110520
222242	4000=0	4.07.400.4					4		4.0-	UCAR	10001501
326340	463372	4.671931	0.000566	0	0	0	1-HR	ALL	1ST	T1	18031521
326440	463372	1.96151	0.000128	0	0	0	1-HR	ALL	1ST	UCAR T1	18041701
320440	403372	1.90131	0.000128	0	0	0	1-111	ALL	131	UCAR	10041701
326540	463372	2.138482	0.000239	0	0	0	1-HR	ALL	1ST	T1	18110715
										UCAR	
326640	463372	2.248924	0.000294	0	0	0	1-HR	ALL	1ST	T1	18032820
								l		UCAR	
326740	463372	3.399348	0.000296	0	0	0	1-HR	ALL	1ST	T1	18032821
326840	463372	5.362215	0.000309	0	0	0	1-HR	ALL	1ST	UCAR T1	18032817
J200 4 0	403372	3.302213	0.000309	0	0	0	1-111	ALL	101	UCAR	10032017
326940	463372	3.315381	0.000453	0	0	0	1-HR	ALL	1ST	T1	18120318
										UCAR	
327040	463372	5.237955	0.000215	0	0	0	1-HR	ALL	1ST	T1	18101418

										UCAR	
327140	463372	3.00516	0.000396	0	0	0	1-HR	ALL	1ST	T1	18032814
027110	100012	0.00010	0.000000	<u> </u>			1 1 111	,	1.01	UCAR	10002011
327240	463372	4.140754	0.000223	0	0	0	1-HR	ALL	1ST	T1	18041719
										UCAR	
327340	463372	5.416532	0.000283	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327440	463372	4.830872	0.000278	0	0	0	1-HR	ALL	1ST	T1	18030518
007540	400070	0.004007	0.00000				4 110		40T	UCAR	40444040
327540	463372	3.934637	0.00022	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111013
327640	463372	3.535508	0.000168	0	0	0	1-HR	ALL	1ST	T1	18102414
327040	403372	3.333300	0.000100	0	0	0	1-111	ALL	101	UCAR	10102414
327740	463372	3.645557	0.000151	0	0	0	1-HR	ALL	1ST	T1	18101324
021710	100012	0.010001	0.000101	<u> </u>			1 1 111	,	1.01	UCAR	10101021
327840	463372	3.875309	0.000167	0	0	0	1-HR	ALL	1ST	T1	18032919
										UCAR	
327940	463372	3.412618	0.000222	0	0	0	1-HR	ALL	1ST	T1	18032919
										UCAR	
328040	463372	3.700708	0.000173	0	0	0	1-HR	ALL	1ST	T1	18032919
				_						UCAR	
328140	463372	3.376016	0.000154	0	0	0	1-HR	ALL	1ST	T1	18101323
220240	462270	2 006447	0.000460	0	_	_	4 110	A 1 1	1CT	UCAR T1	10111011
328240	463372	3.886147	0.000169	0	0	0	1-HR	ALL	1ST	UCAR	18111014
328340	463372	3.623851	0.000151	0	0	0	1-HR	ALL	1ST	T1	18111014
320340	1 00072	3.023031	0.000131	0	0	0	1-111	ALL	101	UCAR	10111014
328440	463372	3.088747	0.000137	0	0	0	1-HR	ALL	1ST	T1	18050523
020110		0.0001.11							1	UCAR	
328540	463372	2.972389	0.000111	0	0	0	1-HR	ALL	1ST	T1	18051420
										UCAR	
324540	463472	2.297945	0.000121	0	0	0	1-HR	ALL	1ST	T1	18112613
										UCAR	
324640	463472	2.111389	0.00014	0	0	0	1-HR	ALL	1ST	T1	18112613

										UCAR	
324740	463472	2.721708	0.000166	0	0	0	1-HR	ALL	1ST	T1	18110713
				_						UCAR	
324840	463472	2.914498	0.000183	0	0	0	1-HR	ALL	1ST	T1	18110713
										UCAR	
324940	463472	2.716284	0.000191	0	0	0	1-HR	ALL	1ST	T1	18032617
				_	_	_				UCAR	
325040	463472	2.759609	0.000167	0	0	0	1-HR	ALL	1ST	T1	18021619
005440	400.470	4.045000	0.00045		_		4 110		40T	UCAR	40000045
325140	463472	1.815683	0.00015	0	0	0	1-HR	ALL	1ST	T1	18032615
225240	463472	1 01004	0.000209	0	0	0	1-HR	ALL	1ST	UCAR T1	10022610
325240	403472	1.01024	0.000209	0	U	U	I-NK	ALL	101	UCAR	18032619
325340	463472	0.823558	0.000203	0	0	0	1-HR	ALL	1ST	T1	18021618
323340	700772	0.023330	0.000203		0	0	1-111	ALL	101	UCAR	10021010
325440	463472	1.03056	0.000234	0	0	0	1-HR	ALL	1ST	T1	18032618
9201.10			0.000_0.					7	1	UCAR	
325540	463472	2.045753	0.000145	0	0	0	1-HR	ALL	1ST	T1	18041101
										UCAR	
325640	463472	2.529513	0.000245	0	0	0	1-HR	ALL	1ST	T1	18110714
										UCAR	
325740	463472	1.488257	0.000212	0	0	0	1-HR	ALL	1ST	T1	18112614
										UCAR	
325840	463472	2.177307	0.000324	0	0	0	1-HR	ALL	1ST	T1	18041624
225040	400.470	0.00050	0.000450				4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		407	UCAR	40000547
325940	463472	2.88356	0.000459	0	0	0	1-HR	ALL	1ST	T1	18030517
326040	463472	2.227718	0.00016	0	0	0	1-HR	ALL	1ST	UCAR T1	18041623
320040	403472	2.221118	0.00016	0	U	U	I-HK	ALL	151	UCAR	18041623
326140	463472	4.223961	0.000165	0	0	0	1-HR	ALL	1ST	T1	18110520
320140	403472	4.223301	0.000103	<u> </u>	U	0	1-111	ALL	101	UCAR	10110320
326240	463472	5.117894	0.000252	0	0	0	1-HR	ALL	1ST	T1	18031521
3232 10	100-112	3.117304	0.000202		<u> </u>	J		, ,	1.01	UCAR	10001021
326340	463472	2.979505	0.000385	0	0	0	1-HR	ALL	1ST	T1	18041701
=====:		=::::300								1	

										UCAR	
326440	463472	2.276574	0.000076	0	0	0	1-HR	ALL	1ST	T1	18032708
320770										UCAR	
326540	463472	1.866492	0.000218	0	0	0	1-HR	ALL	1ST	T1	18110715
										UCAR	
326640	463472	1.968912	0.000249	0	0	0	1-HR	ALL	1ST	T1	18032820
000740	4004=0	0.000=40							40-	UCAR	4000004
326740	463472	3.238748	0.00023	0	0	0	1-HR	ALL	1ST	T1	18032821
226040	462470	4 CEE420	0.000000		_	_	1-HR	A 1 1	1ST	UCAR T1	10001711
326840	463472	4.655139	0.000209	0	0	0	I-HK	ALL	151	UCAR	18021714
326940	463472	4.820625	0.00036	0	0	0	1-HR	ALL	1ST	T1	18120318
020040	400472	4.020020	0.00000			0	1-111	/ \	101	UCAR	10120010
327040	463472	3.414291	0.000296	0	0	0	1-HR	ALL	1ST	T1	18120318
				_	_					UCAR	
327140	463472	4.722643	0.000321	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
327240	463472	3.549029	0.000262	0	0	0	1-HR	ALL	1ST	T1	18032814
007040	4004=0	4.0000=0	0.00040						40-	UCAR	10011-10
327340	463472	4.320853	0.00018	0	0	0	1-HR	ALL	1ST	T1	18041719
207440	462470	4 600200	0.000060		0	_	4 110	A 1 1	1ST	UCAR T1	10020510
327440	463472	4.680309	0.000262	0	U	0	1-HR	ALL	151	UCAR	18030518
327540	463472	4.5776	0.000241	0	0	0	1-HR	ALL	1ST	T1	18030518
027010	100172	4.0770	0.000211				1 1111	/ \	101	UCAR	10000010
327640	463472	3.759856	0.000202	0	0	0	1-HR	ALL	1ST	T1	18111013
										UCAR	
327740	463472	3.218236	0.000147	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
327840	463472	3.429535	0.000146	0	0	0	1-HR	ALL	1ST	T1	18102414
007040	400470	0.500545	0.00040=				4		407	UCAR	1010100
327940	463472	3.522215	0.000165	0	0	0	1-HR	ALL	1ST	T1	18101324
220040	462470	2 622274	0.000496		_	_	1 UD	A1.1	1CT	UCAR	19022010
328040	463472	3.622374	0.000186	0	0	0	1-HR	ALL	1ST	T1	18032919

Environmental Impact Assessment (EIA) for the Waste to Energy Facility in Thilafushi Island, Maldives

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UCAR 328140 463472 0.000189 1-HR ALL 1ST 18032919 3.570751 0 0 T1 0 **UCAR** 1-HR **ALL** 328240 463472 0 0 1ST 3.359861 0.000133 T1 18101323 **UCAR** 328340 463472 3.255895 0.000141 0 0 1-HR **ALL** 1ST T1 18111014 **UCAR** 1-HR 1ST 328440 463472 3.636773 0.00015 0 0 0 ALL T1 18111014 UCAR 328540 463472 3.337322 0.000134 0 0 1-HR ALL 1ST T1 18111014 **UCAR** 1-HR 463572 2.405147 0.000138 0 0 324540 0 ALL 1ST T1 18110713 UCAR 463572 2.682704 0.00016 1-HR 1ST 0 0 324640 ALL T1 18110713 **UCAR** 324740 463572 2.528436 0.000164 0 0 1-HR **ALL** 1ST T1 18032617 UCAR 2.975423 0.000166 0 0 1-HR ALL 1ST T1 18032617 324840 463572 **UCAR** 324940 463572 2.509155 0.000133 0 0 1-HR ALL 1ST 18032615 T1 UCAR 1.402745 0 0 1-HR **ALL** 18032619 325040 463572 0.000145 1ST T1 UCAR 463572 325140 0.899006 0.000195 0 0 1-HR ALL 1ST T1 18032619 **UCAR** 325240 **ALL** 463572 0.746062 0.000178 0 0 1-HR 1ST T1 18021618 **UCAR** 325340 463572 0 0 1-HR ALL 1ST 18032618 0.900784 0.000211 0 T1 **UCAR**

0

0

0

0

0

0

1-HR

1-HR

0 1-HR

ALL

ALL

ALL

1ST

1ST

1ST

T1

T1 UCAR

T1

UCAR

0.000132

0.000207

0.000214

2.147473

2.752828

1.315505

18041101

18110714

18110714

										UCAR	
325740	463572	2.484053	0.000196	0	0	0	1-HR	ALL	1ST	T1	18041624
					_					UCAR	
325840	463572	2.160347	0.000413	0	0	0	1-HR	ALL	1ST	T1	18041624
325940	463572	3.073478	0.00031	0	0	0	1-HR	ALL	1ST	UCAR T1	18030517
323340	403372	3.073470	0.00031	0	0	0	1-111	ALL	101	UCAR	10030317
326040	463572	2.976604	0.000141	0	0	0	1-HR	ALL	1ST	T1	18110615
										UCAR	
326140	463572	3.744847	0.00017	0	0	0	1-HR	ALL	1ST	T1	18110520
222242	400==0	- 404000						l	4.0-	UCAR	40004504
326240	463572	5.104329	0.00037	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031521
326340	463572	3.042754	0.000373	0	0	0	1-HR	ALL	1ST	T1	18041701
320340	403372	3.042734	0.000373	0	0	U	1-111	ALL	101	UCAR	10041701
326440	463572	2.673897	0.000074	0	0	0	1-HR	ALL	1ST	T1	18031517
										UCAR	
326540	463572	1.864376	0.000201	0	0	0	1-HR	ALL	1ST	T1	18110715
000040	400570	0.400000	0.000044	0	0		4 115		407	UCAR	4000000
326640	463572	2.182082	0.000211	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032820
326740	463572	3.520645	0.000203	0	0	0	1-HR	ALL	1ST	T1	18032820
020740	400012	0.020040	0.000200	0	0	0	1-111	/ \	101	UCAR	10002020
326840	463572	3.879529	0.000256	0	0	0	1-HR	ALL	1ST	T1	18021714
										UCAR	
326940	463572	5.397342	0.00033	0	0	0	1-HR	ALL	1ST	T1	18120319
007040	400570	0.404450	0.000057	0	0		4 115		407	UCAR	40400040
327040	463572	3.424153	0.000357	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120318
327140	463572	4.252809	0.000171	0	0	0	1-HR	ALL	1ST	T1	18101418
021170	700012	7.202003	0.000171	0	<u> </u>	J	1-1113	/ \	101	UCAR	10101410
327240	463572	3.270177	0.000342	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
327340	463572	3.496904	0.00017	0	0	0	1-HR	ALL	1ST	T1	18081219

								_			
327440	463572	4.208072	0.000131	0	0	0	1-HR	ALL	1ST	UCAR T1	18041719
					0				407	UCAR	
327540	463572	4.013932	0.000239	0	0	0	1-HR	ALL	1ST	T1	18030518
327640	463572	4.306151	0.000211	0	0	0	1-HR	ALL	1ST	UCAR T1	18030518
										UCAR	
327740	463572	3.616307	0.000186	0	0	0	1-HR	ALL	1ST	T1	18111013
										UCAR	
327840	463572	3.10486	0.000127	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
327940	463572	3.12224	0.00014	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
328040	463572	3.301659	0.000145	0	0	0	1-HR	ALL	1ST	T1	18101324
										UCAR	
328140	463572	3.596	0.000141	0	0	0	1-HR	ALL	1ST	T1	18032919
					_	_				UCAR	
328240	463572	3.117463	0.000179	0	0	0	1-HR	ALL	1ST	T1	18032919
		01111110								UCAR	7000=0.10
328340	463572	3.444184	0.000152	0	0	0	1-HR	ALL	1ST	T1	18032919
0_0000										UCAR	7000=0.10
328440	463572	3.053858	0.000128	0	0	0	1-HR	ALL	1ST	T1	18101323
		0.00000								UCAR	101010
328540	463572	3.163182	0.00013	0	0	0	1-HR	ALL	1ST	T1	18111014
0_0000										UCAR	1011111
324540	463672	2.479552	0.000138	0	0	0	1-HR	ALL	1ST	T1	18110713
0_1010										UCAR	70110110
324640	463672	2.926752	0.000157	0	0	0	1-HR	ALL	1ST	T1	18032617
32.0.0			0.000.01					7	1.0.	UCAR	10002011
324740	463672	2.921243	0.000133	0	0	0	1-HR	ALL	1ST	T1	18021619
5210			2.222.00							UCAR	1002.010
324840	463672	2.112719	0.000127	0	0	0	1-HR	ALL	1ST	T1	18032615
32.310			2.000.2.							UCAR	1000_010
324940	463672	1.036542	0.000154	0	0	0	1-HR	ALL	1ST	T1	18032619
3= .0 .0							<u> </u>				1 ::: 5=0.0

T	T					1	1		1		
325040	463672	0.786742	0.000175	0	0	0	1-HR	ALL	1ST	UCAR T1	18032619
				-						UCAR	
325140	463672	0.673889	0.000169	0	0	0	1-HR	ALL	1ST	T1	18032620
205240	462670	0.054006	0.000101	0	0		1-HR	A 1 1	1ST	UCAR T1	10000610
325240	463672	0.854886	0.000191	0	0	0	I-NK	ALL	101	UCAR	18032618
325340	463672	2.208212	0.000122	0	0	0	1-HR	ALL	1ST	T1	18041101
										UCAR	
325440	463672	2.899147	0.000176	0	0	0	1-HR	ALL	1ST	T1	18110714
225540	462672	1 651415	0.000212	0	0		1 UD	A 1 1	1ST	UCAR T1	10110711
325540	463672	1.651415	0.000212	0	0	0	1-HR	ALL	151	UCAR	18110714
325640	463672	2.447347	0.000181	0	0	0	1-HR	ALL	1ST	T1	18112614
				-	-	_				UCAR	
325740	463672	2.498508	0.000345	0	0	0	1-HR	ALL	1ST	T1	18041624
325840	463672	3.161729	0.00036	0	0	0	1-HR	A 1 1	1ST	UCAR T1	18030517
323040	403072	3.101729	0.00036	U	U	U	I-NK	ALL	101	UCAR	16030317
325940	463672	2.517252	0.000116	0	0	0	1-HR	ALL	1ST	T1	18110518
										UCAR	
326040	463672	3.642195	0.000112	0	0	0	1-HR	ALL	1ST	T1	18110520
326140	463672	3.416939	0.000108	0	0	0	1-HR	ALL	1ST	UCAR T1	18110520
320140	403072	3.410939	0.000106	U	U	U	1-HK	ALL	131	UCAR	16110320
326240	463672	4.326083	0.000404	0	0	0	1-HR	ALL	1ST	T1	18031521
										UCAR	
326340	463672	3.290515	0.00031	0	0	0	1-HR	ALL	1ST	T1	18041701
326440	462670	2 000662	0.000074	0	0	_	1-HR	A1.1	1ST	UCAR T1	10021517
320440	463672	2.909662	0.000071	U	U	0	I-UK	ALL	101	UCAR	18031517
326540	463672	1.986688	0.000186	0	0	0	1-HR	ALL	1ST	T1	18110715
										UCAR	
326640	463672	2.459558	0.000178	0	0	0	1-HR	ALL	1ST	T1	18032820

										UCAR	
326740	463672	3.513346	0.000214	0	0	0	1-HR	ALL	1ST	T1	18032820
										UCAR	
326840	463672	4.246506	0.000241	0	0	0	1-HR	ALL	1ST	T1	18032821
										UCAR	
326940	463672	4.721467	0.000241	0	0	0	1-HR	ALL	1ST	T1	18032817
007040	4000=0	0.74500							40-	UCAR	40400040
327040	463672	3.54583	0.000323	0	0	0	1-HR	ALL	1ST	T1	18120318
207440	462670	2.446042	0.000000		0	_	1-HR	A 1 1	1ST	UCAR T1	10100010
327140	463672	3.416842	0.000228	0	0	0	I-HK	ALL	151	UCAR	18120318
327240	463672	4.085231	0.000224	0	0	0	1-HR	ALL	1ST	T1	18032814
321240	+00072	4.000201	0.000224		0	0	1-111	ALL	101	UCAR	10032014
327340	463672	3.052474	0.000283	0	0	0	1-HR	ALL	1ST	T1	18032814
52.0.0		0.002	0.000_00					7	1	UCAR	
327440	463672	3.446472	0.000167	0	0	0	1-HR	ALL	1ST	T1	18041719
										UCAR	
327540	463672	4.074007	0.000126	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327640	463672	3.819939	0.000217	0	0	0	1-HR	ALL	1ST	T1	18030518
00==40	4000=0	4 00==00	0.000400						40-	UCAR	40000=40
327740	463672	4.037536	0.000186	0	0	0	1-HR	ALL	1ST	T1	18030518
327840	463672	3.453012	0.000172	0	0	0	1-HR	ALL	1ST	UCAR T1	10111012
327040	403072	3.433012	0.000172	0	U	U	I-NK	ALL	101	UCAR	18111013
327940	463672	2.996742	0.000119	0	0	0	1-HR	ALL	1ST	T1	18111013
027540	400072	2.000142	0.000113		0	0	1-111	/\	101	UCAR	10111010
328040	463672	3.061871	0.000132	0	0	0	1-HR	ALL	1ST	T1	18102414
520010		0.000.00								UCAR	
328140	463672	3.172835	0.000117	0	0	0	1-HR	ALL	1ST	T1	18101324
										UCAR	
328240	463672	3.34845	0.000135	0	0	0	1-HR	ALL	1ST	T1	18101324
										UCAR	
328340	463672	3.242774	0.000153	0	0	0	1-HR	ALL	1ST	T1	18032919

										UCAR	
328440	463672	3.20873	0.000159	0	0	0	1-HR	ALL	1ST	T1	18032919
										UCAR	
328540	463672	3.173966	0.000118	0	0	0	1-HR	ALL	1ST	T1	18032919
										UCAR	
324540	463772	3.056629	0.000134	0	0	0	1-HR	ALL	1ST	T1	18032617
				_	_					UCAR	
324640	463772	2.647976	0.000111	0	0	0	1-HR	ALL	1ST	T1	18032615
004740	400770	4.005000	0.000440		0	_	4 110		40T	UCAR	40000045
324740	463772	1.685832	0.000113	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032615
324840	463772	0.785882	0.000155	0	0	0	1-HR	ALL	1ST	T1	18032619
324040	403772	0.703002	0.000133	U	U	U	1-111	ALL	131	UCAR	10032019
324940	463772	0.681931	0.000156	0	0	0	1-HR	ALL	1ST	T1	18021618
021010	100772	0.001001	0.000100	0			1 1111	/ \	101	UCAR	10021010
325040	463772	0.60777	0.00016	0	0	0	1-HR	ALL	1ST	T1	18032620
				_						UCAR	
325140	463772	0.928015	0.000173	0	0	0	1-HR	ALL	1ST	T1	18032618
										UCAR	
325240	463772	2.236499	0.000113	0	0	0	1-HR	ALL	1ST	T1	18041101
										UCAR	
325340	463772	2.982963	0.000151	0	0	0	1-HR	ALL	1ST	T1	18110714
205440	400770	4.044040	0.00000				4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		407	UCAR	40440744
325440	463772	1.941613	0.000203	0	0	0	1-HR	ALL	1ST	T1	18110714
225540	460770	2 24204	0.000470	0	0	0	4 110	A 1 1	1CT	UCAR	10110611
325540	463772	2.24384	0.000179	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112614
325640	463772	2.527026	0.000251	0	0	0	1-HR	ALL	1ST	T1	18041624
323040	403772	2.521020	0.000231	0	0	0	1-111	ALL	101	UCAR	10041024
325740	463772	2.626366	0.000311	0	0	0	1-HR	ALL	1ST	T1	18041624
523.10	.55.72	2.02000	3.000011					- '	1.0.	UCAR	
325840	463772	2.926147	0.00022	0	0	0	1-HR	ALL	1ST	T1	18030517
										UCAR	
325940	463772	3.212125	0.000122	0	0	0	1-HR	ALL	1ST	T1	18110615

326040		1	1		1	1				1		1
326140	326040	463772	3.633788	0.000148	0	0	0	1-HR	ALL	1ST	UCAR T1	18110520
326240 463772 3.31033 0.000361 0 0 0 1-HR ALL 1ST T1 18031521												
326240 463772 3.31033 0.000361 0 0 0 1-HR ALL 1ST T1 18031521	326140	463772	3.734223	0.000148	0	U	U	1-HK	ALL	151		18031521
326340	326240	463772	3.31033	0.000361	0	0	0	1-HR	ALL	1ST		18031521
326340											UCAR	
326440	326340	463772	3.269052	0.000234	0	0	0	1-HR	ALL	1ST	T1	18041701
326540												
326540 463772 2.07062 0.000172 0 0 1-HR ALL 1ST T1 18110715 326640 463772 2.66798 0.000151 0 0 0 1-HR ALL 1ST T1 18032820 326740 463772 3.318821 0.000215 0 0 0 1-HR ALL 1ST T1 18032820 326840 463772 4.094284 0.000222 0 0 0 1-HR ALL 1ST T1 18032821 326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.295276 0.000139 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518	326440	463772	3.032355	0.000067	0	0	0	1-HR	ALL	1ST		18031517
32640 463772 2.66798 0.000151 0 0 0 1-HR ALL 1ST T1 18032820												
326640 463772 2.66798 0.000151 0 0 0 1-HR ALL 1ST T1 18032820 326740 463772 3.318821 0.000215 0 0 0 1-HR ALL 1ST T1 18032820 326840 463772 4.094284 0.000222 0 0 0 1-HR ALL 1ST T1 18032821 326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327340 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18032814 327440 <t< td=""><td>326540</td><td>463772</td><td>2.07062</td><td>0.000172</td><td>0</td><td>0</td><td>0</td><td>1-HR</td><td>ALL</td><td>1ST</td><td></td><td>18110715</td></t<>	326540	463772	2.07062	0.000172	0	0	0	1-HR	ALL	1ST		18110715
326740 463772 3.318821 0.000215 0 0 0 1-HR ALL 1ST T1 18032820 326840 463772 4.094284 0.000222 0 0 0 1-HR ALL 1ST T1 18032821 326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
326740 463772 3.318821 0.000215 0 0 0 1-HR ALL 1ST T1 18032820 326840 463772 4.094284 0.000222 0 0 0 1-HR ALL 1ST T1 18032821 326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	326640	463772	2.66798	0.000151	0	0	0	1-HR	ALL	1ST		18032820
326840 463772 4.094284 0.000222 0 0 0 1-HR ALL 1ST T1 18032821 326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
326840 463772 4.094284 0.000222 0 0 0 1-HR ALL 1ST T1 18032821 326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	326740	463772	3.318821	0.000215	0	0	0	1-HR	ALL	1ST		18032820
326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
326940 463772 4.340464 0.000186 0 0 0 1-HR ALL 1ST T1 18032817 327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	326840	463772	4.094284	0.000222	0	0	0	1-HR	ALL	1ST		18032821
327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
327040 463772 4.627232 0.000284 0 0 0 1-HR ALL 1ST T1 18120319 327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	326940	463772	4.340464	0.000186	0	0	0	1-HR	ALL	1ST		18032817
327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
327140 463772 3.220109 0.000284 0 0 0 1-HR ALL 1ST T1 18120318 327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	327040	463772	4.627232	0.000284	0	0	0	1-HR	ALL	1ST		18120319
327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
327240 463772 3.495276 0.000139 0 0 0 1-HR ALL 1ST T1 18101418 327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	327140	463772	3.220109	0.000284	0	0	0	1-HR	ALL	1ST		18120318
327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814												
327340 463772 3.244518 0.000272 0 0 0 1-HR ALL 1ST T1 18032814 327440 463772 3.197141 0.000198 0 0 0 1-HR ALL 1ST T1 18032814	327240	463772	3.495276	0.000139	0	0	0	1-HR	ALL	1ST		18101418
327440 463772 3.197141 0.000198 0 0 1-HR ALL 1ST T1 18032814												
327440 463772 3.197141 0.000198 0 0 1-HR ALL 1ST T1 18032814	327340	463772	3.244518	0.000272	0	0	0	1-HR	ALL	1ST		18032814
	327440	463772	3.197141	0.000198	0	0	0	1-HR	ALL	1ST		18032814
											UCAR	
327540 463772 3.641655 0.000162 0 0 1-HR ALL 1ST T1 18041719	327540	463772	3.641655	0.000162	0	0	0	1-HR	ALL	1ST		18041719
327640 463772 3.824652 0.00013 0 0 1-HR ALL 1ST T1 18030518	327640	463772	3.824652	0.00013	0	0	0	1-HR	ALL	1ST	T1	18030518

										UCAR	
327740	463772	3.626857	0.000196	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327840	463772	3.782353	0.000165	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327940	463772	3.284153	0.000159	0	0	0	1-HR	ALL	1ST	T1	18111013
				_	_	_				UCAR	
328040	463772	2.853904	0.000115	0	0	0	1-HR	ALL	1ST	T1	18111013
000440	400770	0.040000	0.000404				4 115		407	UCAR	40400444
328140	463772	2.949386	0.000121	0	0	0	1-HR	ALL	1ST	T1	18102414
328240	463772	2.945281	0.000109	0	0	0	1-HR	ALL	1ST	UCAR T1	10100414
320240	403772	2.945261	0.000109	0	U	U	I-NK	ALL	131	UCAR	18102414
328340	463772	2.98331	0.000129	0	0	0	1-HR	ALL	1ST	T1	18101324
020040	400112	2.50001	0.000123		0	0	1-111	/ \	101	UCAR	1010102+
328440	463772	3.230976	0.000121	0	0	0	1-HR	ALL	1ST	T1	18032919
0_0,10	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.2000								UCAR	
328540	463772	2.791134	0.000149	0	0	0	1-HR	ALL	1ST	T1	18032919
										UCAR	
324540	463872	2.263311	0.000109	0	0	0	1-HR	ALL	1ST	T1	18032615
										UCAR	
324640	463872	1.295362	0.000113	0	0	0	1-HR	ALL	1ST	T1	18032619
20.47.40	4000=0	0 = 40 40=	0.000440						40-	UCAR	40000040
324740	463872	0.719197	0.000149	0	0	0	1-HR	ALL	1ST	T1	18032619
224040	462070	0.500204	0.000111		_	_	4 110	A 1 1	10T	UCAR	10001610
324840	463872	0.588321	0.000144	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021618
324940	463872	0.547899	0.000151	0	0	0	1-HR	ALL	1ST	T1	18032618
324940	403072	0.547699	0.000131	0	U	0	1-111	ALL	101	UCAR	10032010
325040	463872	0.98537	0.000156	0	0	0	1-HR	ALL	1ST	T1	18032618
323310	.00012	2.2301	3.000.00						101	UCAR	
325140	463872	2.239621	0.000105	0	0	0	1-HR	ALL	1ST	T1	18041101
										UCAR	
325240	463872	3.017963	0.00013	0	0	0	1-HR	ALL	1ST	T1	18110714

325340	463872	2.177678	0.00019	0	0	0	1-HR	ALL	1ST	UCAR T1	18110714
					-					UCAR	
325440	463872	1.967691	0.000165	0	0	0	1-HR	ALL	1ST	T1	18112614
										UCAR	
325540	463872	2.737406	0.000168	0	0	0	1-HR	ALL	1ST	T1	18041624
										UCAR	
325640	463872	2.507208	0.000306	0	0	0	1-HR	ALL	1ST	T1	18041624
										UCAR	
325740	463872	3.133385	0.000277	0	0	0	1-HR	ALL	1ST	T1	18030517
										UCAR	
325840	463872	2.636008	0.000102	0	0	0	1-HR	ALL	1ST	T1	18110518
										UCAR	
325940	463872	3.035709	0.000096	0	0	0	1-HR	ALL	1ST	T1	18110615
										UCAR	
326040	463872	3.122504	0.000129	0	0	0	1-HR	ALL	1ST	T1	18110520
										UCAR	
326140	463872	3.865571	0.000221	0	0	0	1-HR	ALL	1ST	T1	18031521
										UCAR	
326240	463872	2.450814	0.000283	0	0	0	1-HR	ALL	1ST	T1	18031521
				_	_	_				UCAR	
326340	463872	3.0689	0.000166	0	0	0	1-HR	ALL	1ST	T1	18041701
0200.0		0.000	0.000.00					7		UCAR	
326440	463872	3.066513	0.000062	0	0	0	1-HR	ALL	1ST	T1	18031517
020110	100012	0.000010	0.00002	-				,	101	UCAR	10001011
326540	463872	2.122823	0.000161	0	0	0	1-HR	ALL	1ST	T1	18110715
020010	100072	2.122020	0.000101				1 1111	/ \	101	UCAR	10110710
326640	463872	2.814813	0.000147	0	0	0	1-HR	ALL	1ST	T1	18021716
320040	+00012	2.017010	0.000147	0	0	0	1-1111	ALL	101	UCAR	10021710
326740	463872	3.025597	0.000209	0	0	0	1-HR	ALL	1ST	T1	18032820
320140	403072	3.020081	0.000209		U	U	1-1117	ALL	131	UCAR	10032020
326840	463872	3.625323	0.000192	0	0	0	1-HR	ALL	1ST	T1	10022024
320040	403072	3.023323	0.000192	0	U	U	1-111	ALL	101		18032821
206040	460070	2 640070	0.000475	_	_	_	4 110	A1 1	10T	UCAR	10001714
326940	463872	3.618879	0.000175	0	0	0	1-HR	ALL	1ST	T1	18021714

										UCAR	
327040	463872	4.800374	0.000252	0	0	0	1-HR	ALL	1ST	T1	18120319
										UCAR	
327140	463872	3.25264	0.000279	0	0	0	1-HR	ALL	1ST	T1	18120318
										UCAR	
327240	463872	3.262914	0.00018	0	0	0	1-HR	ALL	1ST	T1	18120318
				_						UCAR	
327340	463872	3.500983	0.000159	0	0	0	1-HR	ALL	1ST	T1	18032814
207440	402070	0.000004	0.000004				4 110	A 1 1	4CT	UCAR	40000044
327440	463872	2.986834	0.000261	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032814
327540	463872	3.136742	0.000128	0	0	0	1-HR	ALL	1ST	T1	18081219
321340	403072	3.130742	0.000120	0	0	0	1-111	ALL	101	UCAR	10001219
327640	463872	3.650094	0.000141	0	0	0	1-HR	ALL	1ST	T1	18041719
02.0.0	100012	0.000001	0.000111					,	1.0.	UCAR	10011110
327740	463872	3.527001	0.00013	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327840	463872	3.416963	0.000178	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
327940	463872	3.648936	0.000148	0	0	0	1-HR	ALL	1ST	T1	18030518
200040	4000=0	0.447000	0.000440						40-	UCAR	10111010
328040	463872	3.117922	0.000148	0	0	0	1-HR	ALL	1ST	T1	18111013
220140	462072	2.706520	0.000111	0	0	0	1 UD	ALL	1ST	UCAR T1	10111012
328140	463872	2.796529	0.000111	0	U	U	1-HR	ALL	101	UCAR	18111013
328240	463872	2.785434	0.000111	0	0	0	1-HR	ALL	1ST	T1	18102414
020240	400072	2.700404	0.000111		0	0	1-111	/\	101	UCAR	10102414
328340	463872	2.841818	0.000107	0	0	0	1-HR	ALL	1ST	T1	18102414
5_55										UCAR	
328440	463872	3.05887	0.000114	0	0	0	1-HR	ALL	1ST	T1	18101324
										UCAR	
328540	463872	3.064221	0.00011	0	0	0	1-HR	ALL	1ST	T1	18101324
										UCAR	
324540	463972	0.969349	0.000119	0	0	0	1-HR	ALL	1ST	T1	18032619

										UCAR	
324640	463972	0.650703	0.000139	0	0	0	1-HR	ALL	1ST	T1	18032619
224740	462072	0.506907	0.000121	0	0	_	1 UD	A 1 1	1ST	UCAR T1	10001610
324740	463972	0.506897	0.000131	0	0	0	1-HR	ALL	151	UCAR	18021618
324840	463972	0.496159	0.000145	0	0	0	1-HR	ALL	1ST	T1	18032618
021010	100012	0.100100	0.000110	<u> </u>			1 1111	7 122	101	UCAR	10002010
324940	463972	1.028637	0.000142	0	0	0	1-HR	ALL	1ST	T1	18032618
										UCAR	
325040	463972	2.22367	0.000098	0	0	0	1-HR	ALL	1ST	T1	18041101
										UCAR	
325140	463972	3.015824	0.000113	0	0	0	1-HR	ALL	1ST	T1	18110714
005040	400070	0.050054	0.000475				4 1 15		407	UCAR	40440744
325240	463972	2.359954	0.000175	0	0	0	1-HR	ALL	1ST	T1	18110714
325340	463972	1.678509	0.000144	0	0	0	1-HR	ALL	1ST	UCAR T1	18112614
323340	403972	1.070309	0.000144	U	U	0	1-1111	ALL	131	UCAR	10112014
325440	463972	2.727663	0.000123	0	0	0	1-HR	ALL	1ST	T1	18112614
020110	.000.2	2.727000	0.000120	<u> </u>				,	10.	UCAR	10112011
325540	463972	2.699343	0.000259	0	0	0	1-HR	ALL	1ST	T1	18041624
										UCAR	
325640	463972	2.799626	0.000265	0	0	0	1-HR	ALL	1ST	T1	18030517
				_	_	_				UCAR	
325740	463972	2.688861	0.000162	0	0	0	1-HR	ALL	1ST	T1	18030517
205040	400070	2 20202	0.000400	0	0		4 110	A 1 1	407	UCAR	40440045
325840	463972	3.26293	0.000106	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110615
325940	463972	3.251454	0.000117	0	0	0	1-HR	ALL	1ST	T1	18110520
323340	403912	3.231434	0.000117	0	0	0	1-111	ALL	101	UCAR	10110320
326040	463972	3.254181	0.000087	0	0	0	1-HR	ALL	1ST	T1	18122014
		3.=3.1.								UCAR	
326140	463972	3.567372	0.000266	0	0	0	1-HR	ALL	1ST	T1	18031521
										UCAR	
326240	463972	2.756515	0.000254	0	0	0	1-HR	ALL	1ST	T1	18041701

										UCAR	
326340	463972	2.773211	0.000113	0	0	0	1-HR	ALL	1ST	T1	18041701
		-		_						UCAR	
326440	463972	3.082068	0.000057	0	0	0	1-HR	ALL	1ST	T1	18031517
										UCAR	
326540	463972	2.149431	0.000151	0	0	0	1-HR	ALL	1ST	T1	18110715
				_	_	_				UCAR	
326640	463972	2.909534	0.000147	0	0	0	1-HR	ALL	1ST	T1	18021716
000740	400070	0.005500	0.000400				4 115		407	UCAR	40000000
326740	463972	2.695528	0.000199	0	0	0	1-HR	ALL	1ST	T1	18032820
226940	463972	2 102114	0.000159		0	0	1-HR	A11	1ST	UCAR T1	10022021
326840	403972	3.192114	0.000158	0	U	U	I-IIK	ALL	101	UCAR	18032821
326940	463972	3.778057	0.000195	0	0	0	1-HR	ALL	1ST	T1	18021714
320340	400912	3.110031	0.000193	0	0	0	1-111	ALL	101	UCAR	10021714
327040	463972	4.227938	0.000197	0	0	0	1-HR	ALL	1ST	T1	18032817
02.010	100012	11227 000	0.000101					7 1	10.	UCAR	10002011
327140	463972	3.58688	0.000243	0	0	0	1-HR	ALL	1ST	T1	18032815
										UCAR	
327240	463972	2.912339	0.000229	0	0	0	1-HR	ALL	1ST	T1	18120318
										UCAR	
327340	463972	3.135764	0.00012	0	0	0	1-HR	ALL	1ST	T1	18080117
										UCAR	
327440	463972	3.014073	0.000209	0	0	0	1-HR	ALL	1ST	T1	18032814
007540	4000=0						4		4.0-	UCAR	40000044
327540	463972	2.90887	0.000213	0	0	0	1-HR	ALL	1ST	T1	18032814
007040	400070	0.057070	0.000400				4 110	A 1 1	40T	UCAR	40004040
327640	463972	3.257073	0.000132	0	0	0	1-HR	ALL	1ST	T1	18081219
227740	462072	3.500603	0.000111		0	0	1-HR	ALL	1ST	UCAR T1	100/17/10
327740	463972	3.300003	0.000114	0	U	U	1-UK	ALL	131	UCAR	18041719
327840	463972	3.219988	0.000127	0	0	0	1-HR	ALL	1ST	T1	18030518
327040	700312	J.Z 19900	0.000127	<u> </u>	0	0	1-1111	ALL	101	UCAR	10000010
327940	463972	3.205108	0.000161	0	0	0	1-HR	ALL	1ST	T1	18030518
32.310	100012	0.200100	3.000101					, ,	1	1	.0000010

T	T						1			T	1
328040	463972	3.570318	0.000133	0	0	0	1-HR	ALL	1ST	UCAR T1	18030518
										UCAR	
328140	463972	2.958785	0.000137	0	0	0	1-HR	ALL	1ST	T1	18111013
000040	400070	0.700744	0.000407	0			4 115		407	UCAR	40444040
328240	463972	2.726741	0.000107	0	0	0	1-HR	ALL	1ST	T1 UCAR	18111013
328340	463972	2.638486	0.0001	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
328440	463972	2.827247	0.000104	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
328540	463972	3.01938	0.000094	0	0	0	1-HR	ALL	1ST	T1	18101324
004540	40.4070	0.504505	0.000407				4 115		407	UCAR	10000010
324540	464072	0.584505	0.000127	0	0	0	1-HR	ALL	1ST	T1	18032619
324640	464072	0.437183	0.000122	0	0	0	1-HR	ALL	1ST	UCAR T1	18110515
324040	404072	0.437 103	0.000122	U	U	0	I-HK	ALL	131	UCAR	10110313
324740	464072	0.450155	0.000139	0	0	0	1-HR	ALL	1ST	T1	18032618
02.11.10		01100100								UCAR	
324840	464072	1.059685	0.000129	0	0	0	1-HR	ALL	1ST	T1	18032618
										UCAR	
324940	464072	2.193552	0.000092	0	0	0	1-HR	ALL	1ST	T1	18041101
005040	40.4070	0.000440	0.000404				4 115		407	UCAR	40044404
325040	464072	2.986113	0.000104	0	0	0	1-HR	ALL	1ST	T1	18041101
325140	464072	2.493098	0.00016	0	0	0	1-HR	ALL	1ST	UCAR T1	18110714
323140	404072	2.493090	0.00010	0	U	U	1-111	ALL	131	UCAR	10110714
325240	464072	1.407805	0.000127	0	0	0	1-HR	ALL	1ST	T1	18110714
0202.10									1.0.	UCAR	10110111
325340	464072	2.568881	0.000134	0	0	0	1-HR	ALL	1ST	T1	18112614
										UCAR	
325440	464072	2.622704	0.000198	0	0	0	1-HR	ALL	1ST	T1	18041624
				-	_					UCAR	
325540	464072	2.456368	0.000246	0	0	0	1-HR	ALL	1ST	T1	18041624

325640	464072	2.955722	0.000213	0	0	0	1-HR	ALL	1ST	UCAR T1	18030517
325740	464072	2.644616	0.000091	0	0	0	1-HR	ALL	1ST	UCAR T1	18110518
325840	464072	3.092802	0.000092	0	0	0	1-HR	ALL	1ST	UCAR T1	18110615
325940	464072	2.943025	0.000126	0	0	0	1-HR	ALL	1ST	UCAR T1	18110520
326040	464072	2.945763	0.000096	0	0	0	1-HR	ALL	1ST	UCAR T1	18031521
										UCAR	
326140	464072	3.036407	0.000273	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031521
326240	464072	3.029692	0.000248	0	0	0	1-HR	ALL	1ST	T1 UCAR	18041701
326340	464072	2.442377	0.000075	0	0	0	1-HR	ALL	1ST	T1 UCAR	18041701
326440	464072	3.09679	0.000058	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021717
326540	464072	2.155804	0.000142	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110715
326640	464072	2.961728	0.000145	0	0	0	1-HR	ALL	1ST	T1 UCAR	18021716
326740	464072	2.36636	0.000186	0	0	0	1-HR	ALL	1ST	T1	18032820
326840	464072	3.214447	0.000129	0	0	0	1-HR	ALL	1ST	UCAR T1	18041702
326940	464072	3.97041	0.000184	0	0	0	1-HR	ALL	1ST	UCAR T1	18021714
327040	464072	3.770659	0.000164	0	0	0	1-HR	ALL	1ST	UCAR T1	18032817
327140	464072	4.161777	0.000234	0	0	0	1-HR	ALL	1ST	UCAR T1	18120319
327240	464072	3.096034	0.000237	0	0	0	1-HR	ALL	1ST	UCAR T1	18120318

										UCAR	
327340	464072	3.048145	0.000145	0	0	0	1-HR	ALL	1ST	T1	18120318
				_						UCAR	
327440	464072	3.019646	0.000131	0	0	0	1-HR	ALL	1ST	T1	18101418
										UCAR	
327540	464072	2.951623	0.000223	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
327640	464072	2.942218	0.000155	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
327740	464072	3.164825	0.00013	0	0	0	1-HR	ALL	1ST	T1	18041719
007040	404070	0.000050	0.00000				4 115		407	UCAR	10011710
327840	464072	3.260359	0.000088	0	0	0	1-HR	ALL	1ST	T1	18041719
227040	464070	2 024402	0.000400		_	_	4 110	A 1 1	1CT	UCAR	10020510
327940	464072	2.924403	0.000123	0	0	0	1-HR	ALL	1ST	T1 UCAR	18030518
328040	464072	3.150046	0.000146	0	0	0	1-HR	ALL	1ST	T1	18030518
320040	404072	3.130040	0.000140	0	0	0	1-1111	ALL	101	UCAR	10030310
328140	464072	3.478154	0.000123	0	0	0	1-HR	ALL	1ST	T1	18111013
020140	404072	0.470104	0.000120				1-111	/ \	101	UCAR	10111010
328240	464072	2.808934	0.000128	0	0	0	1-HR	ALL	1ST	T1	18111013
0202.0	10.0.1		0.000.20						1	UCAR	10111010
328340	464072	2.671594	0.000102	0	0	0	1-HR	ALL	1ST	T1	18111013
										UCAR	
328440	464072	2.582338	0.00009	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
328540	464072	2.754442	0.000099	0	0	0	1-HR	ALL	1ST	T1	18102414
										UCAR	
324540	464172	0.428246	0.000114	0	0	0	1-HR	ALL	1ST	T1	18110515
										UCAR	
324640	464172	0.409462	0.000131	0	0	0	1-HR	ALL	1ST	T1	18032618
	,									UCAR	
324740	464172	1.080352	0.000117	0	0	0	1-HR	ALL	1ST	T1	18032618
004045	4044	0.4504.5		_	_	_		 	1.0-	UCAR	1004445
324840	464172	2.153149	0.000087	0	0	0	1-HR	ALL	1ST	T1	18041101

						l		1		11015	
324940	464172	2.936418	0.0001	0	0	0	1-HR	ALL	1ST	UCAR T1	18041101
										UCAR	
325040	464172	2.583612	0.000146	0	0	0	1-HR	ALL	1ST	T1	18110714
325140	464172	1.369026	0.00013	0	0	0	1-HR	ALL	1ST	UCAR T1	18110714
323140	404172	1.505020	0.00013	0	0	0	1-111	ALL	101	UCAR	10110714
325240	464172	2.327975	0.000136	0	0	0	1-HR	ALL	1ST	T1	18112614
										UCAR	
325340	464172	2.686188	0.000142	0	0	0	1-HR	ALL	1ST	T1	18041624
325440	464172	2.583769	0.000235	0	0	0	1-HR	ALL	1ST	UCAR T1	18041624
323440	404172	2.363709	0.000233	U	0	0	1-111	ALL	131	UCAR	10041024
325540	464172	2.782984	0.000221	0	0	0	1-HR	ALL	1ST	T1	18030517
										UCAR	
325640	464172	2.431533	0.000124	0	0	0	1-HR	ALL	1ST	T1	18030517
205740	464470	2 202750	0.000004	0		0	4 110	A 1 1	10T	UCAR	10110615
325740	464172	3.203758	0.000094	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110615
325840	464172	2.818214	0.000089	0	0	0	1-HR	ALL	1ST	T1	18110520
323.0										UCAR	
325940	464172	2.95106	0.000101	0	0	0	1-HR	ALL	1ST	T1	18110520
200040	404470	0.040000	0.000444	0		0	4 110	A 1 1	407	UCAR	40004504
326040	464172	3.018988	0.000141	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031521
326140	464172	2.81407	0.00025	0	0	0	1-HR	ALL	1ST	T1	18031521
920110			0.000_0					7 1		UCAR	
326240	464172	3.135417	0.000223	0	0	0	1-HR	ALL	1ST	T1	18041701
000040	404470	0.040070	0.000040	_		_	4 115		407	UCAR	40044704
326340	464172	2.316378	0.000049	0	0	0	1-HR	ALL	1ST	T1 UCAR	18041701
326440	464172	3.069276	0.000061	0	0	0	1-HR	ALL	1ST	T1	18021717
520.10	2	3.333270	3.000001						1.0.	UCAR	
326540	464172	2.146453	0.000134	0	0	0	1-HR	ALL	1ST	T1	18110715

									LICAD	
464172	2 980119	0.000142	0	0	0	1 ₋ HR	ΔΙΙ	1ST		18021716
404172	2.900119	0.000142	0	0	0	1-111	ALL	101		10021710
464172	2.222176	0.000171	0	0	0	1-HR	ALL	1ST		18032820
									UCAR	
464172	3.365154	0.000126	0	0	0	1-HR	ALL	1ST	T1	18032820
			_	_	_					
464172	3.866009	0.000173	0	0	0	1-HR	ALL	1ST		18032821
464470	2 242076	0.000400	0	_	_	4 110	A 1 1	4CT		1000000
404172	3.342076	0.000122	U	U	U	I-HK	ALL	151		18032823
464172	4 154785	0.0002	0	0	0	1-HR	ΔΙΙ	1ST		18120319
101172	4.104700	0.0002	0			1 1111	/ \	101		10120010
464172	2.788384	0.000222	0	0	0	1-HR	ALL	1ST	T1	18032815
									UCAR	
464172	2.667758	0.000186	0	0	0	1-HR	ALL	1ST	T1	18120318
			_	_	_					
464172	2.960249	0.000106	0	0	0	1-HR	ALL	1ST		18080117
464470	2 707025	0.000150	0	_	_	1 UD	A 1 1	1CT		10022014
404172	2.797035	0.000159	0	U	U	I-HK	ALL	101		18032814
464172	3 005775	0 000204	0	0	0	1-HR	ΔΙΙ	1ST		18032814
101172	0.000770	0.000201	<u> </u>				7 122	101		10002011
464172	2.808239	0.000104	0	0	0	1-HR	ALL	1ST	T1	18032814
									UCAR	
464172	2.987818	0.000126	0	0	0	1-HR	ALL	1ST		18041719
			_	_	_					
464172	2.978035	0.000075	0	0	0	1-HR	ALL	1ST		18032219
464470	0.70004	0.000447		_	_	4 110	A 1 1	10T		10000510
404172	2.79081	0.000117	0	0	0	I-HK	ALL	151		18030518
464172	3 143202	0 000133	0	0	0	1_HR	ΔΙΙ	1ST		18030518
707112	0.170202	0.000100	0	J	J	1-1113	/ \	101		10000010
464172	3.377697	0.000114	0	0	0	1-HR	ALL	1ST	T1	18111013
	464172 464172 464172 464172 464172 464172 464172 464172 464172 464172 464172 464172	464172 2.222176 464172 3.365154 464172 3.866009 464172 3.342076 464172 4.154785 464172 2.788384 464172 2.667758 464172 2.960249 464172 3.005775 464172 2.808239 464172 2.978035 464172 2.978035 464172 2.79081 464172 3.143292	464172 2.222176 0.000171 464172 3.365154 0.000126 464172 3.866009 0.000173 464172 3.342076 0.000122 464172 4.154785 0.0002 464172 2.788384 0.000222 464172 2.667758 0.000186 464172 2.960249 0.000106 464172 3.005775 0.000204 464172 2.808239 0.000104 464172 2.987818 0.000126 464172 2.978035 0.000075 464172 2.79081 0.000117 464172 3.143292 0.000133	464172 2.222176 0.000171 0 464172 3.365154 0.000126 0 464172 3.866009 0.000173 0 464172 3.342076 0.000122 0 464172 4.154785 0.0002 0 464172 2.788384 0.000222 0 464172 2.667758 0.000186 0 464172 2.960249 0.000106 0 464172 3.005775 0.000204 0 464172 2.808239 0.000104 0 464172 2.987818 0.000126 0 464172 2.978035 0.000075 0 464172 2.79081 0.000117 0 464172 3.143292 0.000133 0	464172 2.222176 0.000171 0 0 464172 3.365154 0.000126 0 0 464172 3.866009 0.000173 0 0 464172 3.342076 0.000122 0 0 464172 4.154785 0.0002 0 0 464172 2.788384 0.000222 0 0 464172 2.667758 0.000186 0 0 464172 2.960249 0.000106 0 0 464172 3.005775 0.000204 0 0 464172 2.808239 0.000104 0 0 464172 2.987818 0.000126 0 0 464172 2.978035 0.000075 0 0 464172 2.79081 0.000117 0 0 464172 3.143292 0.000133 0 0	464172 2.222176 0.000171 0 0 0 464172 3.365154 0.000126 0 0 0 464172 3.866009 0.000173 0 0 0 464172 3.342076 0.000122 0 0 0 464172 4.154785 0.0002 0 0 0 464172 2.788384 0.000222 0 0 0 464172 2.667758 0.000186 0 0 0 464172 2.960249 0.000106 0 0 0 464172 2.797035 0.000159 0 0 0 464172 3.005775 0.000204 0 0 0 464172 2.808239 0.000104 0 0 0 464172 2.978035 0.000126 0 0 0 464172 2.79081 0.000117 0 0 0 464172 3.143292 0.000133 0 0 0	464172 2.222176 0.000171 0 0 0 1-HR 464172 3.365154 0.000126 0 0 0 1-HR 464172 3.866009 0.000173 0 0 0 1-HR 464172 3.342076 0.000122 0 0 0 1-HR 464172 4.154785 0.0002 0 0 0 1-HR 464172 2.788384 0.000222 0 0 0 1-HR 464172 2.667758 0.000186 0 0 0 1-HR 464172 2.960249 0.000106 0 0 0 1-HR 464172 2.797035 0.000159 0 0 0 1-HR 464172 3.005775 0.000204 0 0 0 1-HR 464172 2.987818 0.000126 0 0 0 1-HR 464172 2.978035 0.000075 0 0 0 1-HR 464172 2.79081 0.000117 0 0	464172 2.222176 0.000171 0 0 0 1-HR ALL 464172 3.365154 0.000126 0 0 0 1-HR ALL 464172 3.866009 0.000173 0 0 0 1-HR ALL 464172 3.342076 0.000122 0 0 0 1-HR ALL 464172 4.154785 0.0002 0 0 0 1-HR ALL 464172 2.788384 0.000222 0 0 0 1-HR ALL 464172 2.667758 0.000186 0 0 0 1-HR ALL 464172 2.960249 0.000106 0 0 0 1-HR ALL 464172 3.005775 0.000204 0 0 0 1-HR ALL 464172 2.808239 0.000104 0 0 0 1-HR ALL 464172 2.978035 0.000126 <td< td=""><td>464172 2.222176 0.000171 0 0 0 1-HR ALL 1ST 464172 3.365154 0.000126 0 0 0 1-HR ALL 1ST 464172 3.866009 0.000173 0 0 0 1-HR ALL 1ST 464172 3.342076 0.000122 0 0 1-HR ALL 1ST 464172 4.154785 0.0002 0 0 1-HR ALL 1ST 464172 2.788384 0.000222 0 0 1-HR ALL 1ST 464172 2.667758 0.000186 0 0 1-HR ALL 1ST 464172 2.960249 0.000166 0 0 1-HR ALL 1ST 464172 2.797035 0.000159 0 0 1-HR ALL 1ST 464172 2.808239 0.000104 0 0 1-HR ALL 1ST <t< td=""><td>464172 2.222176 0.000171 0 0 0 1-HR ALL 1ST T1 464172 3.365154 0.000126 0 0 0 1-HR ALL 1ST T1 464172 3.866009 0.000173 0 0 0 1-HR ALL 1ST T1 464172 3.342076 0.000122 0 0 0 1-HR ALL 1ST T1 464172 4.154785 0.0002 0 0 0 1-HR ALL 1ST T1 464172 2.788384 0.000222 0 0 0 1-HR ALL 1ST T1 464172 2.667758 0.000186 0 0 0 1-HR ALL 1ST T1 464172 2.960249 0.000166 0 0 0 1-HR ALL 1ST T1 464172 3.005775 0.000204 0 0 0 1-HR</td></t<></td></td<>	464172 2.222176 0.000171 0 0 0 1-HR ALL 1ST 464172 3.365154 0.000126 0 0 0 1-HR ALL 1ST 464172 3.866009 0.000173 0 0 0 1-HR ALL 1ST 464172 3.342076 0.000122 0 0 1-HR ALL 1ST 464172 4.154785 0.0002 0 0 1-HR ALL 1ST 464172 2.788384 0.000222 0 0 1-HR ALL 1ST 464172 2.667758 0.000186 0 0 1-HR ALL 1ST 464172 2.960249 0.000166 0 0 1-HR ALL 1ST 464172 2.797035 0.000159 0 0 1-HR ALL 1ST 464172 2.808239 0.000104 0 0 1-HR ALL 1ST <t< td=""><td>464172 2.222176 0.000171 0 0 0 1-HR ALL 1ST T1 464172 3.365154 0.000126 0 0 0 1-HR ALL 1ST T1 464172 3.866009 0.000173 0 0 0 1-HR ALL 1ST T1 464172 3.342076 0.000122 0 0 0 1-HR ALL 1ST T1 464172 4.154785 0.0002 0 0 0 1-HR ALL 1ST T1 464172 2.788384 0.000222 0 0 0 1-HR ALL 1ST T1 464172 2.667758 0.000186 0 0 0 1-HR ALL 1ST T1 464172 2.960249 0.000166 0 0 0 1-HR ALL 1ST T1 464172 3.005775 0.000204 0 0 0 1-HR</td></t<>	464172 2.222176 0.000171 0 0 0 1-HR ALL 1ST T1 464172 3.365154 0.000126 0 0 0 1-HR ALL 1ST T1 464172 3.866009 0.000173 0 0 0 1-HR ALL 1ST T1 464172 3.342076 0.000122 0 0 0 1-HR ALL 1ST T1 464172 4.154785 0.0002 0 0 0 1-HR ALL 1ST T1 464172 2.788384 0.000222 0 0 0 1-HR ALL 1ST T1 464172 2.667758 0.000186 0 0 0 1-HR ALL 1ST T1 464172 2.960249 0.000166 0 0 0 1-HR ALL 1ST T1 464172 3.005775 0.000204 0 0 0 1-HR

										UCAR	
328340	464172	2.6692	0.00012	0	0	0	1-HR	ALL	1ST	T1	18111013
										UCAR	
328440	464172	2.61748	0.000098	0	0	0	1-HR	ALL	1ST	T1	18111013
				_	_					UCAR	
328540	464172	2.547657	0.00008	0	0	0	1-HR	ALL	1ST	T1	18102414
204540	404070	0.407407	0.000404	0	0		4 110		40T	UCAR	40000040
324540	464272	0.437467	0.000124	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032618
324640	464272	1.092337	0.000107	0	0	0	1-HR	ALL	1ST	T1	18032618
324040	404212	1.092337	0.000107	0	U	0	1-1111	ALL	101	UCAR	10032010
324740	464272	2.105494	0.000082	0	0	0	1-HR	ALL	1ST	T1	18041101
02.11.0	.0.2.2	2.700.07	0.000002					, ,,	1.0.	UCAR	10011101
324840	464272	2.872633	0.000096	0	0	0	1-HR	ALL	1ST	T1	18041101
										UCAR	
324940	464272	2.638397	0.000133	0	0	0	1-HR	ALL	1ST	T1	18110714
										UCAR	
325040	464272	1.53919	0.00013	0	0	0	1-HR	ALL	1ST	T1	18110714
005440	40.4070	0.054004	0.000404				4 1 1 1 1 1 1 1		400	UCAR	10110011
325140	464272	2.054691	0.000131	0	0	0	1-HR	ALL	1ST	T1	18112614
325240	464272	2.70601	0.000097	0	0	0	1-HR	ALL	1ST	UCAR T1	18041624
323240	404272	2.70001	0.000097	0	U	U	I-IIK	ALL	101	UCAR	10041024
325340	464272	2.683897	0.000201	0	0	0	1-HR	ALL	1ST	T1	18041624
020010	101272	2.000001	0.000201	0			1 111	/ LL	101	UCAR	10011021
325440	464272	2.621636	0.000197	0	0	0	1-HR	ALL	1ST	T1	18030517
										UCAR	
325540	464272	2.720014	0.000166	0	0	0	1-HR	ALL	1ST	T1	18030517
										UCAR	
325640	464272	2.587099	0.000083	0	0	0	1-HR	ALL	1ST	T1	18110518
										UCAR	
325740	464272	3.122943	0.000087	0	0	0	1-HR	ALL	1ST	T1	18110615
005040	40.4070	0.70.4057	0.00044	_	_		4 1 15		407	UCAR	40440500
325840	464272	2.734057	0.00011	0	0	0	1-HR	ALL	1ST	T1	18110520

										UCAR	
325940	464272	2.962589	0.000075	0	0	0	1-HR	ALL	1ST	T1	18122014
										UCAR	
326040	464272	2.92675	0.000177	0	0	0	1-HR	ALL	1ST	T1	18031521
				_	_			l		UCAR	
326140	464272	2.652368	0.00021	0	0	0	1-HR	ALL	1ST	T1	18031521
226240	464070	2 402625	0.000400	0	^	_	4 110	A 1 1	10T	UCAR	10041704
326240	464272	3.102625	0.000188	0	0	0	1-HR	ALL	1ST	T1 UCAR	18041701
326340	464272	2.485916	0.000043	0	0	0	1-HR	ALL	1ST	T1	18031517
320340	707272	2.400010	0.000043	0	0	0	1-111	ALL	101	UCAR	10051517
326440	464272	3.011112	0.000064	0	0	0	1-HR	ALL	1ST	T1	18021717
	-			_						UCAR	
326540	464272	2.125077	0.000127	0	0	0	1-HR	ALL	1ST	T1	18110715
										UCAR	
326640	464272	2.972202	0.000138	0	0	0	1-HR	ALL	1ST	T1	18021716
				_	_			l		UCAR	
326740	464272	2.372979	0.000157	0	0	0	1-HR	ALL	1ST	T1	18032820
226040	464070	2 277245	0.000124	0	^	_	4 110	A 1 1	4CT	UCAR	1000000
326840	464272	3.377315	0.000134	0	0	0	1-HR	ALL	1ST	T1 UCAR	18032820
326940	464272	3.557011	0.000157	0	0	0	1-HR	ALL	1ST	T1	18032821
320340	707272	3.337011	0.000107	0	0	0	1-111	ALL	101	UCAR	10032021
327040	464272	3.044643	0.000146	0	0	0	1-HR	ALL	1ST	T1	18021714
	-			_						UCAR	
327140	464272	3.700463	0.000165	0	0	0	1-HR	ALL	1ST	T1	18032817
										UCAR	
327240	464272	3.358909	0.000191	0	0	0	1-HR	ALL	1ST	T1	18120319
_				_		_				UCAR	,_,
327340	464272	2.897557	0.000201	0	0	0	1-HR	ALL	1ST	T1	18120318
207440	404070	0.040400	0.000440	_	_		4 115		10T	UCAR	40400040
327440	464272	2.819196	0.000119	0	0	0	1-HR	ALL	1ST	T1	18120318
327540	464272	2.804348	0.000115	0	0	0	1-HR	ALL	1ST	UCAR T1	18101418
327340	404212	2.004340	0.000113	U	U	U	1-1117	ALL	131	111	10101410

327640 464272 2.78425 0.000183 0 0 1-HR ALL 1ST T	JCAR 18032814
	ICAR
327740 464272 2.765986 0.000166 0 0 0 1-HR ALL 1ST T	
	ICAR
327840 464272 2.922567 0.000109 0 0 1-HR ALL 1ST T	
	ICAR
327940 464272 2.972571 0.000115 0 0 1-HR ALL 1ST T	1 18041719 ICAR
328040 464272 2.71605 0.000072 0 0 1-HR ALL 1ST T	
	ICAR
328140 464272 2.710423 0.000111 0 0 0 1-HR ALL 1ST T	
	ICAR
328240 464272 3.114572 0.000122 0 0 0 1-HR ALL 1ST T	
	ICAR
328340 464272 3.272757 0.000107 0 0 1-HR ALL 1ST T	
	ICAR 40444040
328440 464272 2.539633 0.000112 0 0 1-HR ALL 1ST T	1 18111013 ICAR
328540 464272 2.549255 0.000094 0 0 0 1-HR ALL 1ST T	-
	ICAR
324540 464372 1.097154 0.000098 0 0 1-HR ALL 1ST T	
	ICAR
324640 464372 2.052933 0.000078 0 0 1-HR ALL 1ST T	
	ICAR
324740 464372 2.799282 0.000092 0 0 1-HR ALL 1ST T	
	ICAR 10110711
324840 464372 2.663989 0.00012 0 0 1-HR ALL 1ST T	
324940 464372 1.683821 0.000127 0 0 1-HR ALL 1ST T	JCAR 18110714
	ICAR 18110714
325040 464372 1.781001 0.000121 0 0 0 1-HR ALL 1ST T	
	ICAR
325140 464372 2.604327 0.000097 0 0 0 1-HR ALL 1ST T	

										UCAR	
325240	464372	2.592739	0.000159	0	0	0	1-HR	ALL	1ST	T1	18041624
0202.0			0.000.00					7		UCAR	10011021
325340	464372	2.464886	0.000198	0	0	0	1-HR	ALL	1ST	T1	18041624
										UCAR	
325440	464372	2.661535	0.000182	0	0	0	1-HR	ALL	1ST	T1	18030517
				_	_	_				UCAR	
325540	464372	2.454212	0.000097	0	0	0	1-HR	ALL	1ST	T1	18030517
205040	404070	2.004072	0.000004				4 110	A 1 1	4 C T	UCAR	10110015
325640	464372	3.084273	0.000084	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110615
325740	464372	2.565307	0.000066	0	0	0	1-HR	ALL	1ST	T1	18110520
323740	404372	2.505507	0.000000	U	0	0	1-111	ALL	131	UCAR	10110320
325840	464372	2.495475	0.000105	0	0	0	1-HR	ALL	1ST	T1	18110520
020010	101072	2.100110	0.000100	<u> </u>				, ,	101	UCAR	10110020
325940	464372	2.879596	0.000076	0	0	0	1-HR	ALL	1ST	T1	18122014
										UCAR	
326040	464372	2.702054	0.000196	0	0	0	1-HR	ALL	1ST	T1	18031521
										UCAR	
326140	464372	2.365896	0.000175	0	0	0	1-HR	ALL	1ST	T1	18041701
										UCAR	
326240	464372	2.968713	0.00015	0	0	0	1-HR	ALL	1ST	T1	18041701
000040	404070	0.00000	0.000040				4 110		40T	UCAR	40004547
326340	464372	2.600669	0.000043	0	0	0	1-HR	ALL	1ST	T1 UCAR	18031517
326440	464372	2.931537	0.000065	0	0	0	1-HR	ALL	1ST	T1	18021717
320440	404372	2.93 1337	0.000003	0	0	0	1-111	ALL	101	UCAR	10021717
326540	464372	2.094662	0.00012	0	0	0	1-HR	ALL	1ST	T1	18110715
020010	101072	2.00 1002	0.00012	<u> </u>				, , ,	101	UCAR	10110110
326640	464372	2.944193	0.000134	0	0	0	1-HR	ALL	1ST	T1	18021716
										UCAR	
326740	464372	2.476098	0.000142	0	0	0	1-HR	ALL	1ST	T1	18032820
										UCAR	
326840	464372	3.282729	0.000138	0	0	0	1-HR	ALL	1ST	T1	18032820

										UCAR	
326940	464372	3.137187	0.000138	0	0	0	1-HR	ALL	1ST	T1	18032821
										UCAR	
327040	464372	3.36735	0.000156	0	0	0	1-HR	ALL	1ST	T1	18021714
				_	_					UCAR	
327140	464372	3.236979	0.000145	0	0	0	1-HR	ALL	1ST	T1	18032817
207240	464070	2 66724	0.000405	0	0	_	4 110	A 1 1	1CT	UCAR	10100010
327240	464372	3.66731	0.000195	0	0	0	1-HR	ALL	1ST	T1 UCAR	18120319
327340	464372	2.763919	0.000191	0	0	0	1-HR	ALL	1ST	T1	18032815
327340	707072	2.700010	0.000131	0	0	0	1-111	ALL	101	UCAR	10032013
327440	464372	2.598708	0.000153	0	0	0	1-HR	ALL	1ST	T1	18120318
52.116	10101									UCAR	
327540	464372	2.76752	0.000094	0	0	0	1-HR	ALL	1ST	T1	18080117
										UCAR	
327640	464372	2.685478	0.000121	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
327740	464372	3.011072	0.000183	0	0	0	1-HR	ALL	1ST	T1	18032814
007040	404070	0.700045	0.000404		0		4 115		407	UCAR	40000044
327840	464372	2.702345	0.000124	0	0	0	1-HR	ALL	1ST	T1	18032814
327940	464372	2.888888	0.000107	0	0	0	1-HR	ALL	1ST	UCAR T1	18081219
321940	404372	2.000000	0.000107	U	U	0	1-1111	ALL	131	UCAR	10001219
328040	464372	2.876071	0.000098	0	0	0	1-HR	ALL	1ST	T1	18041719
0200.0	101012	2.0.001.1	0.00000					,	1.0.	UCAR	10011110
328140	464372	2.702893	0.000073	0	0	0	1-HR	ALL	1ST	T1	18030518
										UCAR	
328240	464372	2.615904	0.000105	0	0	0	1-HR	ALL	1ST	T1	18030518
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328340	464372	3.069678	0.000111	0	0	0	1-HR	ALL	1ST	T1	18030518
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328440	464372	3.166077	0.0001	0	0	0	1-HR	ALL	1ST	T1	18111013
200542	404070	0.400044	0.000405	_	_		4 115		40T	UCAR	40444040
328540	464372	2.489841	0.000105	0	0	0	1-HR	ALL	1ST	T1	18111013

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324540	464472	1.997267	0.000074	0	0	0	1-HR	ALL	1ST	UCAR T1	18041101
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324640	464472	2.7198	0.000088	0	0	0	1-HR	ALL	1ST	T1	18041101
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324740	464472	2.666207	0.000109	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110714
324840	464472	1.802867	0.000122	0	0	0	1-HR	ALL	1ST	T1	18110714
02.0.0	.01.112	1.002001	0.000122	-				,	1.0.	UCAR	10110111
324940	464472	1.524968	0.000108	0	0	0	1-HR	ALL	1ST	T1	18112614
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325040	464472	2.424337	0.000105	0	0	0	1-HR	ALL	1ST	T1 UCAR	18112614
325140	464472	2.512465	0.000119	0	0	0	1-HR	ALL	1ST	T1	18041624
020140	404472	2.012400	0.000110	0	0	0	1-111	/ \	101	UCAR	10041024
325240	464472	2.518284	0.000186	0	0	0	1-HR	ALL	1ST	T1	18041624
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325340	464472	2.633716	0.000173	0	0	0	1-HR	ALL	1ST	T1	18030517
325440	464472	2.472963	0.00013	0	0	0	1-HR	ALL	1ST	UCAR T1	18030517
323440	404472	2.472903	0.00013	U	U	U	1-HK	ALL	131	UCAR	16030317
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325640	464472	3.067462	0.000081	0	0	0	1-HR	ALL	1ST	T1	18110615
005740	404470	0.400077	0.00000	•			4 115		407	UCAR	40440500
325740	464472	2.463277	0.00009	0	0	0	1-HR	ALL	1ST	T1 UCAR	18110520
325840	464472	2.755761	0.000081	0	0	0	1-HR	ALL	1ST	T1	18110520
020010	101112	2.700701	0.000001					,	101	UCAR	10110020
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326140	464472	2.485672	0.000184	0	0	0	1-HR	ALL	1ST	UCAR T1	18041701
320140	404412	2.400012	0.000104	U	L U	U	1-1117		101	111	10041701

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326240	464472	2.769542	0.000116	0	0	0	1-HR	ALL	1ST	T1	18041701
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326640	464472	2.901141	0.00013	0	0	0	1-HR	ALL	1ST	T1	18021716
3200.0			0.000.0					7	1	UCAR	
326740	464472	2.537073	0.000128	0	0	0	1-HR	ALL	1ST	T1	18032820
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326840	464472	3.113777	0.000138	0	0	0	1-HR	ALL	1ST	T1	18032820
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327040	404472	3.46373	0.000146	U	U	U	1-HK	ALL	131	UCAR	10021/14
327140	464472	2.98431	0.00011	0	0	0	1-HR	ALL	1ST	T1	18032817
027.110	.01.12	2.00.01	0.00011	<u> </u>				7 122	1.0.	UCAR	10002011
327240	464472	3.596302	0.000163	0	0	0	1-HR	ALL	1ST	T1	18120319
										UCAR	
327340	464472	2.628726	0.000179	0	0	0	1-HR	ALL	1ST	T1	18032815
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327440	464472	2.657622	0.00017	0	0	0	1-HR	ALL	1ST	T1	18120318
227540	464470	2 720020	0.000105	0	^	_	4 110	A 1 1	4CT	UCAR T1	10022010
327540	464472	2.728938	0.000105	0	0	0	1-HR	ALL	1ST	UCAR	18032819
327640	464472	2.696308	0.000102	0	0	0	1-HR	ALL	1ST	T1	18101418
027040	707772	2.000000	3.000102	<u> </u>	0	0	1-111	, \	101	UCAR	10101410
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										UCAR	
327840	464472	2.937079	0.000163	0	0	0	1-HR	ALL	1ST	T1	18032814

AERMOD DISPERSION MODEL VALIDATION STUDY SEPTEMBER 2019 Greater Male' Waste to Energy Project Environmental Impact Assessment (EIA) for the Waste to Energy Facility in Thilafushi Island, Maldives

										UCAR	
327940	464472	2.60067	0.000087	0	0	0	1-HR	ALL	1ST	T1	18032814
										UCAR	
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										UCAR	
328240	464472	2.648025	0.000073	0	0	0	1-HR	ALL	1ST	T1	18030518
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328340	464472	2.522547	0.000099	0	0	0	1-HR	ALL	1ST	T1	18030518
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328540	464472	3.059609	0.000093	0	0	0	1-HR	ALL	1ST	UCAR T1	18111013
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Chemical											
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S1	0.0804										
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CONCUNIT	/mm A O										
ug	/m^3										
DEPUNIT	A2										
g/m	^2										

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Greater Malé Waste to Energy Project Information on Greenhouse Gas Emission Calculations (Lifted from the project's application to access JFJCM resources)

I. Specific data

1. Description of the project and the subcomponent/s with the advanced low carbon technology

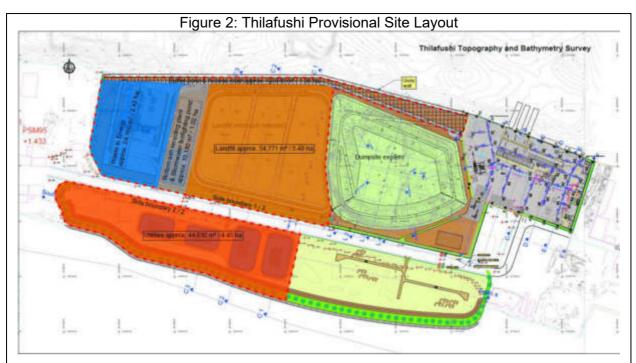
The Greater Male Environmental Improvement and Waste Management Project (the Project) will establish an integrated regional solid waste management system in Greater Male including collection, transfer, treatment using waste-to-energy (WtE) technology, disposal, recycling, dumpsite closure and remediation, public awareness in reduce-reuse-recycle (3R), and to strengthen institutional capacities for service delivery and environmental monitoring.

The project will be implemented in two phases. Phase 1, with an estimated cost of \$40 million, was approved by ADB in 2018, has the following components: (i) improved waste collection and transfer in Greater Male, (ii) improved dumpsite management and logistics on Thilafushi Island, (iii) improved island waste management systems, (iv) strengthened institutional capacity of WAMCO, (v) awareness campaign and behavior change, and (vi) project management, design, and supervision support.

Phase 2 (Greater Male Waste to Energy Project) is planned for ADB approval in 2020, with total estimated cost of \$137.12 million (exclusive of contingency and financing charges). It includes the following components: (i) development of regional waste management facility with 500 tons/day WtE plant with up to 12 MW power generation, (ii) Thilafushi dumpsite rehabilitation and remediation, (iii) strengthened institutional capacity to monitor standards and performance of WtE, and (iv) improved public awareness

The development of a 500 tons/day WtE plant envisioned under the Greater Male Waste to Energy Project seeks funding from the JFJCM. The required land (approx. 15 ha) has been reclaimed by the Government to accommodate the plant and ancillary facilities on the island of Thilafushi, which is an industrial island 6 kilometers from the capital Male.



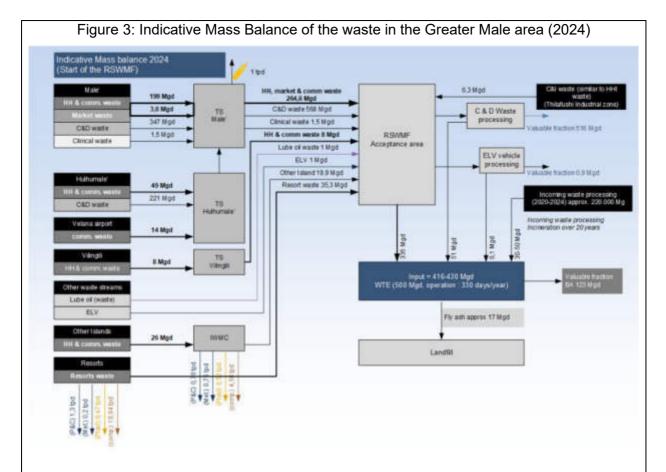


Government capacity to operate and maintain Phase 1 and Phase 2 (WtE) is supported by the Clean Authority of Tokyo (CAT), which is the public body in charge of coordinating solid waste management across Tokyo. The Project will reflect the lessons learned from the Tokyo model to effectively construct and operate the WtE system as well as to build trust for the WtE among the surrounding communities.

The project will provide integrated and sustainable solid waste management services in the Greater Malé region (Malé, Villingili & Hulhumalé) including the inhabited islands in atolls of Kaafu, Alifu Alifu Dhaalu and Vaavu. The project area has a population of approximately 220,000 (51% of Maldives) which is spread over 35 islands and 73 tourist resorts. The population is expected to grow to 300,000 within the next five years due to the significant development of Hulhumale. Together with commercial and industrial entities, institutions and about 1 million tourists, in 2022 the residents will generate approximately 115,000 tons of Municipal Solid Waste (MSW) per year (around 315 tons per day) which is complemented by another 70,000 to 100,000 tons of construction and demolition waste (CDW). Around 10 to 15% of the CDW material is assumed to be flammable.

The 500 tons/day plant size considers projected waste growth in the Greater Male region up to 2038 and the incineration of waste bales during initial years of operations. The waste bales will be produced as temporary solid waste management solution on Thilafushi until the WtE will be commissioned. After 2039, it is planned to install additional treatment line to meet the growing waste management requirement. An indicative mass balance of the waste in the Greater Male area at the start of the WtE (2024) is summarized in Figure 3.

The latest waste audit carried out by the feasibility study consultants confirmed previous waste surveys and showed the following composition: food & kitchen waste 40%, green & garden waste 10%, other organic waste 10%, paper and cardboard 12%, plastic 10%, hazardous waste 1%, metal 4%, glass 3%, and other 10%. The net calorific value (NCV) of the waste is 7.5 MJ/kg.

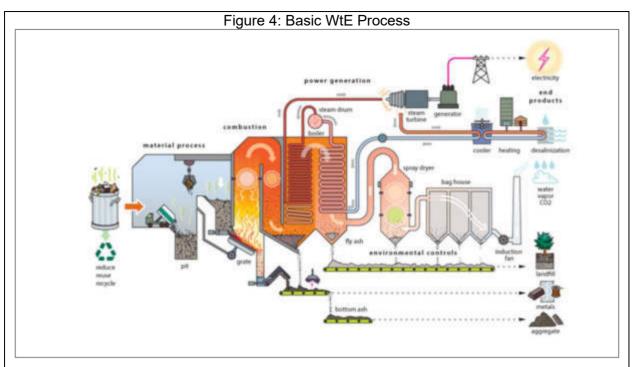


The project feasibility study selected a state-of-the-art WtE treatment based on a grate incineration due to land constraints on Thilafushi and sustainability considerations (best practicable environmental option). This WtE process is a well-known, reliable and robust disposal solution that can accommodate best the urgent needs for an environmental improvement of the waste management in the Maldives and that can cope with a broad variety of untreated waste.

The WtE subcomponents are:

- Waste reception and bunker/refuse pit
- Furnace including feeding hopper and pusher, moving grate and wet de-asher
- Boiler including superheaters and economizer
- Flue gas cleaning
- Extraction condensing type turbine and sea water cooled condenser
- Generator

The basic WtE process is shown in the following schematic diagram:



The final design of the facility will be subject to the Design-Build-Operate (DBO) Contractor. A DBO procurement was chosen to minimize operational risks as such facility requires specialist know how that is not available in the Maldives.

All equipment the DBO contractor will install has to meet state-of-the art design and durability criteria such as 8,000 hours/year availability, high standards for protection of the corrosion prone boiler zones, redundancy of important equipment (waste feeding cranes, boiler feed water pumps, cooling water pumps etc.). The facility will be built as a two-train unit (250 tons/day x 2) thus allowing to accommodate any overhaul or revision without compromising the waste disposal entirely for the period of the overhaul.

Emission standards the flue gas treatment system has to meet will follow the latest European regulations while the capacity of local EPA will be strengthened to enable operational monitoring of the facility (partnership with the Clean Authority of Tokyo is addressing this). Furthermore, ADB will finance one year of monitoring of the facility through the design and construction supervision consultant that will be recruited to manage the entire design-build period.

The extraction condensing turbine will allow a versatile usage of the energy surplus the facility is generating either by producing electricity or both heat and electricity. The usage of surplus energy will depend on the local requirements such as production of ice flakes, water, generation of cooling energy etc.

The Government of the Maldives is planning to develop Thilafushi island as an industrial hub and plans are maturing to construct a bridge between the capital city of Male and the island that would facilitate to link the electricity grid on Thilafushi with the Male network. Once the network link is established, the power surplus of the WtE facility that is envisaged to be in the range between 6 and 9 MW (increase overtime) that can be fed into the network substituting diesel-based electricity generation that is the still predominant source of power generation in the Maldives. Given the current status of the waste treatment and the land scarcity of the Maldives, the WtE facility may be regarded as a measure that must not be delayed.

If the power link does not materialize via the bridge, the local grid operator STELCO may consider a submarine cable as the fuel savings due to the power fed into by the WtE plant are so significant that such submarine cable will provide a guick return on investment.

Calculating the CO2, the power output as per section 7 has been applied.

The outcomes from the implementing the subproject are (i) cleaner environment with no litter and smoke reaching Male or resorts, (ii) reduced leachate pollution into marine environment, and (iii) reduced emissions of greenhouse gasses (GHG). The impact is a healthy living environment in Greater Male.

2. Background of the project

Solid waste management in the project area is a top priority that has been acknowledged by the previous and the current government.

To date the majority of the waste generated within Zone 3 is dumped haphazardly on the island Thilafushi which is located close to the capital Malé. Waste from Malé, Hulhumale and Vilimale is delivered with landing crafts while resorts are using a vessel called "dhonis". The island Thilafushi itself has been created using both MSW and CDW as reclamation material for more than 25 years now. Starting in 1992, land has been reclaimed from the lagoons to build up the artificial island.

Greater Male severely lacks an organized and environmentally sustainable solid waste management system. Waste management is operated by the recently established (2015) Waste Management Corporation Limited (WAMCO). Though the collection system is working under the conditions found in Male, there is no separate collection of construction, demolition, and hazardous wastes and no source separation of recyclables.

On small islands and low-cost resorts waste is dumped on beaches or in the deep ocean, and backyard burning or setting fires to open dump sites is a common practice on small islands with limited public awareness of 3R approaches.

Collected waste from Male, Hulhumale and Vilimale is transported on barges to the artificially created, industrially zoned Thilafushi Island located 6 kilometers from Male. The 30-year old 10-hectare open dumpsite managed by WAMCO has no leachate control systems and deliberate burning result in plumes of smoke and severe air pollution hazards to on-site workers, Male residents, and surrounding tourists generating frequent complaints. On-site equipment and site logistics are not sufficient or optimal to efficiently manage the growing volumes of incoming waste.

Reducing the GHG emissions is an urgent issue in Maldives as stated in the Maldives' climate change mitigation target as described in its Nationally Determined Contribution (NDC) submitted to the United Nations Framework Convention Climate Change (UNFCCC) secretariat in April 2016. According to the NDC, Maldives has outlined a series of policies and measures that the country commits to implement up to 2030, in the energy, transportation and waste sectors. The expected mitigation impact of these policies and measures will be a 10% reduction in total national GHG emissions by 2030, compared to the projected emissions under a business as usual scenario. The 10% reduction expressed above could be increased up to 24% in a conditional manner, in the context of sustainable development, supported and enabled by availability of financial resources, technology transfer and capacity building.

3. Anticipated technology specification and usage

As mentioned above, the main objective of the Project is to implement a ready-to-use and stateof-the-art technology that is capable to process a wide range of untreated waste and that is robust and reliable. The feasibility study consultant of the Government of the Maldives evaluated various technologies and compared them with respect to their technical, environmental, social and economic aspects.

- (1) Grate incineration: Incineration on a moving grate can offer manifold examples throughout the world (more than 2,400 treatment lines), can process a wide range of untreated waste, is known for its reliability and robustness and is applied by many waste management companies and public bodies worldwide. Because of these factors, the lower investment and operational expenditures, and particularly, because of the urgent need for a disposal solution, the grate incineration was ranked highest.
- (2) Gasification: The Government's consultant compared the currently available gasification technologies for MSW (fixed and fluidized bed, plasma). All of them require a tailored waste input and an advanced waste collection and pre-processing system prior to the thermal treatment. Given the current status of the waste management in Male and in Zone III, the requirements for waste pre-treatment, the lower energy output, the need for constant auxiliary fuel (fixed bed) and the higher CAPEX and OPEX for these technologies, they were not considered for the tendering.
- (3) Combination of incineration and anaerobic digestion of the biological waste material: The residues from the pre-processing and from the anaerobic digestion would then be incinerated. Though this option can be superior with respect to the energy output, the land required for the two facilities and the higher costs do not favor this option.

Given the evaluation, the grate incineration technology is selected. The track record of incineration with the moving grate technology shows the reliability and the range of wastes can be processed effectively.

4. Technical specifications and evaluation and qualification criteria for procurement of the subcomponent

A design build operate (DBO) contract will be used as a procurement method, and the contractor will be awarded through international competitive bidding. Some of the main required specifications and qualifications are as follows.

(1) Technical Specifications

Main features of the state-of-the art WtE facility are robustness, reliability and durability of the electro-mechanical and civil components. As such, the following will be requested to the DBO contractor:

- Overall durability criteria for the civil and electro-mechanical part such as life time expectancy for the civil components of 50 years, turbine 40 years, moving grate 30 years, electrical components 30 years, fans/pumps 15 years, etc., all steel equipment and steel structure to be corrosion protected, track record for the grate technology applied;
- Minimum material thickness of erosion/abrasion/corrosion prone components (such as feeding hopper, pusher duct, boiler walls etc.)
- Redundancy of certain crucial components (waste cranes, boiler feed water and condensate pumps, hydraulic systems, cooling water pumps, etc.)

The basic specifications for the WtE and ancillary facilities are summarized in the table below. The final design and arrangement of the facilities within the project site will depend on the DBO Contractor. The Contractor will be required to adopt state-of-the-art incineration technology.

Table 1: Preliminary Design Parameters of the WtE and Ancillary Facilities

Parameter		Range/Data/Type	Remarks
WtE - Facility			
Capacity	t/y	167,000	
	t/hr	21	
No of trains		2	
NCV	kJ/kg	6,500 – 9,500	
Design NCV	kJ/kg	7,500	
Expected IBA amount	%	25	of input
Baled waste input	%	min. 10	of nominal mechanical capacity
Overload	%	10	of nominal thermal and mechanical capacity
Furnace		grate system 850°C, 2s	roller, forward or reciprocating
Boiler		natural circulation	horizontal or vertical boiler passes, cladding of corrosion prone boiler components
Turbine		extraction condensing	robustness is crucial, no. of turbines subject to DBO Contractor, extraction rate is yet to be defined, the final capacity of the turbine will depend on the Contractor's design
Re-cooling unit		sea water cooling	environmental sensitivity of coral reefs to be considered
APC system		Semi-Dry or dry system	final design subject to DBO Contractor meeting European emission standards is compulsory, minimising volume of residue
IBA processing		maturation, FE/NON-FE, crushing, screening	tradable volume subject to market
Residue landfill	•	•	
Total volume	m3	560,000	incl. base liner system or asphalt base and leachate collection system, for APC residues and non-marketable IBA (and other rejects)
No of cells		>3	final design subject to DBO Contractor
Envisaged life time of landfill	years	> 15 years	subject to IBA recycling and marketing
Leachate treatment			
Treatment system		reverse osmosis	
Capacity	m3/d	120	expected throughput up to 55 m3/d (capacity reserve to cope with exceptional leachate volume due to weather conditions)
Brine disposal	m3/d	max. 14	via APC system of WtE

Also, the O&M shall be supervised on a daily basis by the Plant Manager who has more than 10 years of operation management experience at WtE facility. Engineering manager of primary technology provider and engineers of major equipment manufacturers shall be resident until performance of the WtE operation (8,000h/year).

(2) Evaluation Criteria

The Bid shall comprise two envelopes submitted simultaneously, one containing the Technical Bid and the other the Price Bid, both envelopes enclosed together in an outer single envelope. In the Technical Bids evaluation process, the Employer will carry out a detailed technical evaluation to determine whether the technical aspects are in compliance with the Bidding Document. The evaluation criteria are under development, which will be used by the Employer to examine and compare the technical aspects of the Bids on the basis of the information supplied by the Bidders, taking into account the following:

- a) General aspects such as completeness of the proposals, the description of the EPC and project management, the health and security and environment management plan consideration, the preliminary operations and maintenance plan, their considerations towards disclosure of information to the public and etc;
- b) The bidders' capabilities to mobilise the required sub-contractors, the necessary equipment and personnel that need to be specified accordingly;
- c) The grate technology applied by the bidders must be a proven one, at least three years of successful operation;
- d) Some aspects such as thickness of wear prone components are specified which the bidders have to comply with;
- e) The potential energy output;
- f) All performance guarantees must be met, such as 8,000 hours availability (needs to be proven), operations within the stoker capacity diagram meeting the specified steam temperature and pressure and the emission standards at the stack and for the effluent of the leachate treatment and etc;
- g) Redundancy aspects, e.g. as for the cranes, for the boiler feed water supply, the cooling water supply etc.
- h) Design criteria to be taken into account, amongst others, the expandability of the facility (a third line) which needs to be considered in the design of certain components and elements of the facility;
- i) Compliance with standards;

The Bid that does not meet minimum and/or maximum acceptable standards of completeness, consistency, detail and performance guarantees, will be rejected for non-responsiveness;

Cost evaluation will be made on a life-cycle cost (LCC) basis, which means that both the initial cost, the operation and maintenance costs (variable and fixed costs) will be taken into account for evaluation. In addition to this, the incentive given to the contractor to generate electricity has to be taken into account. As the WtE facility will be producing a power surplus, for comparison reasons the overall energy sales which the Employer will accrue will be taken into consideration as well. In addition, if the bidder proposes to utilize the energy generated by the WtE to produce goods such as water as more reasonable and effective energy usage than the electricity for the grid, the revenue from the goods sale also can be taken into consideration when calculating the LCC. All costs and revenues during the O&M period will be discounted with an interest rate of 4% to get the net present value. The 4% were chosen to consider ADB's grant and both the concessional loan being provided by ADB and the more commercially oriented interest rates offered by AllB and ISDB. Taking into account that an evaluation applying a low discount rate favors designs with high initial capex that can be operated at lower costs, which is in the interest of the Government of Maldives, the 4% are deemed reasonable.

Life Cycle Cost = Costs for the Design-Build + NPV(fixed O&M fee related the technology and technology provider) + NPV(variable O&M fee related the technology and technology provider) + (NPV(electricity incentive) + NPV(asset replacement costs) – NPV(electricity sales)) .

(3) Qualification Criteria

A pre-qualification process was conducted from May to August 2019, and shortlisted bidders will be invited to participate in the bidding process. The qualification of the bidders will be assessed with the following criteria (excerpt):

- (a) Participation in at least two WtE DBO contracts (or similar long term BOT or PPP contracts) where design-build has been successfully or substantially completed within the last 10 years and that is similar to the proposed facilities, where the value of the Applicant's participation exceeds 75% of the total value of the reference contract (For JV, all partners combined must meet requirement as follows: 1) either one partner must meet requirement, or 2) any to partners must each demonstrate one successfully or substantially completed contract of similar size and nature). The reference contracts shall comply with the following criteria:
 - o The minimum facility throughput capacity for each contract shall be 250 tons/day;
 - The operating and maintenance period specified in the contract shall be ten years or more.
- (b) Minimum average annual turnover of not less than \$64 million within the last 3 years.
- (c) Lead/managing partner for a Design-Build-Operate contract (or similar long term BOT/PPP contract) for waste to energy plant of at least 250 tons/day capacity, where the design-build has been successfully or substantially completed within the last ten years (For JV, one partner must meet requirements).
- (d) O&M of a at least one waste to energy plants of at least 250 tons/day capacity (For JV, one partner must meet requirements). Each reference contract shall comply with the following criteria:
 - The O&M component of the contract is either ongoing or was completed no more than five years ago;
 - o If the contract is ongoing, the contract has been running for two years or more;
 - The O&M contract specifies an operating and maintenance period of ten years or more;
 - The subject WtE facility has been operating successfully since commencement of the O&M contract, meeting the specified emission requirements.

The prime technology provider, including its consolidated subsidiaries, must have the experience of having completed at least three contracts of nature, size and complexity similar to the proposed (sub-)contract of WtE for municipal solid waste including design, engineering, procurement, manufacturing, transportation, installation and testing/commissioning. Each reference contract shall be for a plant with a capacity of at least 250 tons per day and under operation for more than 10 years. The prime technology provider shall also have one reference contracts outside the (sub-)contractor's home country. The prime technology provider shall have an experience of providing flue gas treatment process that complies with prescribed environmental standards of reference contract.

The Bid evaluation will be conducted by the Employer (Ministry of Environment, Maldives) and substantially supported by a team of international consultants including a DBO specialist, WtE mechanical engineer, a WtE O&M specialist and a WtE financial evaluation specialist.

- 5. If the specific provider and technology is identified, the spec of the technology No specific provider and technology are identified.
 - 6. Estimated reduction amount of CO₂ emission from energy sources by the advanced low carbon technology, energy efficiency improvement and/or renewable energy capacity installed and total reduction amount of GHG emission.

In accordance with the proposed outline of the methodology shown below in section II.9, the estimated emissions in tons of carbon dioxide equivalent are 808,345 tCO2e for 20 years as shown in Table 2 below. The process for its calculation can be found in the Annex IV: JCM

monitoring plan sheet, which is drafted based on the JMC_MM_AM001_ver01.0. https://www.jcm.go.jp/mm-jp/methodologies/75/monitoring spreadsheet file

Table 2. Estimated Emission Reductions from the WtE JCM Subcomponent

NEED 1	Reference emissions		Project e	Project emissions		ductions	Accumulated GHG ERs		
Year	GHG total	CO2 only	GHG total	CO2 only	GHG total	CO2 only	GHG total	CO2 only	
Unit	tCO2e	tCO2	tCO2e	tCO2	tCO2e	tCO2	tCO2e	tCO2	
2025	36,380.2	36,380.2	38,941.4	36,428.2	-2,561.2	-48.0	-2,561.2	-48.0	
2026	61,931.4	54,930.2	43,075.9	40,276.0	18,855.5	14,654.2	16,294.3	14,606.	
2027	69,230.3	56,260.8	43,959.7	41,098.5	25,270.6	15,162.3	41,564.9	29,768.	
2028	75,150.0	57,518.6	44,799.4	41,880.0	30,350.6	15,638.6	71,915.5	45,407.	
2029	78,794.1	57,414.2	44,742.2	41,826.8	34,051.9	15,587.4	105,967.4	60,994.5	
2030	81,741.5	57,425.0	44,757.8	41,841.3	36,983.7	15,583.7	142,951.1	76,578.2	
2031	84,114.3	57,426.5	44,764.5	41,847.5	39,349.8	15,579.0	182,300.9	92,157.2	
2032	86,078.3	57,430.1	44,768.9	41,851.6	41,309.4	15,578.5	223,610.3	107,735.7	
2033	87,740.1	57,435.1	44,770.5	41,853.1	42,969.6	15,582.0	266,579.9	123,317.	
2034	89,173.8	57,440.9	44,769.2	41,851.9	44,404.6	15,589.0	310,984.5	138,906.7	
2035	90,432.4	57,448.1	44,764.3	41,847.3	45,668.1	15,600.8	356,652.6	154,507.5	
2036	91,552.3	57,456.0	44,755.9	41,839.5	46,796.4	15,616.5	403,449.0	170,124.0	
2037	92,560.9	57,465.4	44,743.7	41,828.2	47,817.2	15,637.2	451,266.2	185,761.2	
2038	93,477.5	57,476.2	44,727.6	41,813.2	48,749.9	15,663.0	500,016.1	201,424.2	
2039	94,306.5	57,478.3	44,581.7	41,677.4	49,724.8	15,800.9	549,740.9	217,225.	
2040	95,071.9	57,509.3	44,456.4	41,560.8	50,615.5	15,948.5	600,356.4	233,173.6	
2041	95,763.1	57,538.8	44,331.6	41,444.6	51,431.5	16,094.2	651,787.9	249,267.8	
2042	96,392.8	57,569.0	44,207.0	41,328.7	52,185.8	16,240.3	703,973.7	265,508.	
**2043	96,392.8	57,569.0	44,207.0	41,328.7	52,185.8	16,240.3	756,159.5	281,748.4	
**2044	96,392.8	57,569.0	44,207.0	41,328.7	52,185.8	16,240.3	808,345.3	297,988.	
Total	1,692,677.0	1,124,740.7	884,331.7	826,752.0	808,345	297,989			

^{**} The values of 2042 are used for 2043 and 2044 because the JCM_MM_AM_001 can only calculate the values for 18 years. This is considered conservative as the actual values (emission reductions) in 2043 and 2044 are estimated higher than in 2042.

For the scenario analysis to calculate the emission reductions above, the following data on the waste incinerated and net energy outputs were assumed.

Table 3: Waste to be incinerated and net energy output (incl. baled waste)

	Waste Incinerated (t)	Net Energy Output (MWh)
2025	139,400	50,528
2026	155,300	76,292
2027	158,699	78,140
2028	161,928	79,887
2029	161,708	79,742
2030	161,768	79,757
2031	161,794	79,759
2032	161,811	79,764
2033	161,817	79,771
2034	161,812	79,779
2035	161,793	79,789

2036	161,761	79,800
2037	161,714	79,813
2038	161,652	79,828
2039	161,091	79,831
2040	160,609	79,874
2041	160,129	79,915
2042	159,650	79,957
*2043	159,172	79,998
*2044	158,696	80,038

^{*}The values for 2043 and 2044 are not used for the calcuration of the emission reductions in the methodologies because the JCM_MM_AM_001 can only calculate the values for 18 years.

As stated in the section II.1 above, the proposed 500 tons/day plant can deal with the waste growth in the Greater Male region up to 2038. While it is planned to install additional treatment line to meet the growing waste management requirement in 2039, the above data does not include the additional line for the purpose of fairly calculating the energy output and GHG emission reductions materialized by the JFJCM grant.

The actual emission reductions occur from 2026 while the operation of the plant starts from 2025. This is because, for the first year (2025), the annual GHG emission reductions are expected to be negative (emissions increase) due to small contribution of methane emission reductions and low energy surplus fed into the grid.

7. Co-benefit of the environment and region (Describe the reduction of environmental pollution, including air or water pollution, solid waste treatment or conservation of natural resources, and/or (b) other social economic benefits, including increased job creation opportunities and better access to basic infrastructures)

The Project will bring significant environmental, social and economic co-benefits.

- (a) Reduction of the MSW directly disposed in the landfill site will result in
 - a. improved health of the residents by minimising the odour and smoke from spontaneous combustion;
 - b. improved marine ecosystem by minimising the waste dumping to the ocean;
 - c. expanded lifetime of the landfill site (minimised waste volume to be delivered to the landfill).
- (b) Reduction of diesel oil use will result in
 - a. improved energy security and trade balance of the government as the Maldives heavily depends on diesel for power generation, which is entirely imported;

8. The applied JCM MRV methodology (If not existing, the rough proposal of JCM methodology)

The methodology to be applied for the Project will be considered based on the approved methodology: JCM_MM_AM001_ver01.0 (Power generation and avoidance of landfill gas emissions through combustion of municipal solid waste (MSW)).

(1) Title of the methodology:

Power generation and avoidance of landfill gas emissions through combustion of municipal solid waste (MSW)

- (2) Summary of the Methodology
- (i) GHG emission reduction measures:
 - (a) Installation of MSW incinerators avoids emissions of methane associated with disposed organic waste in a solid waste disposal site (SWDS);
 - (b) Electricity generated by the project facility displaces electricity from a grid or captive power generator which is generated using fossil fuels resulting in GHG emission reductions.
- (ii) Reference emissions: Reference emissions are calculated as a sum of the following emissions:
 - (a) CH₄ emissions from SWDS: Calculated from the amount of MSW and fraction of each waste type incinerated in the incinerator using the first order decay (FOD) model; and
 - (b) CO₂ emissions from a grid or captive power generator: Electricity fed into the grid by the project facility multiplied by the emission factor of displaced electricity.
- (iii) Project emissions: Project emissions are calculated as a sum of the following emissions:
 - (a) CO₂ emissions from combustion of fossil carbon contained in MSW: The amount of MSW multiplied by the fraction of fossil carbon content and the conversion factor of carbon;
 - (b) N₂O emissions from combustion of waste: The amount of MSW multiplied by the N₂O emission factor associated with incineration;
 - (c) CO₂ emissions from electricity used to operate the project facility: Electricity used to operate the project facility multiplied by the emission factor of electricity; and
 - (d) CO₂ emissions from auxiliary fossil fuel consumption associated with incineration: The amount of fossil fuel consumption associated with incineration multiplied by the emission factor of the fossil fuel.
- (iv) Monitoring parameters:
 - (a) Quantity of MSW fed into incinerator (wet basis);
 - (b) Quantity of electricity generated by the project facility;
 - (c) Quantity of electricity consumed by the project facility; and
 - (d) Quantity of auxiliary fossil fuel consumed.
- (3) Eligibility criteria

This methodology is applicable to projects that satisfy all of the following criteria.

Criterion 1	The project newly installs an incinerator, waste heat recovery boiler,
	exhaust gas treatment equipment and turbine generator.
Criterion 2	The project incinerates municipal solid waste (MSW) which has been disposed at a SWDS where the generated landfill gas is not recovered, and generates electricity from steam produced in waste heat recovery boiler.
Criterion 3	There is a plan to operate the project facility for more than 5 years.

(4) Reference scenario

A project which applies this methodology incinerates MSW and generates electricity. In Maldives, MSW is usually disposed in open dump sites without recovering landfill gas. Although some initiatives exist to treat waste with alternative methods such as incinerating MSW, the cost of alternative treatment of waste hampers its installation. Therefore, without the financial assistance the alternative waste treatment facility would not be bankable. As a result, BaU for MSW treatment is open dumping and setting fire to the waste and BaU emissions are CH₄ emissions from decomposition of MSW at a SWDS and CO₂ emissions from fossil fuels combusted to generate electricity which would be displaced by the project. CH₄ emissions from decomposition of MSW at a SWDS are calculated based on a first order decay (FOD) model.

To assure net emission reductions, the model correction factor which accounts for uncertainty of the model to calculate emissions from decomposition of MSW is set conservatively. Therefore, the reference emissions are a summation of conservative CH₄ emissions from decomposition of MSW at a SWDS and CO₂ emissions from fossil fuels combusted to generate electricity which would be displaced by the project.

(5) Calculation formulas

(i) Calculation of reference emissions:

$$RE_p = RE_{CH4,p} + RE_{elec,p}$$

Where:

 RE_p = Reference emissions during the period p [tCO₂e/p]

 $RE_{CH4,p}$ = Reference emissions from decomposition of MSW at a SWDS during the

period p [tCO₂e/p]

 $RE_{elec.p}$ = Reference emissions from electricity generation during the period p [tCO₂e/p]

Reference emissions from decomposition of MSW at a SWDS during the period p (RE_{CH4,p}) is accounted only from the next calendar year after its disposal at a SWDS (or incineration) due to delay in generation of CH₄ from the time of disposal at a SWDS.

$$\begin{aligned} \text{RE}_{\text{CH4,p}} &= \sum_{y=\text{p_start}}^{\text{p_end}} \left[\phi \times (1-\text{f}) \times \text{GWP}_{\text{CH4}} \times (1-\text{OX}) \times \frac{16}{12} \times \text{F} \times \text{DOC}_{\text{f}} \times \text{MCF} \\ &\times \sum_{i=1}^{y-1} \sum_{j} \left\{ W_i \times P_j \times \text{DOC}_{j} \times \text{e}^{-k_j(y-1-i)} \times \left(1-\text{e}^{-k_j}\right) \right\} \right] \end{aligned}$$

Where:

 $RE_{CH4,p}$ = Reference emissions from decomposition of MSW at a SWDS during the period p [tCO₂e/p]

y = The Nth year from the first disposal (or incineration), extending from the first year of the period p ($y=p_start$) to the last year of the period p ($y=p_end$). If y is equal to 1, methane generation cannot be accounted.

p_start = The Nth year from the first disposal (or incineration), which is the first year of the period p

p_end = The Nth year from the first disposal (or incineration), which is the last year of the period p

φ = Model correction factor to account for model uncertainties

f = Fraction of methane captured at a SWDS and flared, combusted or used in another manner that prevents the emissions of methane to the atmosphere

 GWP_{CH4} = Global Warming Potential of methane [tCO₂e/tCH₄]

OX = Oxidation factor (reflecting the amount of methane from a SWDS that is oxidized in the soil or other material covering the waste)

 $\frac{16}{12}$ = Conversion factor [tCH₄/tC]

F = Fraction of methane in the SWDS gas [volume fraction]

 $\mathrm{DOC}_{\mathrm{f}}$ = Fraction of degradable organic carbon (DOC) that decomposes under the specific

conditions occurring in a SWDS [weight fraction]

MCF = Methane correction factor

i = The Nth year from the first disposal (or incineration), extending from the first year in the time period in which MSW is disposed at a SWDS (i = 1) to year y (i = y)

 W_i = Quantity of MSW fed into incinerator in the year *i* (wet basis) [t]

P_i = Fraction of the waste type *j* [weight fraction]

 DOC_i = Fraction of degradable organic carbon in the waste type j [weight fraction]

 k_i = Decay rate for the waste type j [1/yr]

i = Type of waste

 $RE_{elec,p} = EG_{elec,p} \times EF_{elec}$

Where:

 $RE_{elec.p}$ = Reference emissions from electricity generation during the period p [tCO₂e/p]

 $EG_{elec.p}$ = Quantity of electricity generated by the project facility during the period p [MWh/p]

EF_{elec} = Emission factor for electricity generation [tCO₂e/MWh]

(ii) Calculation of project emissions

 $PE_p = PE_{COM_CO2,p} + PE_{COM_N2O,p} + PE_{EC,p} + PE_{FC,p}$

Where:

 PE_p = Project emissions during the period p [tCO₂e/p]

 $PE_{COM_CO2,p}$ = Project emissions of CO_2 from combustion of fossil carbon contained in waste associated with incineration during the period p [tCO₂e/p]

 $PE_{COM_N2O,p}$ = Project emissions of N₂O from combustion of waste associated with incineration during the period p [tCO₂e/p]

 $PE_{EC,p}$ = Project emissions from electricity consumption by the project facility during the period p [tCO₂e/p]

 $PE_{FC,p}$ = Project emissions from auxiliary fossil fuel consumption associated with incineration during the period p [tCO₂e/p]

$$PE_{COM_CO2,p} = EFF_{COM} \times \frac{44}{12} \times \sum_{j} \left(\sum_{i=p_start}^{p_end} W_i \times P_j \times \frac{DC}{100} \times FCC_j \times FFC_j \right)$$

Where:

 $PE_{COM_CO2,p}$ = Project emissions of CO_2 from combustion of fossil carbon contained in waste associated with incineration during the period p [tCO₂e/p]

EFF_{COM} = Combustion efficiency of incinerator [fraction]

= Conversion factor [tCO₂/tC]

i = The Nth year from the first incineration

 $p_start = The N^{th}$ year from the first incineration, which is the first year of the period p = The N^{th} year from the first incineration, which is the last year of the period p

W_i = Quantity of MSW fed into incinerator in the year *i* (wet basis) [t]

 P_i = Fraction of the waste type j [weight fraction]

DC = Dry matter content of MSW [%]

 FCC_i = Fraction of total carbon content in waste type j [tC/t]

 FFC_i = Fraction of fossil carbon in total carbon content of waste type j [weight fraction]

i = Type of waste

$$PE_{COM_{N2O,p}} = \sum_{i=p, start}^{p_{end}} W_i \times EF_{N2O} \times GWP_{N2O}$$

Where:

 $PE_{COM_N2O,p}$ = Project emissions of N₂O from combustion of waste associated with incineration during the period p [tCO₂e/p]

i = The Nth year from the first incineration

p_start = The Nth year from the first incineration, which is the first year of the period p = The Nth year from the first incineration, which is the last year of the period p

 W_i = Quantity of MSW fed into incinerator in the year i (wet basis) [t] EF_{N2O} = Emission factor for N₂O associated with incineration [tN₂O/t waste]

 GWP_{N2O} = Global Warming Potential of nitrous oxide [tCO₂e/tN₂O]

 $PE_{EC,p} = EC_p \times EF_{elec}$

Where:

 $PE_{EC,p}$ = Project emissions from electricity consumption by the project facility during the

period p [tCO₂e/p] = Quantity of electricity consumed by the project facility during the period p [MWh/p]

EF_{elec} = Emission factor for electricity generation [tCO₂e/MWh]

$$PE_{FC,p} = \sum_{fuel} (FC_{fuel,p} \times NCV_{fuel} \times EF_{CO2,fuel})$$

Where:

 $PE_{FC,p}$ = Project emissions from auxiliary fossil fuel consumption associated with incineration

during the period p [tCO₂e/p]

 $FC_{fuel,p}$ = Quantity of auxiliary fossil fuel consumed during the period p [kL or m³/p]

 NCV_{fuel} = Net calorific value of fuel [GJ/kL or m³] $EF_{CO2,fuel}$ = CO_2 emission factor of fuel [tCO₂/GJ]

fuel = Type of fuel

(iii) Calculation of emissions reductions

 $ER_p = RE_p - PE_p$

Where:

 ER_p = Emission reductions during the period p [tCO₂e/p] RE_p = Reference emissions during the period p [tCO₂e/p] PE_p = Project emissions during the period p [tCO₂e/p]

Details of the data and parameters fixed ex ante and to be monitored or calculated ex post, with the assumption used for calculating emission reductions in the section 7, are summarized in the Annex III.



Minutes of Stakeholders Consultations

Minutes of the Stakeholder meeting for development of the EIA for the Regional Waste Management Facility at Zone 3 in Thilafushi

Venue: Auditorium, Ministry of Environment Date: 20th September 2018

Time: 9:00

The stakeholders for the establishment of the Regional Waste Management Facility at Thilafushi was held at Ministry of Environment and Energy on 20th September 2018. The meeting was organized by Ministry of Environment for a request by Water Solutions Pvt Ltd as the EIA consultant for the project.

The meeting was initiated by an introduction of the project by a brief introduction to the project by the project management team at the Ministry of Environment. They highlighted that ADB is financing the project in association with International Partners. Then Consultant for the project provided a detail outline of the project and the EIA Consultant provided the details of the EIA work that has been carried out as part of the project.

Mr. Kasdarli Chakir, Engineer, KOCKS CONSULT GMBH, provided a very detail outline of the proposed regional waste management facility development project for Zone III at Thilfushi. The detail account of the project included the proposed harbour rehabilitation component of the project to improve the waste acceptance area at Thilfushi, existing dumpsite rehabilitation component and the main Waste to Energy Facility component that is referred as the Regional Waste Management Facility for Zone III at Thilhafushi.

Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided an outline of the work that had been carried out as part of the EIA for the project. He highlighted that Water Solutions is undertaking a "hot water dispersion modelling work" to study the impacts of the hot water that would be discharged into the marine environment from the waste to energy plant. A dispersion modelling was done to study the stack height and the impacts of emission from the stack on the surrounding areas of Thilafushi. A geophysical study was carry out to determine the thickness of the waste that has been buried out at the landfill at Thilafushi. The consultant outlined that groundwater and marine water would be studied to establish the baseline at the proposed project site.

Aima, Engineer from GMIZ informed, GMIZ has plans to construct a new road from the periphery (southern side) of the newly reclaimed area at Thilfushi. This is to facilitate the ease of transportation between the eastern and western side of the halves of the island as the existing road that has been build is not expected to meet traffic demand that is expected in the future and establishment of the industries at Thilhafushi. However, Aiman, noted that it is just an idea that they are exploring and it has not developed into an advance stage of planning.

In reply, Chakir mentioned that the boundary of the reclaimed land is not confirmed and therefore it is difficult to see if land could be allocated for a new road. Chakir also mentioned that the proposition for this new roads shall be cleared before the procurement or any further steps. Furthermore, Chakir mentioned that ADB suggests a buffer zone for better coastal management.



Mr. Zameel from PMU suggested to have a policy level meeting to make final decision about the new road.

Mr. Ahmed Afrah Ismail EPA raised the issue of ownership of the energy that would be produced from the WTE (Waste to Energy Facility) and other valuable by products.

Chakir replied that the ownership and responsibility of the products from WTE has not been decided. This includes energy from waste to energy, metals and bottom ash. Excess energy will be converted into hot water and discharge to the sea. A business model shall be made to determine a percentage profit for the operators.

EPA also asked if it would be feasible for the operators to run without selling the energy produced.

Chakir replied that WAMCO will establish a tariff system. Operators will charge a gate fee as well. Taxpayers will have to subsidize the burning of waste.

In reply to EPA's question regarding the air pollution control for the system, Chakir provided details of the project stating that it would be the contractor's responsibility and obligation. There will live monitoring and external controls to ensure that air pollution from the stack is within the acceptable range. EPA should also have access to this data and shall be able to run individual assessments. The facility owner is MEE and as EPA is under MEE, EPA has a right to monitor and conduct regular monitoring. Operator will have to maintain emissions under international standards and currently there are no local air quality standards.

Ms Shaahina Ali from Parley highlighted that the proposed regional waste management facility is based on incineration. Sorting and segregation is not in the part of the entire waste management system, especially as this has started from collection, transfer and incineration. EPA also mentioned that they plan to start segregation of waste, however it discourage the citizens to segregate even in 15 years if the government plans to incinerate all the waste. They suggested that government should encourage waste reduction and sorting, either from a centralized or a decentralized system.

WAMCO replied saying that a sorting facility cannot be accommodated in the Male' transfer station and there will be a civic amenity facility at Hulhumale' where people can bring in their sorted waste.

Concerns were raised if all waste materials will be bailed if the WTE is down, to which Chakir replied that there is bunker with a capacity of 6 days. There is also a second line of at WTE, so there will not be complete shutdown of the system. He also added that a third line is foreseen in 15 years as the waste generation is expected to increase to 700 tonnes per day.

Moosa Haneef from HPA mentioned that the healthcare waste is not pretreated and if the waste management system can incinerate this waste at the waste management facility. EPA also inquired whether the proposed facility could incinerate hazardous waste. It was noted from the consultant that waste to energy plant can manage small quantity of the waste. However batteries should not be incinerated. Chakir replied that the 5 small incinerators were specially designed for healthcare waste.

WAMCO – can incinerator take large aluminum? Yes, there will be magnets and sieving.



EPA questioned when the open burning will stop in Thliafushi, to which the project manager replied that it will be done after obtaining the required machinery such as excavators and bulldozers.

Parley for the Oceans asked if the Male' Waste Transfer facility is under this project to which Chakir replied that it is, and so is Villingili and Hulhumale' Transfer Station. Parley inquired whether the facility could incinerate used tires. The consultant noted that the tires are high calorific value item that can be incinerated.

EPA asked of the capacity of the incinerator was designed for and if the design foresees a decrease in waste generation. The concept of the project does not seem to focus on waste reduction but the opposite. Chakir mentioned that this was the best feasible option for management waste that is generated in Zone III. Waste generation of 400tonnes per day without CnD waste is expected for 2022. Waste is also expected to increase from the tourism industry and after the airport development project is completed. There needs to be policy level changes to incorporate and implement sorting and waste reduction, such has less packaging. The proposed method is a safe treatment that technical and realistic.

GMIZ question about the kind of traffic that is expected after the project. Chakir replied that not much increase is expected. For the island connections, 2 to 3 vessels are expected to increase. Sometimes resorts bring in waste from the islands.

EPA noted that incineration should be the last option to consider after sorting, composting and pyrolysis. WS and KOCKS suggested sorting with colored plastic bags but was not considered due to management issues. Germany has been doing this and they have 70% sorting after 30 years of awareness.

Currently there is no hazard waste management but there should be.

Attendance

Following officials attended the stakeholder meeting that was held at Ministry of Environment and Energy

Name	Title	Organization / Address	Contact
Mohamed Hamdhaan	Assistant Project Coordinator	Ministry of Environment and Energy	7681878
Ibrahim Zameel	Project Manager	Ministry of Environment and Energy	7794959
Aminath Maleeha Sollih	Procurement Specialist	Ministry of Environment and Energy	7931645
nafha.aujaz	Environment Analyst	Ministry of Housing and Infrastructure	3004110
Aishath Bariya	Engineer	Ministry of Housing and Infrastructure	3004110
Moosa Haneef	SDHPO	Health Protection Agency	7423180
Ismail Ubaidh	CS Manager	WAMCO	7931008
Ahmed Shafiu	BD & Marketing	WAMCO	7698899
Aminath Nazra	Project Officer	Save the Beach	7620044
Aminath Mohamed	Environment Analyst	Environment Protection Agency	7504494
Shaahina Ali	Executive Director	Parley for the Oceans	7771341
Ahmed Afrah Ismail	Engineer	Environment Protection Agency	9690600
Aiman	Engineer	Greater Male' Industrial Zone	7236734
Ahmed Jameel	Environment Consultant	Water Solution	7785379
Nashfa Nashidh	Junior Environmental Consultant	Water Solution	9533094
Kasdarli Chakir	Engineer	KOCKS CONSULT GMBH	+49 261 1302 112

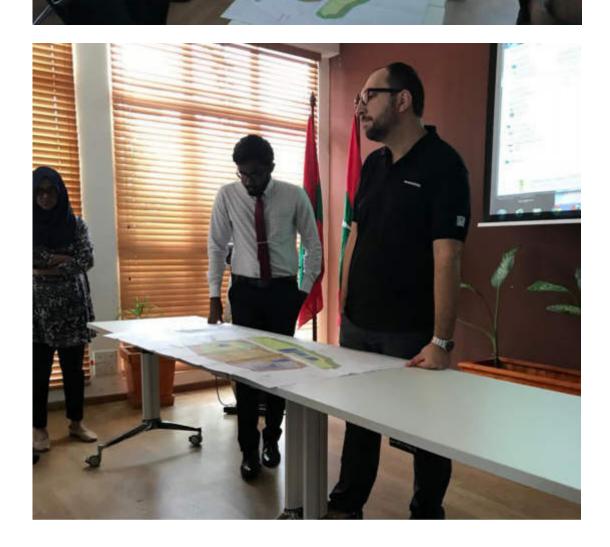
Photos from the Stakeholder Meeting





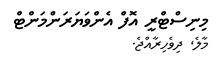








Male', Republic of Maldives.



Minutes of the Meeting

Meeting Title: GMEIWP ADB Mission Meetings- Stakeholder Consultation 1

Date:5th August 2019

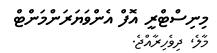
Location: Ministry of Environment

Participants:

- Ministry of Environment (ME)
 - Mohamed Asif- Social and Environmental Safeguard Specialist.
 - Hana Farook- Assistant Project Coordinator
- Asian Development Bank (ADB)
 - Luca Di Mario- Urban Development Specialist/Project technical Leader
 - Ninnete Pajarillagu- Environment Specialist
 - Emma Marsnene- Senior Environmental Specialist
 - Miguel Diangan Jr- Environment Safeguards Consultant
- Asian Ifrastructure Investment Bank (AIIB)
 - Irish Fe Aguilar- Social Development Specialist
- Water Solutions
 - Ahmed Jameel- Senior Consultant
 - Mohamed Umar- Junior Environmental Consultant.
- Others
 - Chathuranga- Environment & Sustainability Manager, Crossroads
 - Pradeep Kumar- Chief Engineer, Adaaran
 - Mohamed Faruhad, Assistant Chief Engineer, Vellasaru
 - Sidath Anuruddha Paskuwal Handi, Chief Engineer, Vellasaru
 - Mohamed Sinan, Environmental Officer, Ministry of Tourism



Male', Republic of Maldives.



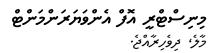
- Mariyam Nasheetha Nasheed- Director, Ministry of Gender, Family and Social Services
- Aminath Nizar- Prioject Director- Ministry of National Planning and Infrastructure.
- Ahmed Aiman Shareef- Project Coordinator, Greater Male' Industrial Zone
- Shamau Shareef- Deputy Mayor- Male' City Council
- Jerome Manuel- Area Chief Engineer- Centara Resort

Points presented:

- A series of stakeholder consultations would be held.
- An overview of the project through a video of the project was presented.
- It was noted that until the incinerator is operational, the waste collected would be bailed and kept.
- Participants were informed that emissions and impacts from the project would be within accepted levels
- Participants were informed numerous studies such as arithmetic surveys, marine surveys and dispersion modelling were conducted to ensure there were no impact on the environment.
- Participants were informed that the results from the marine survey indicated the sediment from the proposed site were more deteriorated than from the outside, but were within acceptable levels as per New Zealand standards
- It was noted that the ambient air quality was measured and that it showed that burning occurred during the weekdays.
- It was noted that a German model had been used for pollutant dispersion modelling and that it indicated that there was no impact from the 50m stake.
- Participants were informed that surveys were conducted for where the outfall for the cooling process would be and that it had indicated the coral colour was good in the southern part.
- It was informed that the water dispersion model was modelled at depths of 10m, 20m, 30m from the mean sea level for temperatures 5 degrees, 7.5 degrees and 10 degrees. It was noted temperatures greater than 10 degrees were not considered as per EPA's recommendation and that even at 10 degrees despite being indicated as red there was not much difference from the ambient depth.



Male', Republic of Maldives.



- A participant raised concern that a German model had been used and it was informed that this was a normal model.
- Participants inquired if the project had considered the increasing population, development projects and increased resorts expected in the zone. It was informed that the growth had been forecasted and taken into consideration during the feasibility studies.
- A participant inquired how the "oily waste" would be generated and it was informed that the primary focus of the project was addressing the solid waste issue in the country.
- A participant voiced that currently depending on the direction of wind many activities planned in the resort have to be cancelled due to the flies and smoke. It was inquired if smoke emissions from the WTE would be seen and how the issue of floating waste in the sea would be addressed, It was informed that there would be no smoke to be seen from the WTE plant and that all waste would be collected and transported by WAMCO in containerized vehicles in the sea thus there would be no spillage of waste.
- Participant inquired if during the transition period any measures would be taken to address the flies and it was informed that the waste collected would be covered.

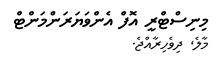
- A participant raised concerns that some resorts and individuals would still continue dump in the sea if they did not want to pay for the services of WAMCO.

- A participant inquired if there was any monitoring mechanism to assess the impact on the health of the people once the project is implemented. It was noted that this was something which could be considered.
- It was suggested to put an additional road in Thilfaushi to accommodate the increased traffic and future development projects. However, it was noted that the increased traffic would not be enough to justify a road.
- It was agreed to have a discussion with the City Council and Greater Male' Industrial Zone Pvt Ltd to discuss ongoing projects

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Male', Republic of Maldives.



Minutes of the Meeting

Meeting Title: GMEIWP ADB Mission Meetings- Stakeholder Consultation (Thilafushi)

Date:6th August 2019

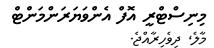
Location: Ministry of Environment

Participants:

- Ministry of Environment (ME)
 - Mohamed Asif- Social and Environmental Safeguard Specialist.
 - Hana Farook- Assistant Project Coordinator
- Asian Development Bank (ADB)
 - Luca Di Mario- Urban Development Specialist/Project technical Leader
 - Ninnete Pajarillagu- Environment Specialist
 - Emma Marsnene- Senior Environmental Specialist
 - Miguel Diangan Jr- Environment Safeguards Consultant
- Asian Ifrastructure Investment Bank (AIIB)
 - Irish Fe Aguilar- Social Development Specialist
- Water Solutions
 - Ahmed Jameel- Senior Consultant
 - Mohamed Umar- Junior Environmental Consultant.
- Others
 - Hisham- Assitant Manager, Asrafee
 - Hassan Zareer- General Manager, Maldives Ports Limited
 - Ahmed Ibrahim- Manager, MPL
 - Ali Nashid, GM, Target
 - Mohamed Akman- Admin, Agas Maldives



Male', Republic of Maldives.



- A participant raised concerns that there were many unutilised lots/sites in Thilafushi and that it had become a hub for many migrant workers. It was also noted that these placed had very poor living standards and that it needed to be looked into.
- A participant suggested to incorporate the cooling system inside the plant, as it could have an impact on the corals and reefs. It was noted that due to STELCO's cooling system in the sea, the corals and reefs were being affected. Member stressed the importance of ensuring the reef is not affected and suggested to keep the cooling system 30 meters deep and 30 meters away from the reef.
- A participant inquired how the waste would be segregated and sorted, and requested for more details. Participant stressed that lease waste, mercury, hazardous waste needs to be segregated and if not the bottom ash would contain harmful residuals.
- When inquired, participants mentioned that the current state of Thilafushi poses health risks to their employees such as irritation of eyes, ears and skin, and also difficulty in breathing and an overall decline in health which increased absenteeism, affecting the productivity.
- When inquired if anyone in Thilafushi fished in the area, it was highlighted that it was possible some migrant workers may do so.
- It was agreed to share the exact location of the business lots.

Minutes of the Public Hearing for the EIA for the Regional Waste Management Facility at Zone 3 in Thilafushi

Venue: Auditorium, Ministry of Environment, Male', Maldives Date: 4th September 2019 Time: 1400 hrs

1. Welcome

Mr. Ahmed Murthaza, Director General, Ministry of Environment thanked everyone for attending the public hearing held as part of the EIA carried out for the Regional Waste Management Facility to be established at Thilafushi for zone III in the Maldives. Mr. Murthaza noted that the meeting was organized by Ministry of Environment for a request by Water Solutions Pvt Ltd as the EIA consultant for the project. Public Hearing is part of the EIA work that is being carried out for the project in accordance with ADB Safeguard Policy and EIA Regulation implemented by EPA. Mr. Murthaza introduced the project team.

The main component of the Regional Waste Management Facility, includes, the waste to energy facility and the residual landfills at Thilafushi, which would be developed under a Design Build Operate (DBO) contract where the Design-Build period is expected to be 3 years. The Operation Service period is 15 years. The Design-Build of the facility will be funded by the Government of Maldives using the proceeds of a loan co-funded by the Asian Development Bank (ADB), the Asian Infrastructure Investment Bank (AIIB), and the Islamic Development Bank (ISDB). The Operation Service component of the DBO contract will be funded by the Ministry of Environment and Energy (ME).

2. Purpose of the Meeting

Mr. Ahmed Murthaza explained that the purpose of the meeting was to inform public about the Thilafushi Regional Waste Management Project as well as the EIA process that is currently underway. The public meeting were to inform public and other stakeholders of the identified key issues, to provide public and stakeholders the opportunity to raise additional issues or concerns that have not been identified in the EIA.

3. Presentation

Mr. Mohamed Asif, Social and Environmental Safeguards Specialist - Greater Male' Environment **Improvement** and Waste Management Project, Ministry Environment presented an overview of the project. He provided details of the Greater Male' Environment Improvement and Waste Management Project components including the waste to energy component which is the establishment of the waste to energy facility as part of the Regional Waste Management Facility at Thilafushi for Zone III. In his presentation he presented an overview of the ADB Safeguard Policy Statement (SPS) noted the components that is relevant to this project. He noted that EIA has been prepared in accordance with the requirements of ADB Safeguard Policy Statement, which categorized the Thilhafushi waste project as Category A, that required to undertake an EIA and the Terms of Reference (TOR) issued by the Environmental Protection Agency.

In his presentation, he presented the Grievance Redress Mechanism that had been developed for the project. He provided details of the mechanism outlining how the grievances could be addressed at First level, Second Level and Third Level where an individual or an interest group has the option of going to established judiciary system of the Maldives with their grievances.

Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided a detail presentation of the findings of the EIA that carried out for the Regional Waste Management Facility at Thilafushi for Zone III project. During the presentation, he provided details of the proposed Greater Male' Waste to Energy at Thilhafushi and provide a details of the context and rationale for the project. He explained the purpose of the EIA that had been carried out for the project and detail out the objectives of the EIA. The Terms of Reference issued for the project from EPA was presented and highlighted the key issues that was highlighted in the TOR. The EIA Consultant presented the approach the EIA team took undertake the EIA Study. The findings of the study was presented in very details including the existing environment of the study area focusing on the

physical environment providing the details of the topography of the site, marine water and sediment quality. Marine environment of study area was presented by covering the coral reef, marine water quality and sediment quality. The context of climate change and disaster risks were presented. The legislative and regulatory consideration which is important to the project was highlighted. The results of the air quality monitoring that was carried out for the baseline monitoring were presented.

After presenting the existing environment of the project site, significant environmental impacts were presented. These includes the environmental impacts during the construction stage and operation phase of the project. During the presentation, a very detail account of the hot water dispersion modelling work that was carried to study the impacts of hot water on the marine environment, air pollutant dispersion from the stack emission was presented.

One of the objectives of the EIA is to minimize or avoid environmental impacts from the project activities. The aspects that had been integrated into the design of the project was highlighted which are part of the impact mitigation measures identified in the EIA. Similarly the mitigation measures that was recommended to be undertaken during the construction and operation phase of the project were presented.

The alternatives to the project were also presented. Some of these were considered during the early stage of the project development.

As a last component of the presentation was the presentation of the Environmental Management Plan proposed for the project. This included the proposed environmental monitoring to monitor the impacts of the project during the construction and operation phase of the development. Additionally Health and Safety, Environmental Management Capacity and proposed Environmental Emergency Response Plan was presented.

4. Questions and Discussion.

It was asked if the residents of the area would benefit from this project.

Mr. Asif stated that the residents of Male', Villingili, Gulheefalhu and people working at Thilafushi would benefit directly from this project. The project would extinguish the smoke from Thilfushi dumpsite and waste to energy facility will help to manage, treat and dispose waste in a manner an acceptable way that will have no impact on the communities living around the facility. He explained that the project would also generate jobs for the entire region, not just the community.

A participant asked why a large Incinerator has been proposed to manage the waste. He asked why sorting and reuse of waste has been not proposed as the method to manage the waste that is generated from Greater Male' Region.

Consultant answered to the question by saying that 3R strategy has been considered while developing the Regional Waste Management Project for the Greater Male' region and Zone III. Waste to Energy facility was considered as a measure to reduce the volume of waste that would go final landfilling as bottom ash and fly ash. Presently allocated land for land filling can be used for 15 years without bottom ash recycling. If bottom ash can be reused, then the life the landfill would be extended. Due to this reason the other methods for final treatment of waste has not been feasible in the Maldives.

A participant raised the question that incinerator would be fueling by high calorific materials such as plastics and this would become a disincentive to minimize the use of single use plastic.

Though waste to energy is main component of the regional waste management system at Thilhafushi, the sorting of the waste could be carried out at source, at transfer station and at waste receiving area of Thilfushi. The waste management system developed for the Zone III does not discourage sorting, reduction of single use plastic and reuse of waste. These streams would improve in the future as a result of the public awareness and education programs that would be implemented as part of the project.

A participant raised the question that waste to energy plant will burn all type of waste. This will move the public away from sorting of the waste at source such as household and offices.

Consultant replied during the feasibility study stage of the project different methods and technologies for the management of waste was considered.

saying that a sorting facility cannot be accommodated in the Male' transfer station and there will be a civic amenity facility at Hulhumale' where people can bring in their sorted waste.

A participant raise the question that he wanted to know how much the tax payers will be paying to the DBO contractor to run the waste to energy plant at Thilafushi

Consultant replied that WAMCO or ME will establish a tariff system. Operator will charge a gate fee as well. Taxpayers will have to subsidize the management of waste. Mr. Murthaza clarified that the Ministry and the project team is in discussion to work out a tariff system that would not be a burden the public but it would generate enough revenue to keep the operations in a sustainable mode.

A participant raise the question that why Ministry of Energy is undertaking an energy project not a waste management project to address the current urgent waste issue at Thilafushi.

Mr. Murthaza answered to this question. He stated that the Ministry of Environment has no intention of implementing an energy project. The proposed project is a waste management project. Waste to Energy specialist working for this project have noted that the waste incinerator with or without the waste to energy system would have no impact on the efficiency of the incinerator. However with a waste to energy system, the plant can generate 8MW of electricity which can be used for Thilafushi and for the Greater Male' Region with the government vision of having a bridge which connects Male' to Thilafushi.

A participant raise the question that hazardous and medical waste cannot be treated at a waste to energy plant. So how this kind of waste generated in Male' can be managed or treated.

It was noted from the consultant that waste to energy plant can manage small quantity of the waste. However batteries should not be incinerated. Mr. Murthaza replied that the hazardous waste would be separated, stored in appropriate containers.

A participants raised the issue of ownership of the energy that would be produced from the Waste to Energy facility and other valuable by products.

Mr. Murthaza. replied that the ownership and responsibility of the products from Waste to Energy facility has not been decided. This includes energy from waste to energy, metals and bottom ash. Excess energy will be converted into hot water and discharge to the sea. One of the options that is being discussed to have a business model would be made to determine a percentage of profit from sale of such projects to the operator.

A participant enquired when the open burning will stop at Thliafushi.

Mr. Asif replied stating that one of the most priority of the project is to stop the burning and extinguish the smoke from Thilafushi. The project is trying to procure urgently needed equipment to better manage the existing dumpsite at Thilfushi. With this intervention, WAMCO will be able to cover the waste that is dumped to the waste mount on a daily basis which will

prevent the fire and smoke. The project is also recruiting an expert on managing the dumpsite who will train and oversee the operation of WAMCO at Thilafushi dumpsite.

A participant enquired about the capacity of the incinerator that had been designed for and if the design foresees a decrease in waste generation.

The consultant explained that during the feasibility stage a number of scenarios was considered. The proposed design has a number of mechanism to mitigate the risk either waste received is higher than the forecasted amount or lower than the forecasted value. Waste generation of 500 tonnes per day without CnD waste is expected for 2022. Waste is also expected to increase from the tourism industry and after the airport development project is completed. There needs to be policy level changes to incorporate and implement sorting and waste reduction, such has less packaging. These would help to lower the growth of amount of waste generation. This can delay the construction of the third line in the waste to energy facility.

A member of the community enquired whether they could see the final draft of the EIA and the studies that had been completed as part of the project. He also enquired whether he could submit comments to EIA when it released to the public.

The consultant explained that the draft final report will be made public at ADB and EPA website. ADB will make it public for commenting for 3 months as part of the ADB ADB Safeguard Policy Statement for Category A project. Hence the public is encouraged to submit comments and concern to the project. Mr. Asif also explained that through the Grievance Redress Mechanism for the project, the public can address their Grievances to the project during the project implementation stage. Any comments or concern raised would be considered by the project team.

5. Closure

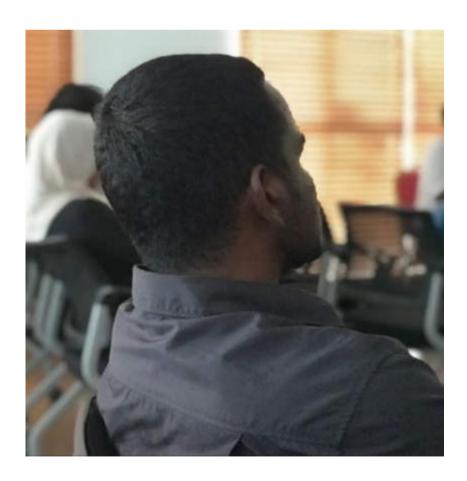
The meeting ended at 1530.

Photos from the Public Hearing Meeting







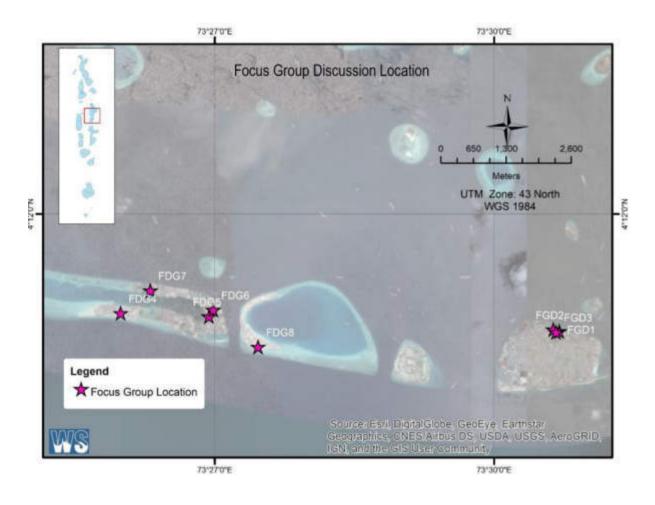


Minutes of the Focus Group Discussions EIA for the Regional Waste Management Facility at Zone 3 in Thilafushi

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1 Locations where Focus Group Discussion were held



Venue: Jumhoori Park, Male', Maldives

Date: 30th August 2019

Time: 1630 hrs

A focus group discussion was carried out with the expatriates living in Male'. The expatriate communities comes to the Jumhoori Park Public Square on Friday afternoon. The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist - Greater Male' Environment Improvement and Waste Management Project, Ministry of Environment. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

The FDG were women and all of them in the group have not been to Thilafushi. They are mostly domestic workers working at houses in Male'. However they have seen the smoke rising from Thilafushi from western side of Male'. Some of them said they have experience the bad smell coming from Thilafushi on some days.

Some of the members in the group said they have friends who have visited Thilafushi and they said the island has a very big waste dumpsite. Some days the waste site is on fire.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working at the island.

Closure

The meeting ended at 1700 hrs

Attendance - Focus Group Discussions 1

Following people were at FDG. Most of the people in the group were reluctant to give details of their contact.

Name	Gender	Country	Contact
Latha	Female	Work as a housemaid. Expatriate from India	-
Nirumalee	Female	Work as a housemaid. Expatriate from India	-
Dharushinee	Female	Work as a housemaid. Expatriate from India	-
Charanjee	Female	Work as a housemaid. Expatriate from India	-
Phrajeet	Female	Work as a housemaid. Expatriate from India	-
Anjali	Female	Work as a housemaid. Expatriate from India	-
Gittu	Female	Work as a housemaid. Expatriate from India	-
Paramjit	Female	Work as a housemaid. Expatriate from India	-
Baljeet	Female	Work as a housemaid. Expatriate from India	-
Mamta	Female	Work as a housemaid. Expatriate from India	-
Thn	Female	Work as a housemaid. Expatriate from India	_
Sarita	Female	Work as a housemaid. Expatriate from India	-





Venue: Jumhoori Park, Male', Maldives

Date: 30th August 2019

Time: 1710 hrs

A focus group discussion was carried out with the expatriates living in Male' at Jumhoori Park Public Square on Friday afternoon. The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist - Greater Male' Environment Improvement and Waste Management Project, Ministry of Environment. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

Everyone in the group knows about Thilafushi as they know it is place they can find work easily. Some of them have been Thilhafushi and knows about the smoke and its impact on the people on the island. Most of the people in the group were employed as construction workers working at construction sites in Male'.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working at the island.

Closure

The meeting ended at 1730 hrs

Attendance - Focus Group Discussions 2

Following people were at FDG. Most of the people in the group were reluctant to give details of their contact.

Name	Gender	Country	Contact
Akash	Male	Expatriate from Bangledhesh working as a construction laborer	-
Shahidul	Male	Expatriate from Bangledhesh working as a housemaid	-
Prito	Male	Expatriate from Bangledhesh working as a construction laborer	-
Manzoor	Male	Expatriate from Bangledhesh working as a house helper	-
Anawar	Male	Expatriate from Bangledhesh working as a construction laborer	-
Hossain	Male	Expatriate from Bangledhesh working as a house worker	1
Sarker	Male	Expatriate from Bangledhesh working as a construction laborer	-
Munes	Male	Expatriate from Bangledhesh working as a house helper	-
Wasif	Male	Expatriate from Bangledhesh working as a construction laborer	-
Reza	Male	Expatriate from Bangledhesh working as a construction laborer	-
Athiu	Male	Expatriate from Bangledhesh working as a paint worker	-
Sharee	Male	Expatriate from Bangledhesh working as a house helper	-





Venue: Jumhoori Park, Male', Maldives

Date: 30th August 2019

Time: 1740 hrs

A focus group discussion was carried out with the Maldivians living in Male' at Jumhoori Park Public Square on Friday afternoon. The group mainly had Maldivian women who were at the park. The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist - Greater Male' Environment Improvement and Waste Management Project, Ministry of Environment. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

Everyone in the group knows about Thilafushi. Some of the women were from islands who were visiting Male'. Everyone in the group knew Thilafushi is the island where waste is taken from Male'. They said the waste taken at Thilafushi is burnt as they have seen smoke rising from big mountain at Thilafushi. Some people in the group said some days, they can smell really bad from the smoke coming from Thilhafushi. The people in the group said the smoke at Thilhafushi need to be stopped. A group member asked when the fire will be stop at Thilafushi. She was told that one of the main priority of the project is to stop smoke risking and this is an urgent work that will be carried out. The group was informed that the implementation of the Greater Male' Waste to Energy Project will not have visible smoke emitting from the long stack that would be constructed at Thilhafushi.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working at the island.

As we were concluding the FGD, Vice President of Maldives came to the park with his son. He met the members of the FGD.

Closure

The meeting ended at 1800 hrs.

Attendance - Focus Group Discussions 3

Following people were at FDG. Most of the people in the group were reluctant to give details of their contact.

Name	Gender	Country	Contact
Nadheema	Female	Maldivian	_
Amira	Female	Maldivian	-
Shareef	Female	Maldivian	-
Fathimath	Female	Maldivian	-
Aishath	Female	Maldivian	-
Nihaani	Female	Maldivian	-









Venue: Thilhafushi, Maldives Date: 1st September 2019

Time: 1000 hrs

A focus group discussion was carried out with the people working at Thilhafushi, west of the proposed waste to energy project site. The group mainly had expatriate workers and Maldivian supervisor who were doing some construction work at Thilhafushi. The group members said that they have been working at Thilafushi over a year. All of the group members comes to work at Thilhafushi in the morning and leave to Male' in the afternoon. They take the public ferry to Thilhafushi.

The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

Everyone in the group knows about smoke issuing facing Thilafushi as they have to cross the site on a daily basis. The group member said, the situation of smoke depends on the wind direction. If they have to work downwind, the situation becomes very difficult. Some days, they have to stop work because the smoke makes it impossible for them to work. The group members said, urgently the smoke issue need to be addressed and better waste management need to implement at Thilhafushi. The group member said they have seen a number of development near the waste dumpsite. They pointed out new land had been reclaimed and new equipment had been installed to manage the waste.

A group member asked when the fire will be stop at Thilafushi. He was told that one of the main priority of the project is to stop smoke risking and this is an urgent work that will be carried out.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working at the island. They said they hope that the big stack at the new waste to energy plant will not have any visible smoke emitting from the long stack that would be constructed at Thilhafushi.

Closure

The meeting ended at 1030 hrs.

Following people were at FDG.

Name	Gender	Country	Contact
Abdul Mannan	Male	Maldivian	7967447
Al Ameen	Male	Expatriate from Bangledhesh working as a construction laborer	1
Santil	Male	Expatriate from Bangledhesh working as a construction laborer	1
Mumeen	Male	Expatriate from India working as a construction laborer	-
Algiri	Male	Expatriate from Bangledhesh working as a construction laborer	1
Balaau	Male	Expatriate from India working as a construction laborer	1
Amir	Male	Expatriate from Bangledhesh working as a construction laborer	1
Shahid	Male	Expatriate from Bangledhesh working as a construction laborer	-
Haleem	Male	Expatriate from Bangledhesh working as a construction laborer	-



Venue: Thilhafushi, Maldives Date: 1st September 2019

Time: 1100 hrs

A focus group discussion was carried out with the people working at Heavy Force Site 2 at Thilhafushi. The site is located north east of the proposed waste to energy project site. A total of 8 people participated in the discussion: 6 were Bangladeshi and two were Maldivian. All of the Bangladeshi participants are employed under "laborer" visas. However, their work ranged from cleaning the barge to driving vehicles. The two Maldivians worked in supervisory positions. All of the group members has been living at Thilafushi for more than one year.

All of the participants said they would be willing to continue to work in their current jobs even though the site is impact from the heavy smoke from the waste dump site. At night Thilhafushi is a very quiet place. A participant told that at night, they would some time hear explosion from the dumpsite as bottles and canister catches fire.

The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

The group member said, the situation of smoke depends on the wind direction. If they have to work downwind, the situation becomes very difficult. Some days, they have to stop work because the smoke makes it impossible for them to work. During the discussion, issues related when the smoke would be extinguish, when the project start and what will to the surrounding area after the completion of the project were covered.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working at the island.

Closure

The meeting ended at 1100 hrs.

Following people were at FDG.

Name	Gender	Country	Contact
Shahid Haleem	M	Maldivian, Supervisor, Heavy Force	7902107
Hussain Fayaz	M	Maldivian, Excavator Driver, Heavy Force	7920107
Haithim	M	Bangladesh, Labourer, Heavy Force	
Sumon MD	M	Bangladesh, Labourer, Heavy Force	
Shibu bai	M	Bangladesh, Labourer, Heavy Force	
MD Suhail	M	Bangladesh, Labourer, Heavy Force	
MD Turaab	M	Bangladesh, Labourer, Heavy Force	
MD Suraab	M	Bangladesh, Labourer, Heavy Force	



Venue: Waste Management Site at Thilhafushi, Maldives

Date: 1st September 2019

Time: 1230 hrs

A focus group discussion was carried out with the people working at Thilhafushi waste management site. The focus group discussion was held at WAMCO Office during their lunch time break hours. A total of 13 people participated in the discussion: 11 were Bangladeshi and two were Maldivian. All of the Bangladeshi participants are employed under work permit working at Thilafushi. Their work ranged from cook to excavator drivers. The two Maldivians worked in supervisory positions. Most of the group members has been living at Thilafushi for more than one year. The supervisors comes to Thilhafushi to work and return back to Male' in the afternoon. They take the public ferry to Thilhafushi.

The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

Everyone in the group are familiar with smoke issuing facing Thilafushi as they work at the waste management site on a daily basis. Most of the members of the group have bad experiences working in the smoking conditions. Some said, they get red eyes when they work and others said they get throat infection. Some say, they have to take sick leave on regular basis.

The members of the group said, the smoke from the dumpsite could be extinguish when they get additional heavy machineries to handle the waste and manage the dumpsite. The group felt that improving the waste management at Thilhafushi will improve the condition of people working at the island. All of the participants said they would be happy to continue to work at Thilhafushi when the dumpsite if properly managed. Some of the participants said they did not have any concerns of losing their job in the future, when the project is completed.

Closure

The meeting ended at 1300 hrs.

Following people were at FDG.

Name	Gender	Country	Contact
Hazim Ibrahim M		Maldivian, Assistant Manager, WAMCO	799146
Mohamed Asraf	M	Maldivian, Supervision, WAMCO	9908430
Mohamed Yoosuf	M	Bangladesh, Driver, WAMCO	
Sadir	M	Bangladesh, Driver, WAMCO	
Asadhul	M	Bangladesh, Driver, WAMCO	
Narayan	M	Bangladesh, Lorry Driver, WAMCO	
Oulal M		Bangladesh, Labor, WAMCO	
Halim	M	Bangladesh, Cook, WAMCO	
Habib	M	Bangladesh, Lorry Driver, WAMCO	
Sohel	M	Bangladesh, Lorry Driver, WAMCO	
Sadik	M	Bangladesh Lorry Driver, WAMCO	
Muneer	M	Bangladesh, Lorry Driver, WAMCO	
Faisal M		Bangladesh, Lorry Driver, WAMCO	





Venue: Thilhafushi, Maldives Date: 2st September 2019

Time: 0930 hrs

A focus group discussion was carried out with the people working at the MTCC Boat Yard at Thilhafushi, All participants were male and their age ranged from 30 years to 50 years. The site is located directly north of the waste dumpsite at Thilafushi. The group mainly had Maldivian working at the site. Most of the members of the group had been working at Thilafushi for a long time. Some of the members in the group works and live at the site at Thilafushi. There was a high rate of job satisfaction amongst the workers. Their key reasons include high salaries, regular pay and good benefits such as food and accommodation. The group members said around 100 people work at Thilafushi site. The work at the site requires them to work outdoors all the time. Hence it makes very difficult during south west monsoon as most of the days the site is covered by the smoke. The

Most of them, especially the supervisors believed that the equipment in the Waste Management Section need to be upgraded immediately. The constant smoke from open burning, particularly during southwest monsoon when their site is directly in the path of the smoke plume, causes discomfort. Some workers said that they have got used to it and thus they no longer are able to understand its effects.

The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project.

Everyone in the group knows about smoke issuing facing Thilafushi as they see it every day which is across the bay on other side of their site. The group member said, the situation of smoke depends on the wind direction. If they have to work downwind, the situation becomes very difficult. Some days, they have to stop work because the smoke makes it impossible for them to work. Even when they come indoors, the smoke will fill the rooms and the smoke will come through the air conditioning unit. The group members said, urgently the smoke issue need to be addressed and better waste management need to implement at Thilhafushi. The group were brief that one of the activity of the project is to stop the smoke coming from the exiting dump and it will happen early next year. The group members said that because of the smoke and current situation at Thilafushi, they are unable to attract good talents and experience professionals to work at the boat building yard at Thilhafushi.

A group member said he have seen a number of cases where the workers get stick and he believes it is due to the smoke. Improve the situation at Thilafushi waste site with the proposed project will have a very positive impact on industries at Thilafushi. They would be able to improve their services by attracting good and experience professional to work at their site.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working and living at the island. Everyone welcomes the project said they are hoping the implementation of the project would commence soon. They said they hope that the big stack at the new waste to energy plant will not have any visible smoke when it becomes operational.

Closure

The meeting ended at 1030 hrs.

Following people were at FGD

Name	Gender	Country	Contact
Moahmed Husham	M	Maldivian, General Manager, MTCC	7773653
Abdulla Abdu Shakoor	M	Maldivian, Manager, MTCC	791220
Mohamed Rasheed	M	Maldivian, Engineer, MTCC	7785716
Mohmed Fahty	M	Maldivian, Engineer, MTCC	7747379
Iqbal	M	Maldivian, Engineer r, MTCC	7708026
Sameeu	M	Maldivian, Engineer, MTCC	7914961
Ghina	M	Maldivian, Engineer, MTCC	
Inrhaim Mohamed	M	Maldivian, Accounts Officer, MTCC	7795575
Abdul Shafeeu	M	Maldivian, Welder Supervisor, MTCC	7795575
Abdul Hussam	M	Maldivian, Senior Engineer MTCC	78397615



Venue: Gulheefalhu, Maldives Date: 2st September 2019

Time: 1130 hrs

A focus group discussion was carried out with the people working and living at Gulheefalhu. Gulheefalhu is an island which is located east of Thilafushi. The group mainly Maldivian working at Greater Male' Industrial Zone Limited. The group members said that they have been working at Gulheefalhu over many years. There was one member of the group who had work at Thilfushi waste management site before he joined Greater Male' Industrial Zone Limited. He said working at Gulheefalhu is very comfortable than working at Thilhafushi due to the smoke and difficulties related to the smoke. The group members said, Gulheefalhu is impact during south west monsoon on some days when the wind takes smoke over the island from Thilafushi waste dump site. Some of the group members comes to work at Gulheefalhu in the morning and leave to Male' in the afternoon. They take the public ferry to Male' from Gulheefalhu. Others live in Gulheefalhu.

The participants of the FGD were presented the Greater Male' Environment Improvement and Waste Management Project by Mr. Mohamed Asif, Social and Environmental Safeguards Specialist. Mr. Ahmed Jameel, EIA Consultant at Water Solutions provided the findings of the EIA to the group members. Colour Maps printed on A3 was used as aid to show the present situation of Thilafushi, the proposed Greater Male' Waste to Energy Project and bird eye view of Thilafushi after the completion of the project. The group were briefed that when the Greater Male' Waste to Energy project is implemented and the facility is operational in 2022/2023 there will be no emission from the stack of the incinerator.

Everyone in the group knows about smoke issuing facing Thilafushi. The group members said, urgently the smoke issue need to be addressed and better waste management need to implement at Thilhafushi. The group member said they have seen a number of development near the waste dumpsite but the small incinerators that were installed at the site was a waste of money as it is not been used. The group was informed that those incinerators would be moved to other islands as these were installed temporarily.

A member of the group asked whether it is safe to fish from the Gulheefalhu house reef. The EIA consultant explained no government agency, including Health Protection Agency, Environmental Protection Agency or Marine Research Center has issued any notice restriction of fishing at the Gulheefalhu or Thilhafushi House reef. It has been general practice that no fishing would be carried out from the reef nest to the waste dumpsite. Hence it would not advisable to fish from such reefs. The test carried out by the EIA team has not seen an increase of heavy metals in sediments and marine water that was sampled for the study.

The group felt that improving the waste management at Thilhafushi will improve the condition of people working at Gulheefalhu. Gulheefalhu is a nice place to work, but the work condition gets deteriorated on some days because of the smoke from Thilafushi.

Closure

The meeting ended at 1200 hrs.

Following people were at FGD.

Name Gender		Country / Office	Contact
Ahmed Faisal	M	Maldivian, Greater Male' Industrial Zone	9930909
Mohamed Ziyaad M		Maldivian, Greater Male' Industrial Zone	7912228
Mohamed Adil M		Maldivian, Greater Male' Industrial Zone	7741234
Sheer Ahmed	M	Maldivian, Greater Male' Industrial Zone	9558184
Ahmed Ihrish	M	Maldivian, Greater Male' Industrial Zone	9724819
Ibrahim Razee	M	Maldivian, Greater Male' Industrial Zone	7743049
Hassan Saeed	M	Maldivian, Greater Male' Industrial Zone	7753347

