WESTERN AUSTRALIA – MID WEST – INFRASTRUCTURE

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| **INFRASTRUCTURE** | **DESCRIPTION** |
| *REGIONAL OVERVIEW* | * MID WEST OCCUPIES A LARGE (468,712KM2) DIAGONAL SLICE THROUGH THE MIDDLE OF WESTERN AUSTRALIA * COMPRISES 17 LOCAL GOVERNMENT AUTHORITIES AND 3 SUB-REGIONS (BATAVIA, NORTH MIDLANDS AND MURCHISON) * BATAVIA – CITY OF GREATER GERALDTON, CHAPMAN VALLEY, NORTHAMPTON & IRWIN * NORTH MIDLANDS – MORAWA, PERENJORI, THREE SPRINGS, MINGENEW, CARNAMAH & COOROW * MURCHISON – MEEKATHARRA, MT MAGNET, SANDSTONE, WILUNA, YALGOO, MURCHISON & CUE * SIGNIFICANT INDUSTRIAL & LOGISTICS HUB SERVICING & LINKING INTO THE NATIONAL & INTERNATIONAL NETWORK * $6B MID WEST GROSS REGIONAL PRODUCT (13-14) * CONTACT THE MID WEST DEVELOPMENT COMMISSION FOR FURTHER INFORMATION [MWDC – 08 9921 0702] |
| *POWER* | * GRID CONNECTED (SOUTH WEST INTERCONNECTED SYSTEM) VIA 132KV TRANSMISSION LINES * RECENTLY UPGRADED TRANSMISSION INFRASTRUCTURE FROM PERTH TO THREE SPRINGS TO 330KV DOUBLE CIRCUIT (STAGE 1) AND PLANNING TO UPGRADE THE SECTION FROM THREE SPRINGS TO GERALDTON (STAGE 2) * BLOCK LOAD SUPPLY REQUIREMENTS FOR GREENFIELD INDUSTRIAL PROJECTS REQUIRE NEGOTIATION WITH INFRASTRUCTURE OWNERS [WESTERN POWER – GOVERNMENT CORPORATION – 13 10 87] * OFF GRID AREAS OF THE REGION ARE SUPPLIED BY HORIZON POWER USING NATURAL GAS, LNG, DIESEL, WIND-DIESEL HYBRID SYSTEMS AND SOLAR-DIESEL HYBRID SYSTEMS – [HORIZON – CNR ILES RD & ROBINSON ST, CARNARVON WA 6701, 08 9941 6299] * MID WEST IS SERVICED BY THE DAMPIER-BUNBURY NATURAL GAS PIPELINE (892 TJ/D CAPACITY) [DBP MANAGER COMMERCIAL OPERATIONS – 08 9223 4300 OR [dbp.notices@dbp.net.au](mailto:dbp.notices@dbp.net.au)], THE GOLDFIELDS GAS TRANSMISSION PIPELINE (150 TJ/D), THE MID WEST PIPELINE (20 TJ/D) & THE PARMELIA ENERGY PIPELINE (70 TJ/D) * MID WEST REGION HIGHLY PROSPECTIVE FOR RENEWABLE ENERGY GENERATION INCLUDING WIND, SOLAR POWER, WAVE, GEOTHERMAL & BIOMASS * - MAJOR WIND FARMS ALREADY OPERATIONAL WITH A THIRD PROCEEDING TO DEVELOPMENT * - GREENOUGH RIVER SOLAR FARM OPERATIONAL * - EARLY INDICATIONS THAT MID WEST MAY HAVE SUFFICIENT RAINFALL TO MAKE STRAW A COST EFFECTIVE FUEL * - BIOFUEL PRODUCED FROM BETA CAROTENE IS A POTENTIAL SOURCE OF RENEWABLE ENERGY IN THE REGION * - 30MW OF BASE LOAD GAS FIRED POWER PLANNED FOR THE GREATER GERALDTON AREA |
| *CLIMATE* | * GERALDTON HAS A MEDITERRANEAN CLIMATE WITH MILD, WET WINTERS & HOT, DRY SUMMERS * - ONE OF THE SUNNIEST LOCATIONS IN AUSTRALIA WITH AN ANNUAL MEAN OF 8-9 HOURS OF SUNSHINE PER DAY WITH OVER 11 HOURS OF SUNSHINE PER DAY ON AVERAGE IN JANUARY AND 5-6 HOURS PER DAY IN JUNE-JULY * - GERALDTON HAS AN ALTITUDE OF 4M (13FT) WITH AN AVERAGE TEMPERATURE OF 19.8 DEGREES CELCIUS (68 DEGREES FARENHEIT) * - RANGE OF AVERAGE MONTHLY TEMPERATURES IS 9 DEGREES CELCIUS * - WARMEST AVERAGE MAX/HIGH TEMPERATURE IS 30 DEGREES CELCIUS (86 DEGREES FARENHEIT) * - COOLEST AVERAGE MIN/LOW TEMPERATURE IS 11 DEGREES CELCIUS (52 DEGREES FARENHEIT) * -MEAN ANNUAL RAINFALL OF 450MM PER YEAR WITH AN AVERAGE OF 38MM PER MONTH. APPROXIMATELY 70% FALLS BETWEEN MAY AND AUGUST * - MEAN RELATIVE HUMIDITY FOR AN AVERAGE YEAR IS 53.2% & ON A MONTHLY BASIS IT RANGES FROM 49% IN JANUARY TO 58% IN JULY * -MEAN ANNUAL EVAPORATION AT GERALDTON IS APPROXIMATELY 2,445MM * -WIND GUSTS OF 90KM/HR+ OCCUR ONCE EVERY 6-8 YEARS * -NOT PRONE TO MAJOR FLOODING * DONGARA & BUILT UP AREAS NEAR THE GREENOUGH RIVER MAY EXPERIENCE LOCALISED FLASH FLOODING |
| *WATER* | * MID WEST WATER SUPPLY IS DRAWN FROM GROUND WATER RESOURCES WITH WATER CORPORATION OPERATING WATER SCHEMES AT GERALDTON, KALBARRI, NORTHAMPTON, HORROCKS, NABAWA, YUNA, MULLEWA, YALGOO, MT MAGNET, CUE, MEEKATHARRA, WILUNA, SANDSTONE, MINGENEW, MORAWA, PERENJORI, CARNAMAH, COOROW, THREE SPRINGS, ENEABBA, LEEMAN, DONGARA/DENISON & GREEN HEAD * FOR ACCESS TO WATER CORPORATION INFRASTRUCTURE – WATER CORPORATION – 13 13 95 * FOR ACCESS TO WATER WITH OWN BORE – DEPARTMENT OF WATER – GERALDTON REGIONAL OFFICE – 94 SANFORD ST GERALDTON WA, 08 9965 7400, [midwest@water.wa.gov.au](mailto:midwest@water.wa.gov.au) |
| *WORKFORCE* | * GERALDTON, THE REGION’S MAJOR COMMERCIAL, ADMINISTRATIVE AND SERVICE CENTRE HAS A POPULATION OF 40, 500 PEOPLE * MID WEST CURRENT POPULATION OF APPROXIMATELY 57,900 * MID WEST LABOUR FORCE TOTALLED 42,208 PEOPLE OF WHICH 24,976 WERE EMPLOYED (11/12) * MOST OF THE MID WEST POPULATION EMPLOYED IN THE FOLLOWING AREAS: CONSTRUCTION, RETAIL TRADE, HEALTH CARE, AGRICULTURE, FORESTRY, FISHING, EDUCATION AND TRAINING. * MID WEST MEAN TAXABLE INCOME OF $67 352 (11/12) |
| *SOCIAL INFRASTRUCTURE* | * GERALDTON HAS ALL THE MAJOR SERVICES INCLUDING EDUCATIONAL, HEALTH, HOSPITALITY, CULTURAL (WINERIES, RESTAURANTS, CAFES, CINEMA, THEATRE, NIGHTCLUBS & WINE BAR), SHOPPING & SPORTING FACILITIES (BOATING, YACHTING, FISHING, SURFING, WINDSURFING, KITESURFING, SAILING, WALKING, CYCLING, RUNNING, SAFE BEACHES, DIVING, GOLF, SWIMMING POOLS, TENNIS, GYMNASIUMS) * - RELAXED COASTAL LIFESTYLE LOCATED 424KM NORTH OF PERTH * - NEIGHBOURHOOD & COMMUNITY PARKS WITH PLAYGROUNDS & PICNIC AREAS TO CATER FOR FAMILIES * - SAFE, SECURE & FRIENDLY ENVIRONMENT * - GERALDTON UNIVERSITIES CENTRE (UNIVERSITY OF WESTERN AUSTRALIA, CURTIN UNIVERSITY OF TECHNOLOGY, EDITH COWAN UNIVERSITY) * - CHILDCARE & AFTER SCHOOL CARE * - PUBLIC & PRIVATE SCHOOLS CATERING FOR KINDERGARTEN TO YEAR 12 * - DURACK INSTITUTE (VOCATION & TRAINING) * - HEALTH PROFESSIONALS, DOCTORS, SPECIALISTS & FACILITIES (INCLUDING PUBLIC & PRIVATE HEALTH CARE OPTIONS) * - ART GALLERIES & PERFORMANCE COMPANIES * - COMMUNITY HEALTH, COUNSELLING, MENTAL HEALTH, DISABLITY & AGED CARE FACILITIES * - GERALDTON SERVICED BY 8 BUS ROUTES OPERATED BY GERALDTON BUS SERVICES THROUGH THE PUBLIC TRANSPORT AUTHORITY * MID WEST HAS 2 SENIOR HIGH SCHOOLS, 8 DISTRICT HIGH SCHOOLS, 3 REMOTE COMMUNITY SCHOOLS, AN AGRICULTURAL COLLEGE AT MORAWA, AN EDUCATION SUPPORT CENTRE AND 22 PRIMARY SCHOOLS * TRANSWA OPERATES A COACH SERVICE THAT CONNECTS PERTH TO GERALDTON & MEEKATHARRA |
| *PORTS* | * GERALDTON PORT * - ACCOMMODATES PANAMAX (70,000 DEAD WEIGHT TONNAGE) VESSELS * - AUSTRALIA’S 2ND LARGEST GRAIN EXPORT TERMINAL * - CAPACITY TO HANDLE 30MTPA * - 7 LAND BACKED BERTHS * - ADMINISTERED BY MID WEST PORTS – COMMERCIAL MANAGER – 08 9964 0587 * OAKAJEE PORT * - PART OF THE PROPOSED MULTI BILLION DOLLAR MID WEST DEVELOPMENT PROJECT (INTEGRATED DEEPWATER PORT, 550KM HEAVY HAULAGE RAIL & INDUSTRIAL ESTATE) * - DESIGNED TO ACCOMMODATE CAPE CLASS VESSELS (UP TO 180,000 DEAD WEIGHT TONNES) * - DEPARTMENT OF STATE DEVELOPMENT IS THE LEAD AGENCY FOR THIS PROJECT [DEPT STATE DEVELOPMENT – 08 9222 0555] |
| *AIRPORTS* | * GERALDTON AIRPORT HAS UNDERGONE RECENT UPGRADES & IS CAPABLE OF ACCOMMODATING A320 CLASS JET PASSENGER AIRCRAFT WITH REGULAR SERVICES TO PERTH AND THE REST OF THE STATE * AIR SERVICES DIRECT FROM GERALDTON TO BALI * PLANNING FURTHER UPGRADES TO HANDLE NEW B787 AIRCRAFT WITH NEW AIRSTRIP IN THE NEAR TERM AND A TERMINAL EXPANSTION TO ACCOMMODATE A FULL INTERNATIONAL LOUNGE WITH ASSOCIATED INTERNATIONAL GATEWAY SUPPORT SERVICES * NEED FOR DIRECT PASSENGER & AIR FREIGHT SERVICES TO THE INDIAN SUB-CONTINENT & ASIA HAS BEEN RECOGNISED * MEEKATHARRA & MT MAGNET HAVE REGIONAL AIRPORTS THAT CAN ACCOMMODATE REGULAR FLIGHTS TO & FROM PERTH * OTHER AIRPORTS IN THE MID WEST INCLUDE DONGARA, KALBARRI, MORAWA, PERENJORI, MURCHISON, YALGOO, CUE & WILUNA * [AIRPORT ADMINISTRATION – GERALDTON-MT MAGNET RD, MOONYOONOOKA WA 6532, 08 9923 3207, [admin@geraldtonairport.com](mailto:admin@geraldtonairport.com)] |
| *LAND* | * OF THE TOTAL MID WEST RESIDENTIAL ZONED LAND, 33% HAS BEEN DEVELOPED & 13% OF INDUSTRIAL ZONED LAND HAS BEEN DEVELOPED * MID WEST CONTAINS ALMOST 4,900HA OF INDUSTRIAL ZONED LAND & 6200HA+ OF RESIDENTIAL ZONED LAND * MORE THAN HALF THE RESIDENTIAL ZONED LAND IS LOCATED IN THE CITY OF GREATER GERALDTON * CUE, MORAWA, NORTHAMPTON & IRWIN ALSO HAVE LARGE AREAS OF ZONED LAND * AIRPORT TECHNOLOGY PARK * - 12KM EAST OF GERALDTON * - 67HA OF LAND * - CLOSE PROXIMITY TO THE NARNGULU INDUSTRIAL ESTATE & THE NARNGULU WASTE WATER TREATMENT FACILITY * - DIRECT ACCESS TO MAJOR TRANSPORT ROUTES & THE GERALDTON PORT * - [CITY OF GREATER GERALDTON, 63 CATHEDRAL AVE GERALDTON WA 6530, 08 9956 6600, [council@cgg.wa.gov.au](mailto:council@cgg.wa.gov.au)] * OAKAJEE INDUSTRIAL ESTATE * - 6400HA (2333HA OF INDUSTRIAL LAND WITH A 4072HA BUFFER) – LARGEST IN THE STATE * - LOCATED APPROXIMATELY 23KM NORTH OF THE GERALDTON CBD * - ACCESS TO LOCAL, NATIONAL & INTERNATIONAL TRANSPORT LINKS BY ROAD, RAIL & SEA * - ADJACENT DEEPWATER PORT PROPOSED THAT WOULD ACCOMMODATE CAPE SIZE & PANAMAX VESSELS * -ADJACENT TO THE NORTH WEST COASTAL HIGHWAY * - PROPOSED CONNECTION TO THE NARNGULU INDUSTRIAL ESTATE VIA THE OAKAJEE NARNGULU INFRASTRUCTURE CORRIDOR * -ADJACENT TO THE DAMPIER-BUNBURY GAS PIPELINE (A PIPELINE SPUR COULD DELIVER 150TJ/DAY+ OF NATURAL GAS) * -ADJACENT TO THE DN375 NORTHAMPTON WATER TRANSFER MAIN (CURRENT CAPACITY OF 20KL/DAY BUT CAN BE UPGRADED) * -CAN ACCOMMODATE A RANGE OF STRATEGIC, GENERAL, HAZARDOUS OR SUPPORT INDUSTRIES * - [LANDCORP – 08 9482 7499] * NARNGULU INDUSTRIAL ESTATE * - LOCATED 5KM SOUTH EAST OF GERALDTON * - CAN ACCOMMODATE STRATEGIC & GENERAL INDUSTRIES REQUIRING LARGE LAND AREAS * - ACCESS TO MAJOR ROAD TRANSPORT ROUTES, AIRPORT AND THE GERALDTON PORT. DIRECT ACCESS TO THE GERALDTON PORT VIA THE SOUTHERN TRANSPORT CORRIDOR & PROPOSED ACCESS TO THE PORT AND INDUSTRIAL ESTATE AT OAKAJEE VIA THE 34KM OAKAJEE NARNGULU INFRASTRUCTURE CORRIDOR * - EXISTING NARNGULU WASTE WATER TREATMENT FACILITY * - CAN ACCOMMODATE AVIATION SUPPORT; LOGISTICS, TRANSPORT & DISTRIBUTION; COMMERCIAL & PASSENGER SUPPORT ACTIVITIES; OFFICE/WAREHOUSE; MINING SUPPORT & ADMINISTRATION; SHOWROOM/WAREHOUSE; VEHICLE, TRUCK & EQUIPMENT SALES, SERVICING & HIRE; & OTHER LIGHT INDUSTRIAL USES * - [LANDCORP – 08 9482 7499] * WEBBERTON INDUSTRIAL ESTATE * -CENTRALLY LOCATED 5KM NORTH OF GERALDTON * -CAN ACCOMMODATE A RANGE OF LIGHT & SERVICE INDUSTRIES * - LOTS RANGE FROM 2,000 TO 2,600M2 * - LOTS INCLUDE 3 PHASE POWER, WATER, SEWERAGE, NATURAL GAS AND ROAD FRONTAGE * - [REALE PROPERTY GROUP – 0418 929 510, [reale@wn.com.au](mailto:reale@wn.com.au)] * GREENHEAD INDUSTRIAL * - FULLY SERVICED LOTS * - UNDERGROUND POWER & WATER * - RANGE OF LOT SIZES * - LIGHT INDUSTRIAL AVAILABLE * -[JURIEN BAYVIEW REALTY, 08 9652 2055, 0419 969 244] * KALBARRI LIGHT INDUSTRIAL * - LOTS EAST OF TOWN FROM 2,023M2 – 2,408M2 * - LIGHT INDUSTRIAL LOTS IN STAGE 1 NOW AVAILABLE * - [RAY WHITE KALBARRI, 08 9937 1711, 0427 371 161] * MEEKATHARRA * - INDUSTRIAL LOTS FOR SALE * - [LANDCORP – 08 9482 7499][http://cgg.wa.gov.au](http://cgg.wa.gov.au/) |
| *RAIL* | * RECENT $500M UPGRADE TO SOUTHERN RAIL INFRASTRUCTURE THAT CONNECTS SOUTHERN HINTERLAND MINERS TO EXPORTING FACILITIES IN GERALDTON – BROOKFIELD RAIL – [510 EDWARD RD, NARNGULU WA 6530, 08 9964 0332] * RECENT $250M INVESTMENT IN A MAJOR NEW RAIL MARSHALLING & LOGISITICS YARD, WORKSHOPS & LOCOMOTIVES – AURIZON – [PHONE WITHIN AUSTRALIA – 13 23 32, INTERNATIONAL – 07 3235 5555] |
| *ROADS* | * MID WEST IS WELL SERVICED BY A NETWORK OF MAJOR SEALED ROADS THAT PROVIDE CRITICAL LINKAGES WITHIN & BEYOND THE REGION * NORTH WEST COASTAL HIGHWAY IS A MAJOR FREIGHT ROUTE CONNECTING PERTH TO MAJOR REGIONAL CENTRES NORTH OF PERTH AND PRINCIPAL ACCESS TO COASTAL DESTINATIONS NORTH OF GERALDTON * [MAIN ROADS WA – 138 138] |
| *WASTE MANAGEMENT* | * REGIONAL WASTE DISPOSAL/RECOVERY/RECYCLING FACILITY LOCATED NEAR GERALDTON * - [CITY OF GREATER GERALDTON, 63 CATHEDRAL AVE GERALDTON WA 6530, 08 9956 6600, [council@cgg.wa.gov.au](mailto:council@cgg.wa.gov.au)] |
| *COMMUNICATIONS* | * TELSTRA IS THE MAJOR TELECOMMUNICATIONS PROVIDER IN THE MID WEST – TELSTRA – 1300 835 787 * HIGH SPEED BROAD BAND (FIBRE, FIXED WIRELESS & SATELLITE) WITH DOWNLOAD SPEEDS OF UP TO 100MBPS |
| *INDUSTRIES* | * TOURISM – THE MID WEST ENCOMPASSES THE TOURISM AREA KNOWN AS THE CORAL COAST OF WESTERN AUSTRALIA * - NATURE BASED, MARINE & CULTURAL TOURISM ACTIVITIES * - ABROLHOS ISLANDS 55KM OFF THE COAST OF GERALDTON, BATAVIA COAST, KALBARRI & MURCHISON RIVER GORGES, EXTENSIVE NETWORK OF NATIONAL PARKS & RESERVES, WORLD CLASS WILDFLOWERS & THE WILDFLOWER HIGHWAY * - HMAS SYDNEY MEMORIAL, MURCHISON OUTBACK PATHWAY, CENTRAL GREENOUGH HISTORIC SETTLEMENT, MONSIGNOR HAWES DRIVE TRAIL, * MINING – IRON ORE, NICKEL, GOLD, OIL & GAS, MINERAL SANDS, COPPER, ZINC, TALC, CHROMITE, COBALT, SILVER, LIME SANDS, GARNET & LEAD WITH URANIUM PROCEEDING TO DEVELOPMENT * FORESTRY & AGRICULTURE – BROADACRE CROPS SUCH AS BARLEY, WHEAT, OATS, LUPINS & CANOLA; LIVESTOCK INCLUDING CATTLE, SHEEP, PIGS & GOATS; HORTICULTURE INCLUDING WILDFLOWERS; COMMERCIAL HARVESTING & PRODUCTION OF TEA TREE OIL FOR THERAPEUTIC GOODS; ACCESS TO RAW CANOLA SEED; EGGS & WOOL * FISHING & AQUACULTURE – PEARLS, ROCK LOBSTER, PRAWNS, SCALLOPS, ABALONE, BRINE SHRIMP & FINFISH INCLUDING BARRAMUNDI, SILVER PERCH, PILCHARD, DHUFISH, SNAPPER, SHARK &YELLOWTAIL KINGFISH * RETAIL * CONSTRUCTION * MANUFACTURING – MANUFACTURE & MAINTENANCE OF MINING EQUIPMENT; INTERNATIONALLY RENOWNED BOAT BUILDING; PRIMARY METAL, FABRICATED METAL & OTHER METAL PRODUCTS; FOOD, BEVERAGE & TOBACCO PRODUCTS; TRANSPORT EQUIPMENT; MACHINERY & EQUIPMENT; FURNITURE; NON METALLIC MINERAL PRODUCTS; TEXTILE, LEATHER, CLOTHING & FOOTWEAR; PRINTING & REPRODUCTION OF RECORDED MEDIA; PETROLEUM & COAL PRODUCT & BASIC CHEMICAL & CHEMIICAL PRODUCT; WOOD, PULP, PAPER & CONVERTED PAPER PRODUCT; AND POLYMER & RUBBER PRODUCT * SMALL BUSINESS, GOVERNMENT AGENCIES & A COMPREHENSIVE RANGE OF TERTIARY INDUSTRIES |