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# Environmental Impact Assessment

Singapore adopts a systematic framework to determine and mitigate the potential impact of any new development on the environment. In general, development projects are required to undergo a thorough evaluation process that addresses the development’s potential impact on traffic, public health, heritage, and the environment.

In addition, development projects close to sensitive nature areas are subject to greater scrutiny and may be required to carry out more detailed environmental studies. The findings of all environmental studies are carefully considered in the planning evaluation process in order to determine the extent of potential impact and the adequacy of proposed mitigation measures, before a project is allowed to proceed.



***Environmental considerations are an important part of the planning evaluation process.***

Planning approvals are granted to development proposals only when they have met the requirements imposed by regulatory agencies. For example, development proposals are expected to meet existing regulatory standards such as the National Environment Agency’s Environmental Protection & Management Act and Environmental Public Health Act, the Public Utilities Board’s Sewerage and Drainage Act in relation to noise, water, air pollution, and the National Parks Board's Wildlife Act for wildlife-related measures.

***Beyond this, proposed development projects near sensitive areas, such as Nature Reserves, Nature Areas, marine and coastal areas, other areas of significant biodiversity or with potential trans-boundary impact, are subject to greater scrutiny.***

For such projects, technical agencies (such as the National Parks Board, National Environment Agency, Maritime and Port Authority of Singapore, and Singapore Food Agency) are consulted more extensively to determine if a more thorough environmental study is required. Developers may wish to factor in additional time and resources for such projects.

***Environmental study findings are carefully considered by the technical agencies in consultation with community stakeholders, including the extent of potential impact and the adequacy of the proposed mitigation measures. These reports are publicly available online, unless there are specific reasons to maintain confidentiality like security considerations.***

Views and feedback from nature and community stakeholders will be sought on the findings. The Ministry of National Development/Urban Redevelopment Authority will assess the development project against its potential impact, before granting planning approval for the project to proceed. The developer is required to ensure mitigation measures and monitoring plans are in place to minimise any environmental impact before the commencement of any works.

# Environmental Study Reports

Development Agency/Developer	Environmental Study Report	Publica Date
Building Construction Authority	<u>Road Widening and Sewer Works at Lorong Lada Hitam</u>	11 Aug 2023
Keppel Sakra Cogen Pte Ltd	<u>Advanced Gas Turbine Cogeneration Combined Cycle Plant on Jurong Island</u>	8 Aug 2023
Immigration & Checkpoints Authority	<u>Construction of Woodlands Checkpoint Extension to Old Woodlands Checkpoint and Old Woodlands Town Centre</u>  The report is available for public viewing by appointment at CPG Consultants Pte Ltd (Address: 1 Gateway Drive, Westgate Tower, Level 25, Singapore 608531). The public feedback period will be from 3 Aug 2023 to 30 Aug 2023. If you would like to view the report, please contact Ms Tabitha Isaac Benjamin at <a href="mailto:Tabitha_Isaac_Benjamin@ica.gov.sg">Tabitha_Isaac_Benjamin@ica.gov.sg</a> and Ms Yap Hui Pei at <a href="mailto:Yap_Hui_Pei@ica.gov.sg">Yap_Hui_Pei@ica.gov.sg</a> .	3 Aug 2023
Land Transport Authority	<u>Road Improvement Works along Loyang Avenue, Telok Paku Road, Nicoll Drive and Changi Coast Road</u>  The report is available for public viewing by appointment at LTA's office (Address: 1 Hampshire Road, Singapore 219428). The public feedback period will be from 26 July 2023 to 23 Aug 2023. If you would like to view the report, please contact Ms Lim Bee Keow at 63962190 or via email at <a href="mailto:lim_bee_keow@lta.gov.sg">lim_bee_keow@lta.gov.sg</a> .	26 July 2023
IMDA/Singtel	<u>Southeast Asia - Japan 2 Cable System (SJC2)</u>  The public feedback period has closed. If you would like to view the report, please contact Mr Ong Wei Tiong and Mr Sean Lum via email at <a href="mailto:weitiong.ong@singtel.com">weitiong.ong@singtel.com</a> / <a href="mailto:seanlum@singtel.com">seanlum@singtel.com</a> .	19 June 2023
Land Transport Authority	<u>Tengah Vehicular Interchange at KJE</u>	28 Apr 2023
Housing Development Board	<u>Bayshore</u>	1 Nov 2022
JTC Corporation	<u>Agri-Food Innovation Park Land Preparation Works</u>	14 Oct 2022

Land Transport Authority	<u>Cross Island Line Phase II</u>	10 Oct 2022
National Parks Board	<u>Shoreline Restoration Works at Pulau Ubin</u>  The public feedback period has closed. If you would like to view the report, kindly contact Wee Hong Yuan and Kee Wen Yu at <a href="mailto:nparks_pulau_ubin@nparks.gov.sg">nparks_pulau_ubin@nparks.gov.sg</a> .	28 Sept 2022
Maritime and Port Authority of Singapore	<u>Integrated Development at Marina Coastal Drive</u>	1 Sept 2022
Housing Development Board	<u>Land Reclamation at Changi Bay.</u>  The public feedback period has closed. If you wish to view the report, kindly contact Ms Audrey Yim at <a href="mailto:Audrey_HM_YIM@hdb.gov.sg">Audrey_HM_YIM@hdb.gov.sg</a> and Mr Terence Peh at <a href="mailto:PEH_Hui_Yang@hdb.gov.sg">PEH_Hui_Yang@hdb.gov.sg</a> .	12 July 2022
Public Utilities Board	<u>Reconstruction of Choa Chu Kang Waterworks</u>	4 July 2022
Urban Redevelopment Authority	<p>The Springleaf area bounded by Seletar Expressway, Mandai Road, and Upper Thomson Road has been zoned a mixed-use district with a park in URA's Master Plan since 2014.</p> <p>With the opening of Springleaf MRT station in 2021, the injection of dwelling units at Springleaf will help to leverage improved accessibility in this area and meet housing demands. However, the forested area within the site is home to a variety of native flora and fauna and serves as an important ecological corridor between the Central Catchment Nature Reserve and Khatib Bongso Nature Park. To balance development needs with nature conservation, URA commissioned an environmental baseline study in 2018 to better understand the ecological context of the area. A multidisciplinary team, including professional ecologists and landscape architects, was engaged to explore potential ideas for sensitive development, which will inform future plans for the site. Industry experts, academics, nature and heritage expert groups were engaged to solicit feedback and suggestions for the consultancy team's proposed conceptual plan. Finally, to understand the potential environmental impact of these conceptual ideas, the consultancy team conducted an EIA in 2020.</p>	6 June 2022

	<p>As ideas in the report reflect the consultant's conceptual plan to sensitively develop Springleaf, they are not representative of the future development plans for Springleaf. However, as URA plans for the future Springleaf precinct, we will incorporate the findings and mitigation measures from the study to ensure that future development proposals will protect the rich biodiversity.</p> <p>1. <u>Project Summary</u></p> <p>2. <u>Full EIA Report</u></p> <p>Thank you for sharing your feedback. We have carefully considered all feedback received, and would like to share in detail our considerations and plans for the Springleaf precinct in this <u>report</u>.</p>	
Singapore Food Agency	<p>Aquaculture off Pulau Satumu, Pulau Bukom and Pulau Jong (Southern Waters)</p> <p>The public feedback period has closed. If you wish to view the report, kindly contact Ms Lim Swee Keng at <a href="mailto:lim_swee_keng@sfa.gov.sg">lim_swee_keng@sfa.gov.sg</a> and Mr Jawara Alba at <a href="mailto:jawara_earl_santos_alba_from.tp@sfa.gov.sg">jawara_earl_santos_alba_from.tp@sfa.gov.sg</a>.</p>	5 May 2022
Housing & Development Board	<u>Keppel Club Site</u>	12 Apr 2022
Housing & Development Board	<u>Choa Chu Kang N1</u>	5 Apr 2021
JTC Corporation	<u>Biodiversity Impact Assessment Study for Proposed Land Preparation Works at Woodlands Wafer Fab Park</u>	31 Mar 2022
Sentosa Development Corporation	<u>Deep Gravity Sewer project at Sentosa</u>	17 Feb 2022
Housing & Development Board	<u>Mount Pleasant</u>	23 Nov 2021
Housing & Development Board	<u>Tengah North &amp; Tengah South</u>	5 Nov 2021
Housing & Development Board	<u>Woodlands North</u>	14 Oct 2021

Housing & Development Board	<u>Yishun Miltonia</u>	14 Oct 2021
Public Utilities Board	<u>Twin 1800mm Diameter Potable Water Pipeline along Island Club Road, from Bukit Kalang Service Reservoir (BKSR) to Upper Thomson Road</u>	30 Sep 2021
Public Utilities Board	<u>1600/1200 mm Diameter Outlet Potable Water Pipelines from Nanyang Service Reservoir (NYSR) to Pan Island Expressway (PIE)</u>	4 June 2021
Land Transport Authority	<u>North-South Corridor at Sembawang Road</u>	4 May 2021
National Parks Board	<u>Existing Main Bridge West Side Access Demolition Work and Construction of Buggy Shelter at Sungei Buloh Wetland Reserve</u>	10 April 2021
Housing & Development Board	<u>Ulu Pandan Estate</u>	20 Dec 2020 <i>(Ulu Pandan East EMMF added 5 Jan 2023)</i>
Housing & Development Board	<u>Bukit Batok Hillside Park</u>	19 June 2020
Land Transport Authority	<u>Alignment Options for CRL (Central Catchment Nature Reserve)</u>	2 Sept 2019
Mandai Park Holdings	<u>Mandai Park Developments</u>	26 July 2016 <i>(Addendum added 18 Mar 2019)</i>