



ASSET MANAGEMENT PLAN AS AT 30 JUNE 2019







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Appendix: Ten Year Capital Expenditure Statement (2018/2019 - 2027/2028)

(Ref D2019/10237)



1. Introduction

1.1 Overview of the Eastern Metropolitan Regional Council

The Eastern Metropolitan Regional Council (“EMRC”) was established as a local government authority under the *Local Government Act 1995* to service their initial five member councils – City of Belmont, City of Bayswater, Town of Bassendean, Shire of Mundaring and Shire of Swan (now City of Swan). The Shire of Kalamunda was subsequently admitted as a member council in 1995. The six member councils constitute approximately one third of the area of metropolitan Perth.

Perth’s Eastern Region (“the Region”) extends from the edge of the Perth CBD, along the Swan River through residential, commercial and industrial areas to the outer metropolitan agricultural areas of the Swan Valley and the Hills. The Region encompasses about 2,100 square metres with approximately 362,000 residents.

In 1998, all six member councils approved and signed an Establishment Agreement, which replaced EMRC’s original constitution. The Establishment Agreement provides that EMRC will:

- Work in consultation with member Councils to facilitate local government to enhance its service delivery to the community;
- Be efficient and effective in delivering quality services and facilities;
- Promote and market the role of local government in the community;
- Implement a strategic plan that is regularly reviewed; and
- Avoid providing any service or facility that adversely impacts on the services or facilities of any member Council.

EMRC is governed by a Council with equal representation from each member council. The Council is supported by the Chief Executive Officer and three main directorates – Corporate Services, Regional Services and Waste Services to deliver waste management, environmental management, regional development and resource recovery services.



1.2 Vision, Mission and Values

The shared mission of EMRC and the member councils is to be a responsive and innovative leader in assisting the region to be a great place to live, work, play and do business. This is achieved through establishing partnerships with member councils (and other stakeholders), facilitating strategies and actions for the benefit and sustainability of the Region.

VISION

To be a responsive and innovative leader in assisting Perth's Eastern Region to be a great place to live, work, play and do business.

MISSION

The Eastern Metropolitan Regional Council, by partnering with member councils (and other stakeholders), facilitates strategies and actions for the benefit and sustainability of Perth's Eastern Region.

ORGANISATIONAL VALUES

The organisational values will guide decision making and interaction with stakeholders.

Excellence:	<i>Striving for excellence through the development of quality and continuous improvement.</i>
Recognition:	<i>Valuing staff in a supportive environment that focuses on their wellbeing.</i>
Innovation:	<i>Focus on innovative approaches in projects and service delivery.</i>
Responsiveness:	<i>Dynamic and flexible service delivery.</i>
Integrity:	<i>Accountability and consistency in all that we do.</i>

2. Integrated Planning Framework

EMRC has developed an Integrated Planning Framework to ensure that strategic priorities drive operational activities. *EMRC 2017 to 2027 – 10 Year Strategic Plan* is a shared vision between EMRC and its member Councils. It has been developed to guide and inform the actions that will be taken over the next 10 years to benefit the community that lives, works, plays and does business within Perth's Eastern Region. The **Strategic Asset Management Plan**, a component of the Strategic Asset Management Framework (refer below), is a Strategic High Level Plan, aligned to the priorities identified in *EMRC 2017 to 2027 – 10 Year Strategic Plan*. It guides the development of actions which are prioritised during annual business planning workshops.

In a commitment to continuous improvement EMRC provides regular reports on performance to the Council and Community. The EMRC also ensures that regular reviews are undertaken to ensure that the organisation remains focussed on meeting regional needs.



3. Asset Management Planning

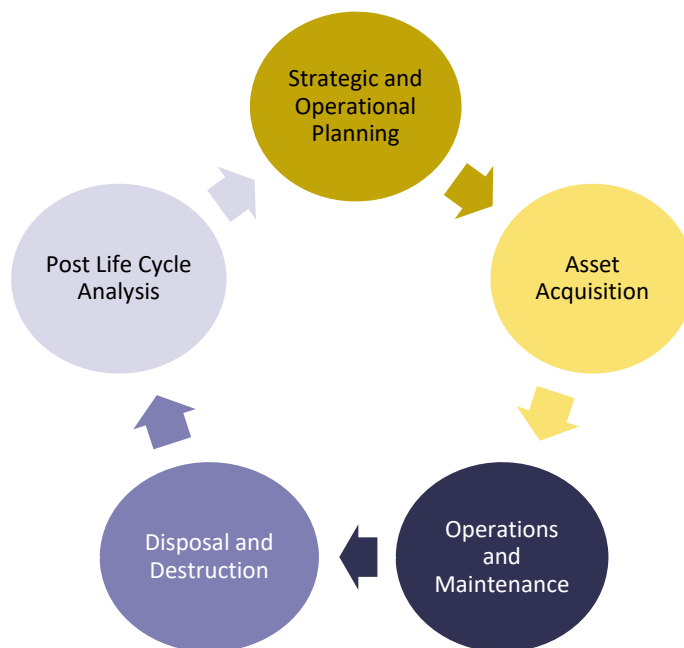
3.1 Key Concepts

Asset management forms an integral component of corporate planning as assets exist to support service delivery. It is critical that EMRC plans, acquires and maintains the most appropriate assets to meet their current and future service delivery demands of its six member councils.

Good asset management is achieved through:

- **Effective strategic and operational planning (including risk management).** Identification of current and future requirements to achieve strategic and operational objectives and risk management;
- **Informed asset acquisition or development decisions.** Cost versus benefit analysis, budgeting and selection of procurement method;
- **Timely and proper operations and maintenance procedures.** Continuous use of assets and periodic refurbishment, service and repairs of assets;
- **Informed disposal or destruction decisions.** Timely retirement of assets which are no longer in use or exceeded their economic life; and
- **Post life cycle analysis (including continuous improvement).** Identification of improvement opportunities and review of usage and associated costs.

The diagram below depicts the key phases of the asset management life cycle:





3.2 Terminology

The table below provides brief descriptions of key concepts in asset management:

Terminology	Description
Asset	<p>An asset is an item of value.</p> <p>Assets support EMRC's service delivery to its member councils.</p> <p>Possible groupings of assets include:</p> <ul style="list-style-type: none">• Current or non-current assets;• Tangible or intangible assets;• Leased or owned; and• Purchased or developed. <p>The main classes of assets maintained by EMRC include:</p> <ul style="list-style-type: none">• Land;• Buildings;• Structures;• Plant;• Equipment; and• Furniture and fittings.
Control	<p>An entity is deemed to have control over an asset when it has the capacity to:</p> <ul style="list-style-type: none">• Enjoy the service potential or future economic benefits of the asset;• Deny or regulate access to those benefits. <p>The entity that is responsible for the control of an asset may not necessarily be the entity that holds the ownership to the asset.</p> <p>EMRC has control over its assets which are jointly owned by the six member councils.</p>
Accountability	<p>Accountability refers to mechanisms to ensure that the actions of a person or an entity meet the agreed standards. An entity that controls assets is accountable for the management of those assets.</p> <p>EMRC is accountable for the management of its assets which are jointly owned by the six member councils.</p>



3.3 Financial Management

The table below provides brief descriptions of key concepts that affect financial management:

Terminology	Description
Asset Recognition	<p>An asset should be recognised in the financial statements when the following criteria are met:</p> <ul style="list-style-type: none">• The asset has service potential for the entity;• The entity has control over the service potential;• It is probable that the service potential will be used;• The cost or value of the asset can be reliably measured; and• The estimated value of the asset is above the entity's recognition threshold.
Service Potential	<p>Service potential relates to the fundamental nature of an asset where it is used to contribute to the delivery of a service. Service potential declines over time through wear and tear, technical obsolescence and/or commercial obsolescence.</p>
Depreciation	<p>Depreciation relates to the cost associated with consuming the service potential over time and accounts for costs of an asset over time.</p> <p>Depreciation is often a book entry and does not provide funding for the replacement of an asset.</p> <p>The common depreciation methods include:</p> <ul style="list-style-type: none">• Straight line;• Reducing balance; or• Production unit method. <p>Selection of depreciation method should be made based on the pattern of service potential yielded by the asset (as closely as possible) to ensure that a realistic reflection of the costs associated with the usage of the asset.</p> <p>Applied depreciation rates are to be reviewed annually and adjusted where required.</p>
Useful Life	<p>Useful life refers to the period over which the asset is expected to provide the entity with service</p> <p>Useful life can be measured in terms of time (years) or output (production or service units).</p> <p>Useful life is critical in the determination of depreciation rate.</p>
Valuation	<p>Valuation refers to the determination of the economic value of an asset or liability.</p>



Terminology	Description
Modification	<p>The two types of modification are:</p> <ul style="list-style-type: none">• Enhancement – Works to increase the existing service potential; or• Refurbishment – Works to restore the asset to an acceptable condition.
Capital Expenditure	<p>An expenditure is considered a capital expenditure if the following criteria are met:</p> <ul style="list-style-type: none">• Extends the asset's economic life;• Improves the asset's service potential; or• Creates additional attributes for the asset (ie not previously part of asset). <p>All other expenses which do not meet the above criteria are classified as operating expenses.</p>



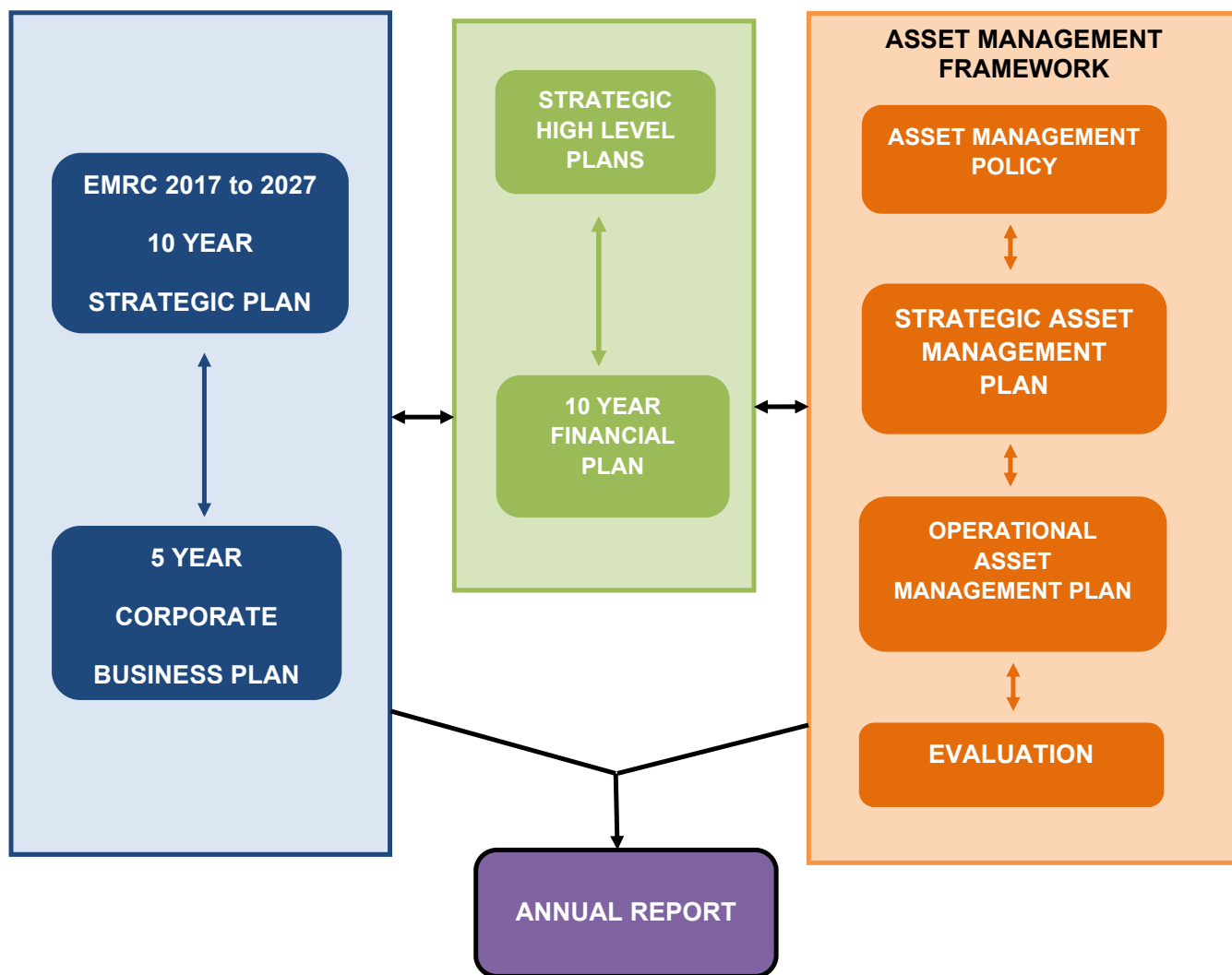
4. EMRC's Strategic Asset Management Framework

This document sets out the approved EMRC's Strategic Asset Management Framework, and document should be read in conjunction with *EMRC 2017 to 2027 - 10 Year Strategic Plan* ("the Strategic Plan").

EMRC's Strategic Asset Management Framework integrates policy, plans and operational actions with regard to asset management as shown below.

The Framework is an element of EMRC's Integrated Planning Framework and has been developed to ensure that the goals within the Strategic Plan are met.

The Framework aims to enhance sustainable management of EMRC's assets and financial resources through a 'whole of life' and 'whole of organisation' approach.





4.1 Asset Management Policy

Asset Management Policy – establishes the platform for asset management and provides the framework that enables the Strategic Asset Management Strategy and Operational Asset Management Plans development.

4.2 Strategic Asset Management Plan

Strategic Asset Management Plan – a high level strategic document which, among other things, defines service levels; links to financial plans; details governance arrangements; and outlines data and system requirements to support asset management.

Strategic asset management planning is critical to ensure that the most appropriate assets are maintained to meet EMRC's current and future service delivery demands. This long term planning, which covers 10 years, is aimed at identifying critical assets required to support the Strategic Plan.

The main services currently delivered by EMRC include:

- Waste management services;
- Recycling services;
- Generation of landfill gas and power;
- Maintenance of compost facility and transfer services; and
- Waste education services.

The Executive Management Team is responsible for EMRC's Strategic Asset Management Plan ("SAMP"). The SAMP will be reviewed at least once every four years to ensure that it is aligned with EMRC's strategic objectives.

4.3 Operational Asset Management Planning

Operational Asset Management Plans define current levels of service and the processes used to manage each of EMRC's asset classes.

The Operational Asset Management Plans ("OAMP") underpin EMRC's asset management activities and detail action plans on key initiatives to be delivered by individual business units. The OAMPs are developed with input from the Executive Management Team and senior personnel from all business units to ensure that asset management objectives are clearly understood, agreed upon and actioned. OAMPs are developed for key programmes including:

- Buildings and land
- Structures
- Plant and equipment
- Plant

4.4 Evaluation

Evaluation will be conducted annually to ensure the sustainable delivery of EMRC's asset portfolio, and maintain a 'whole of organisation' approach to asset management.



4.5 Reporting

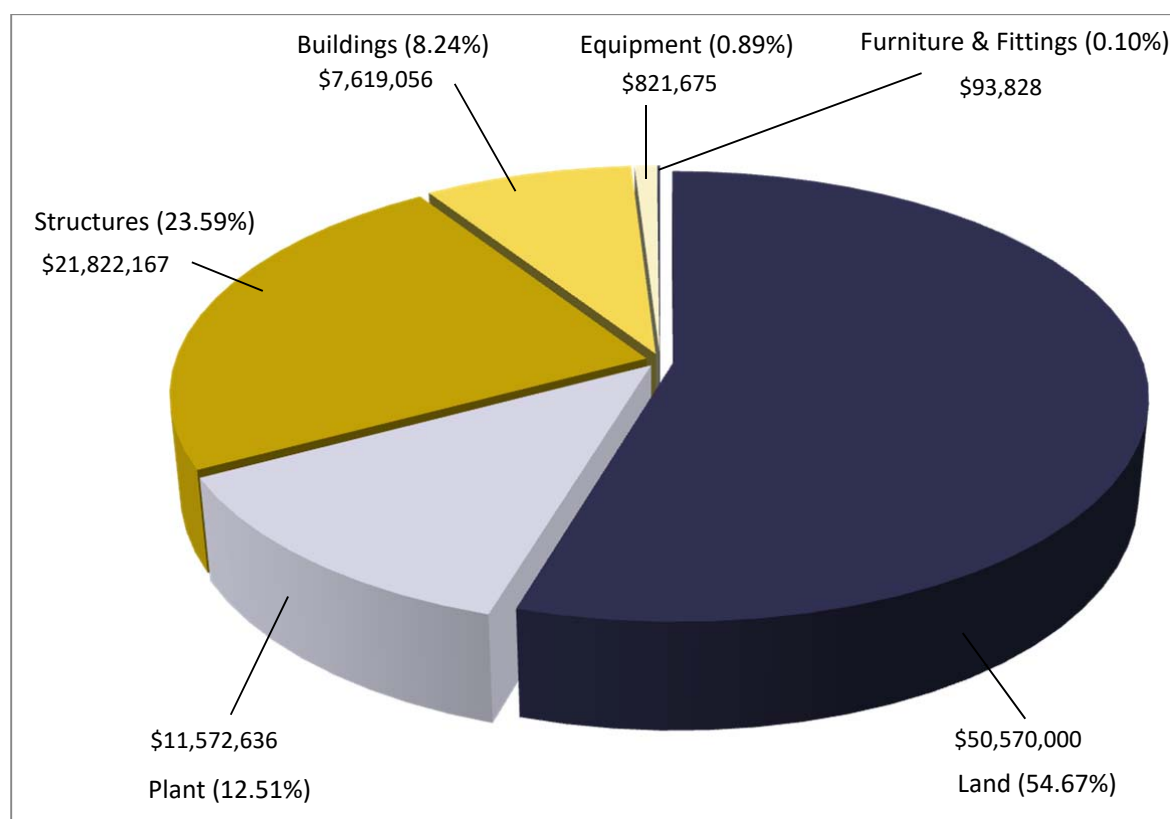
EMRC undertakes both internal and external reporting to ensure alignment of priorities and service delivery. Reports are provided to the Executive Team each month. Council will receive bi-annual reports and performance will also be reported to the Community through the Annual Report.

5. Asset Portfolio

5.1 Current Asset Portfolio

It has been forecast that the EMRC will be responsible for managing approximately \$92.5 million worth of property, plant and equipment on behalf of its six member councils as at 30 June 2019 compared to approximately \$82 million as at 30 June 2018.

The following chart depicts EMRC's forecast asset portfolio as at 30 June 2019.





5.2 EMRC Asset Classes

The majority of EMRC's assets are located in the following locations:

- The Red Hill Waste Management Facility, including the airspace;
- The Hazelmere Recycling Centre; and
- Ascot Place Office and neighbouring land.

The table below provides details of classes, sub-classes and the depreciation rate related to the assets managed by EMRC:

Asset Class	Asset Sub-Class	Depreciation %
Building	<ul style="list-style-type: none"> • Council administration building • Waste management facility building • Other waste management building 	0.20% to 32.00% (Based on components)
Infrastructure - General	<ul style="list-style-type: none"> • Siltation ponds • Roads 	0.56% - 18.10% (Based on components)
Infrastructure - Land Fill Cells	<ul style="list-style-type: none"> • Class III cells • Class IV cells 	% of actual use
Land	<ul style="list-style-type: none"> • Farm land • Commercial land • Council administration building land • Waste management building land 	Not depreciated
Plant	<ul style="list-style-type: none"> • Major plant • Minor plant • Red Hill landfill vehicles • Ascot Place vehicles 	3.67% to 57.66%
Equipment	<ul style="list-style-type: none"> • Office equipment • Fire fighting equipment • Security equipment • Irrigation equipment • Network communication equipment • Telephone equipment • Miscellaneous equipment 	5.97% to 33.33%
Information Technology	<ul style="list-style-type: none"> • Hardware • Software • Systems (Records management, financial, human resources etc.) 	5.33% to 52.59%
Furniture and Fittings	<ul style="list-style-type: none"> • Office furniture and fittings • Miscellaneous furniture and fittings • Artworks owned 	5.33% to 52.59% Artworks: Not depreciated



5.3 Asset Ratios

Asset ratios are detailed in the Annual Financial Report which draws from EMRC's Long Term Financial Plan. Ratios are updated annually as part of compiling the Annual Financial Report. As of 30 June 2018 EMRC's asset ratios were:

	2017/2018	2016/2017	2015/2016
Asset Sustainability Ratio *	0.10 : 1.00	0.69 : 1.00	0.49 : 1.00
Asset Consumption Ratio	0.79 : 1.00	0.79 : 1.00	0.82 : 1.00
Asset Renewal Funding Ratio	1.00 : 1.00	1.00 : 1.00	1.00 : 1.00

* The EMRC as a Regional Local Government has a high and diverse level of capital expenditure for which the depreciation expense is also based on, resulting in a low ratio.

6. Asset Management Strategy

EMRC's 10 Year Strategic Plan focuses on sustainability and helps address social, environmental, economic and governance issues in an inclusive and effective manner. As the Western Australia's transportation hub, the Region experiences rapid expansion and growth with major capital investments including intermodal freight terminal development, major airport and road development, and education and health investment.

These developments create a need for strategic and operational asset management planning to ensure that EMRC continues to deliver quality services to their six member councils.

EMRC's asset management strategy is to plan, acquire and maintain an optimal asset portfolio to meet current and future delivery needs. The strategy involves maintaining capacity for existing service delivery needs and planning for new capacity to cope with future demands.

A clear strategy will ensure the following:

- Relevant legislative requirements together with political, social, economic and environmental requirements are considered;
- Consistent, systematic and appropriate asset management principles are applied across all levels;
- Integration of asset management with strategic planning and operational processes;
- Prioritisation of asset acquisitions, operations, maintenance and disposal activities;
- Sustainable assets are maintained by EMRC; and
- Key stakeholders are appropriately informed.

EMRC utilises an integrated asset management system to manage assets. The system assists EMRC in maintaining asset records, tracking costs, long term planning, modelling and revaluation.



6.1 Asset Acquisition

EMRC classifies asset acquisitions as acquisitions to replace existing assets or acquisitions to create new capacity.

Acquisitions to replace existing assets are intended to maintain EMRC's current service delivery capacity whereas other acquisitions to create new capacity are aimed at enhancing service delivery capacity. Changing expectations for standards and capacity, technology advancement and new demands often contribute towards EMRC's decisions to create new capacity.

All assets are acquired either through direct purchases or custom development. Direct purchases refer to purchases from open market or other agencies whereas custom development often involves capitalisation of costs associated with in-house or outsourced development of an asset.

All assets are acquired in accordance with EMRC's Asset Management Policy.

Refer Appendix: 10 Year Capital Expenditure Programme (2019/2020 - 2028/2029)
(Ref: D2019/10237)

6.2 Operations and Maintenance

Individual business unit identify regular inspection and routine maintenance programs for major assets as part of operational asset management planning. These programs must be included in the approved OAMP and carried out by suitably qualified staff or contractor to ensure that they are in good working condition.

All staff must take due care when operating EMRC's assets for official purposes. EMRC will ensure that all major assets are adequately insured against unfavourable events.

EMRC will conduct asset verification (i.e. asset count) on a date as determined by the Manager Financial Services to confirm the existence of assets included in the Asset Register.

6.3 Disposal and Destruction

Individual business units identify major asset disposal or destruction as part of operational asset management planning. All major asset disposal or destruction must be included in the OAMP.

EMRC currently has a 10 year replacement program for plant, equipment and motor vehicles based on number of years used, kilometres travelled or hours used. Assets with expired useful lives are replaced at the earliest opportunity to minimise maintenance costs.

All other minor obsolete assets are identified during annual asset verification process and disposed accordingly.

6.4 Post Life Cycle Analysis

EMRC undertakes post life cycle analysis for all major assets to evaluate usage patterns, actual useful lives, actual costs and benefits associated with the assets. The analysis is aimed at identifying improvement opportunities and additional requirements for acquisition or development of future assets.



For further information please contact:

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