Permit

Environmental Protection Act 1994

Environmental authority P-EA-100754159

This environmental authority is issued by the administering authority under Chapter 5 of the Environmental Protection Act 1994.

Environmental authority number: P-EA-100807506

Environmental authority takes effect on the date that your related development approval 522.2024.485.1 takes effect**.** This is the take effect date.

Within 5 business days of the environmental authority taking effect, the administering authority must be given written notice of the occurrence. Prior to the commencement of the activity, the administering authority must be given written notice of the proposed date of commencement.

The first annual fee is payable within 20 business days of the take effect date.

The anniversary date of this environmental authority is the same day each year as the take effect date. The payment of the annual fee will be due each year on this day.

Environmental authority holder(s)

Name(s)	Registered address
DUAL CHELATE FERTILIZER PTY LTD	162 New Guinea Rd ROBINVALE VIC 3549

Environmentally relevant activity and location details

Environmentally relevant activity/activities	Location(s)
ERA 07 - Chemical manufacturing - 4(a) - Manufacturing, in a year, the following quantities of fertiliser - 200t to 5000t	104/CK3327

Additional information for applicants

Environmentally relevant activities

The description of any environmentally relevant activity (ERA) for which an environmental authority (EA) is issued is a restatement of the ERA as defined by legislation at the time the EA is issued. Where there is any inconsistency between that description of an ERA and the conditions stated by an EA as to the scale, intensity or manner of carrying out an ERA, the conditions prevail to the extent of the inconsistency.

An EA authorises the carrying out of an ERA and does not authorise any environmental harm unless a condition stated by the EA specifically authorises environmental harm.

Queensland Government

A person carrying out an ERA must also be a registered suitable operator under the *Environmental Protection Act 1994* (EP Act).

Mobile and temporary activities

If you operate a mobile and temporary environmentally relevant activity (ERA), other than regulated waste transport, you are required to maintain a work diary. You must:

- use the approved form for a work diary (ESR/2015/1696);
- keep the work diary records for 2 years after the last entry;
- inform the administering authority within 7 days of the work diary being lost or stolen;
- record the information required in the work diary for each location within 1 day of leaving the location.

Contaminated land

It is a requirement of the EP Act that an owner or occupier of land give written notice to the administering authority if they become aware of the following:

- the presence of, or happening of an event involving, a hazardous contaminant on the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- if the land is contaminated land – a change in the condition of the land that is causing, or is reasonably likely to cause, serious or material environmental harm (notice must be given within 24 hours); or
- a notifiable activity (as defined in Schedule 3) having been carried out, or is being carried out, on the land (notice must be given within 20 business days).

For further information, including the form for giving written notice, refer to the Queensland Government website www.qld.gov.au, using the search term 'duty to notify'.

Take effect

Please note that, in accordance with section 200 of the EP Act, an EA has effect:

a) if the authority is for a prescribed ERA and it states that it takes effect on the day nominated by the holder of the authority in a written notice given to the administering authority – on the nominated day; or

b) if the authority states a day or an event for it to take effect – on the stated day or when the stated event happens; or

c) otherwise – on the day the authority is issued.

However, if the EA is authorising an activity that requires an additional authorisation (a relevant tenure for a resource activity, a development permit under the *Planning Act 2016* or an SDA Approval under the *State Development and Public Works Organisation Act 1971*), this EA will not take effect until the additional authorisation has taken effect.

If this EA takes effect when the additional authorisation takes effect, you must provide the administering authority written notice within 5 business days of receiving notification of the related additional authorisation taking effect.

The anniversary day of this environmental authority is the same day each year as the effective date. The payment of the annual fee will be due each year on this day. An annual return will be due each year on 01 April.

If you have incorrectly claimed that an additional authorisation is not required, carrying out the ERA without the

additional authorisation is not legal and could result in your prosecution for providing false or misleading information or operating without a valid environmental authority.



Signature

7 February 2025

Date

Helena Braye
Manager
Department of Environment, Tourism, Science and Innovation Delegate of the administering authority
Environmental Protection Act 1994

Enquiries:
Energy and Extractive Resources
GPO Box 2454, BRISBANE QLD 4001
Phone: (07) 3330 5715
Email: EnergyandExtractive@des.qld.gov.au

Obligations under the *Environmental Protection Act 1994*

In addition to the requirements found in the conditions of this environmental authority, the holder must also meet their obligations under the EP Act, and the regulations made under the EP Act. For example, the holder must comply with the following provisions of the Act:

- general environmental duty (section 319)
- duty to notify environmental harm (section 320-320G)
- offence of causing serious or material environmental harm (sections 437-439)
- offence of causing environmental nuisance (section 440)
- offence of depositing prescribed water contaminants in waters and related matters (section 440ZG)
- offence to place contaminant where environmental harm or nuisance may be caused (section 443)

Other permits required

This permit only provides an approval under the *Environmental Protection Act 1994*. In order to lawfully operate you may also require permits / approvals from your local government authority, other business units within the department and other State Government agencies prior to commencing any activity at the site. For example, this may include permits / approvals with your local Council (for planning approval), the Department of Transport and Main Roads (to access State controlled roads), the Department of Resources (to clear vegetation), and the Department of Agriculture and Fisheries (to clear marine plants or to obtain a quarry material allocation).

Obligations under the *Mining and Quarrying Safety and Health Act 1999*

If you are operating a quarry, other than a sand and gravel quarry where there is no crushing capability, you will be required to comply with the *Mining and Quarrying Safety and Health Act 1999*. For more information on your obligations under this legislation contact Mine Safety and Health at www.resources.qld.gov.au, or phone 13 QGOV (13 74 68) or your local Mines Inspectorate Office.

Development Approval

This permit is not a development approval under the *Planning Act 2016*. The conditions of this environmental authority are separate, and in addition to, any conditions that may be on the development approval. If a copy of this environmental authority is attached to a development approval, it is for information only, and may not be current. Please contact the Department of Environment, Science and Innovation to ensure that you have the most current version of the environmental authority relating to this site.

Conditions of environmental authority

Agency interest: General	
Condition number	**Condition**
G1	Activities under this environmental authority must be conducted in accordance with the following limitations: a) The combined quantity of chemicals permitted to be manufactured on site must not exceed 5,000t per year; and b) The combined quantity of chemicals stored onsite must not exceed 5,000t at any one time; and c) The activity must only occur within the areas illustrated in *Appendix 1 – Figure 1* and bounded by the coordinates listed in *Appendix 1 – Table 1*.
G2	Any contravention of a condition of this environmental authority must be reported to the administering authority as soon as practicable, but no more than 24 hours after becoming aware of the contravention.
G3	All reasonable and practicable measures must be taken to prevent or minimise environmental harm caused by the activity.
G4	Unless specifically authorised by a condition of this environmental authority, this environmental authority does not authorise a relevant act which is: a) an act that causes serious or material environmental harm or an environmental nuisance; or b) an act that contravenes a noise standard; or c) a deposit of a contaminant, or release of stormwater run-off, mentioned in section 440ZG of the Environmental Protection Act 1994.
G5	Prior to commencement of the activity, written procedures must be developed that: a) identify all potential risks to the environment from the activity, including during and outside routine operations, during closure and in an emergency; and b) identify measures to prevent or minimise the potential for environmental harm for each of the potential risks identified; and c) establish an inspection and maintenance program for plant and equipment including calibration and servicing that is in accordance with manufacturer's instructions; and d) establish a staff training program on obligations under this environmental authority and the Environmental Protection Act 1994 to be conducted as part of staff inductions and at least annually; and e) establish processes to review environmental risks, incidents, performance and complaints.
G6	Written procedures required by condition G5 must be: a) implemented; b) kept in a location readily accessible to personnel carrying out the activity; and c) reviewed at least annually or following any amendments made to the environmental authority.

G7	All plant and equipment must be installed, operated and maintained in a proper and effective manner.
G8	All records must be kept for a period of at least five years and provided to the administering authority upon request, within the timeframe and in the format specified in the request.
G9	An appropriately qualified person(s) must: a) monitor and record all parameters that are required to be monitored by this environmental authority and in the manner specified by this environmental authority; and b) analyse and interpret the results of all monitoring required by this environmental authority and document the analysis and interpretation.
G10	All analyses required under this environmental authority must be carried out by a laboratory that has National Association of Testing Authorities (NATA) certification, or an equivalent certification, for such analyses. The only exceptions to this condition are the in-situ monitoring of turbidity, pH, electrical conductivity and dissolved oxygen.
G11	Chemicals and fuels in containers of greater than 15 litres must be stored within a secondary containment system.
G12	When requested by the administering authority, monitoring must be undertaken in the manner prescribed by the administering authority to investigate potential or actual environmental harm arising from the activity. The results of monitoring must be provided to the administering authority within the timeframe and in the format specified in the request.
G13	Measures for detecting seepage or leaks from storage tanks and storage areas must be installed and implemented.
G14	Any detection of a leak or seepage from storage tanks and storage areas must be reported to the administering authority within 24 hours.
Agency Interest: Waste	
Condition number	**Condition**
WA1	All waste generated in carrying out the activity must be lawfully reused, recycled or removed to a facility that can lawfully accept the waste.
WA2	Incompatible wastes must not be mixed in the same container or waste storage area.
WA3	Residual material (both in liquid and solid form) removed from any ponds, dams, sediment basins or similar stormwater treatment and retention measures must be stored and/or disposed of in a manner that does not cause or have the potential to cause a release of contaminants.

<table>
<tr><th colspan="2">Agency Interest: Acoustic</th></tr>
<tr><th>Condition number</th><th>Condition</th></tr>
<tr><td>N1</td><td>Other than as permitted within the environmental authority noise generated by the activity must not cause environmental nuisance to any sensitive place or commercial place.</td></tr>
<tr><td>N2</td><td>Noise from the activity must not exceed the levels identified in Table – Noise limits at any nuisance sensitive place or commercial place when measured in accordance with the associated monitoring requirements.
Table – Noise limits
<table>
<tr><th rowspan="2">Noise level</th><th colspan="3">Monday to Friday</th><th colspan="3">Saturday, Sunday and Public Holidays</th></tr>
<tr><th>7am–7pm</th><th>7pm–10pm</th><th>10pm–7am</th><th>9am–6pm</th><th>6pm–10pm</th><th>10pm–9am</th></tr>
<tr><td></td><td colspan="6">Noise measured at the nearest sensitive place</td></tr>
<tr><td>$L_{Aeq\ adj,\ 1\ hr}$</td><td>40</td><td colspan="2">No audible noise</td><td colspan="3">No audible noise</td></tr>
<tr><td></td><td colspan="6">Noise measured at a commercial place</td></tr>
<tr><td>$L_{Aeq\ adj,\ 1\ hr}$</td><td>45</td><td colspan="2">No audible noise</td><td colspan="3">No audible noise</td></tr>
</table></td></tr>
<tr><td>N3</td><td>All monitoring of noise emissions from the activity must be undertaken when the activity is in operation.</td></tr>
<tr><td>N4</td><td>The following must be recorded when undertaking monitoring of noise emissions from the activity:
a) All equipment in operation at the time of the noise measurement; and
b) The mode of operation at the time of the noise measurement.
Note: results and monitoring reports are records that must be kept in accordance with condition G8.</td></tr>
<tr><td>N5</td><td>Noise measurements must be taken using a class 1 sound level meter as classified under AS IEC 61672.</td></tr>
<tr><td>N6</td><td>All monitoring of noise emissions from the activity must be undertaken in accordance with the latest edition of the Noise measurement manual (available on the Queensland government website), the relevant Australian Standard and the Environmental Protection Regulation 2019 (Chapter 5, Part 4).</td></tr>
<tr><th colspan="2">Agency interest: Air</th></tr>
<tr><th>Condition number</th><th>Condition number</th></tr>
</table>

A1	Other than as permitted within this environmental authority, odours or airborne contaminants must not cause environmental nuisance to any sensitive place or commercial place.
A2	Air quality monitoring, including for dust and point source emissions from the activity, must be undertaken in accordance with the latest edition of: a) the relevant Australian Standards; or b) a method approved by any other Australian, European or North American jurisdiction/EPAs (if monitoring requirements are not described in the Australian Standards).
A3	Water sprays must be in use when carrying out vegetation clearing and grinding activities to minimise the release of airborne contaminants to the atmosphere.
Agency interest: Land	
Condition number	**Condition**
L1	Contaminants generated by the activity must not be released to land.
L2	Erosion and sediment control measures must be implemented and maintained to minimise erosion and the release of sediment to waters.
L3	Before applying to surrender this environmental authority, the site must be rehabilitated to achieve a safe, stable, non-polluting landform and be suitable for the intended land use to the satisfaction of the administering authority.
L4	Treatment and management of acid sulfate soils must comply with the latest edition of the Queensland Acid Sulfate Soil Technical Manual.
Agency interest: Biodiversity	
Condition number	**Condition**
B1	Impacts to prescribed environmental matters are not authorised under this environmental authority or the *Environmental Offsets Act 2014*.
B2	**Prior to clearing** Prior to clearing vegetation, an appropriately qualified person (i.e. an Ecologist) must undertake a flora and fauna inspection within the boundary of the 'Proposed New Pit' as identified in *Appendix 1 – Figure 1* and associated GPS Co-ordinates in *Appendix 1 – Table 1*. An inspection must also be made within 50m from the boundary of the 'Proposed New Pit' as identified in *Appendix 1 – Figure 1* and associated GPS Co-ordinates in *Appendix 1 – Table 1*. Records must be kept detailing: a) the area to be cleared;

	b) the methodology used; and c) any prescribed environmental matters.
B3	**During Clearing** All vegetation clearing activities must be undertaken under the direction of a suitably qualified fauna spotter-catcher. A record must be kept detailing: a) the area cleared; b) the methodology used; c) any prescribed environmental matters encountered; d) GPS Co-ordinates (GDA 2020 at latitude and longitude) on location of any prescribed environmental matters encounters; e) any wildlife relocated, injured or killed; f) any identified key habitat features and a relevant description of the area; and g) location of any trees or logs that have been relocated under the requirement of condition B5.
B4	Clearing must cease immediately after identifying any prescribed environmental matters within, or 50 m from the boundary of the 'Proposed New Site' as identified in *Appendix 1 – Figure 1 and associated GPS Co-ordinates in Appendix 1 – Table 1*.
B5	Any trees or logs that have been felled as a result of clearing and are found suitable by the appropriately qualified person (i.e. a fauna spotter or ecologist) as a key habitat feature, are to be relocated away from the 'Proposed New Site' boundary depicted in *Appendix 1 – Figure 1* and associated GPS Co-ordinates in *Appendix 1 – Table 1*.
B6	**Notification** The administering authority must be notified within 24 hours of any prescribed environmental matters identified under condition B1 and B4. Notification must include: a) the species name; b) the number and type of specimens recorded; c) GPS co-ordinates (GDA 2020 at latitude and longitude) of Matters of State Environmental Significance locations; and d) if applicable, any material evidence of the record (i.e. photograph, audio, video).
B7	Proceeding the requirements of conditions B2, B4 and B6, clearing may recommence once relevant approvals have been obtained from the administering authority in relation to the prescribed environmental matters identified.
Agency interest: Water	
Condition number	**Condition**
W1	Contaminants from the activity must not be released to any waters or at a location where they are likely to release to waters. The only material permitted to be released to waters is stormwater that has not been in contact with any potential contaminants.
W2	Stormwater must be managed to:

	a) prevent stormwater from being contaminated by the activity; or b) direct stormwater that is contaminated by the activity to stormwater treatment and retention measures.
W3	Any stormwaters released to waters permitted under conditions W1 must not contain any contaminants at a concentration capable of causing environmental harm.
W4	Releases to waters must not produce any slick or other visible evidence of oil or grease, nor contain visible floating oil, grease, scum, litter or other visually objectionable matter.
W5	Discharging of stormwater to waters must not cause scouring, or any other event that could lead to erosion of land, riverbeds and banks.

Definitions

Where a word or phrase in this document is defined in this Schedule or within the document, it has its corresponding meaning. Where a word or phrase in this document is not defined in this Schedule, it has the meaning given to it in (in order of priority):

- the *Environmental Protection Act 1994* (EP Act), its regulations or its environmental protection policies;
- the *Acts Interpretation Act 1954*;
- the Macquarie Dictionary (taking account of the context in which the word or phrase is used in this document).

For example, environmental value, environmental harm, environmental nuisance, material environmental harm, serious environmental harm and relevant act are defined in the EP Act and groundwater is defined in the Environmental Protection Regulation 2019.
Defined words or phrases in the singular include the plural and vice versa.

Activity means the environmentally relevant activities, whether resource activities or prescribed activities, to which the environmental authority relates.

Administering authority means the Department of Environment, Science and Innovation or its successors or predecessors.

Appropriately qualified person(s) means a person or persons who has professional qualifications, training, skills and experience relevant to the EA requirement and can give authoritative assessment, advice and analysis in relation to the EA requirement using the relevant protocols, standards, methods or literature.

Commercial place means a place, or part of a place, used as a workplace, an office or for business or commercial purposes.

Environmental nuisance as defined in Chapter 1 of the *Environmental Protection Act 1994*.

Groundwater means water that occurs naturally in, or is introduced artificially into, an aquifer.

Incompatible waste means waste that may chemically react when:

1. placed in proximity to other wastes; and/or
2. mixed with other wastes.

Land does not include waters.

$\mathbf{L_{Aeq\ adj,\ 1\ hr}}$ means an A-weighted sound pressure level of a continuous steady sound, adjusted for tonal character, that within a 1-hour period has the same mean square sound pressure of a sound that varies with time.

Measures have the broadest interpretation and includes plant, equipment, physical objects, monitoring, procedures, actions, directions and competency.

NATA means National Association of Testing Authorities.

Nutrient offset means the project developed in accordance with the *Point Source Water Quality Offsets Policy 2019* or more later versions, as agreed to by the administering authority.

Offsite nutrient reduction action means an action taken to counter-balance a point source nutrient release as outlined within the nutrient offset.

Prescribed environmental matters has the meaning in section 10 of the Environmental Offsets Act 2014, limited to the matters of State environmental significant listed in schedule 2 of the Environmental Offsets Regulation 2014.

Records include breach notifications, written procedures, analysis results, monitoring reports and monitoring programs required under a condition of this authority.

Relevant act as defined in section 493A of the EP Act.

Secondary containment system means a system designed, installed and operated to prevent any release of contaminants from the system, or containers within the system.

Sensitive place includes the following and includes a place within the curtilage of such a place reasonably used by persons at that place:

1. a dwelling, residential allotment, mobile home or caravan park, residential marina or other residential premises; or
2. a motel, hotel or hostel; or
3. a kindergarten, school, university or other educational institution; or
4. a medical centre or hospital; or
5. a protected area under the Nature Conservation Act 1992, the Marine Parks Act 2004 or a World Heritage Area; or
6. a public park or garden; or
7. for noise, a place defined as a sensitive receptor for the purposes of the Environmental Protection (Noise) Policy 2019.

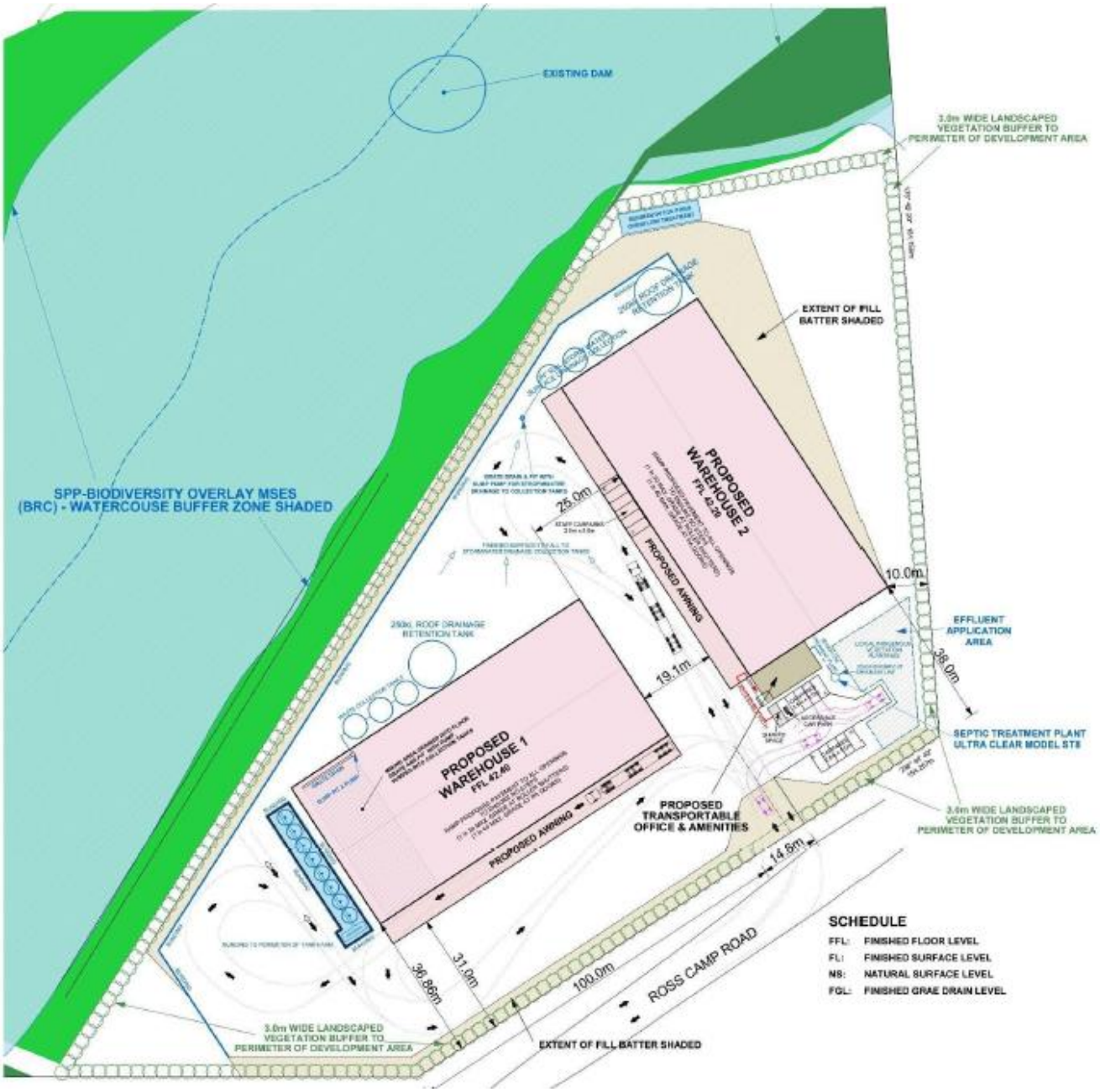
Significant residual impact has the meaning in section 8 Environmental Offsets Act 2014.

Waters includes a river, stream, lake, lagoon, pond, swamp, wetland, unconfined surface water, unconfined water, natural or artificial watercourse, bed and bank of any waters, dams, non-tidal or tidal waters (including the sea), stormwater channel, stormwater drain, roadside gutter, stormwater run-off, and groundwater and any part thereof.

You means the holder of the environmental authority.

Appendices

Appendix 1 – Figure 1



END OF ENVIRONMENTAL AUTHORITY