



ACT
Government

Chief Minister, Treasury and
Economic Development

Freedom of Information Publication Coversheet

The following information is provided pursuant to section 28 of the *Freedom of Information Act 2016*.

FOI Reference: CMTEDDFOI 2023-333

Information to be published	Status
1. Access application	Published
2. Decision notice	Published
3. Documents and schedule	Published
4. Additional information identified	No
5. Fees	Waived
6. Processing time (in working days)	44
7. Decision made by Ombudsman	N/A
8. Additional information identified by Ombudsman	N/A
9. Decision made by ACAT	N/A
10. Additional information identified by ACAT	N/A



ACT
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Chief Minister, Treasury and
Economic Development

Our ref: CMTEDDFOI 2023-333



FREEDOM OF INFORMATION REQUEST

I refer to your application under section 30 of the *Freedom of Information Act 2016* (the Act), received by the Chief Minister, Treasury and Economic Development Directorate (CMTEDD) on 18 October 2023. Specifically, you sought access to the following information held by CMTEDD:

“...documents relating to the operation of an asphalt process plant, called Capital Asphalt Plant located at 5 Paspaley Street, Hume ACT 2620:”

1. Any advice or documents submitted to the EPA and not caught by the request above that led to its final support for the DA, including any independent review of the air quality modelling referred to at page 12 of the Development Approval;
2. Any application for an environmental authorisation under s49(1)(a) of the Environment Protection Act 1997 (**EP Act**) to the operation of the Plant by the EPA, and documents submitted with such an application relating air emissions subsequent or connected to the Development Approval.
3. Documents evidencing the assessment of air quality issues as part of the application referred to in paragraph 7.
4. Any notice of determination granting an environmental authorisation under s49(1)(a) of the EP Act to the operation of the Plant by the EPA following receipt of an application referred to in paragraph 7 (**Authorisation**).
5. Any approved amendments to an environmental authorisation impacting upon or in any way altering conditions in the Authorisation addressing air quality and air emissions.
6. Any environmental management plan (**EMP**) accepted by the EPA prior to the commissioning of the Plant and any approved variations to the EMP.
7. Any reports or records of air quality / air pollution / odour complaints provided to the EPA under the Authorisation.
8. Correspondence, if any, between the period 25 May 2020 to date, between the owner of the Plant and the EPA in respect of compliance or non-compliance with conditions of the Authorisation relating to air emissions, air pollution or odour and changes to conditions of the Authorisation dealing with air emissions, air pollution or odour.
9. Copies of any prevention notices or prohibition orders issued since 25 May 2020 dealing with air emissions, air pollution or odour and documents evidencing compliance with any such notices.

Authority

I am an Information Officer appointed by the Director-General of CMTEDD under section 18 of the Act to deal with access applications made under Part 5 of the Act.

Timeframes

In accordance with section 40 of the Act, CMTEDD is required to provide a decision within 30 working days of the access application being received. Following on from third party consultation, the due date for a decision is now **21 November 2023**.

Decision on access

Searches were completed for relevant documents and ten documents were identified that fall within the scope of your request. This includes documents and email correspondence within scope of points 1-4, 6, and 8 of your request. The business area failed to identify any information within scope of points, 5, 7 and 9 of your request.

I have included as **Attachment A** to this decision the schedule of relevant documents. This provides a description of the documents that fall within the scope of your request and the access decision for each of those documents.

I have decided to grant **partial access** to six documents relevant to your request and **refuse access** to four documents as I consider them to contain information that would, on balance, be contrary to the public interest to disclose under the test set out in section 17 of the Act.

My access decisions are detailed further in the following statement of reasons and the documents released to you are provided as **Attachments B** to this letter.

In accordance with section 54(2) of the Act a statement of reasons outlining my decisions is below.

Statement of Reasons

In reaching my access decisions, I have taken the following into account:

- the Act;
- the scope of your requested information;
- third party consultation;
- the content of the documents that fall within the scope of your request.

Exemptions claimed

My reasons for deciding not to grant access to the identified documents and components of these documents are as follows:

Information that would, on balance, be contrary to the public interest to disclose under the test set out in section 17 of the Act

Public Interest

The Act has a presumption in favour of disclosure. As a decision maker I am required to decide where, on balance, public interest lies. As part of this process, I must consider factors favouring disclosure and nondisclosure.

In *Hogan v Hinch* (2011) 243 CLR 506, [31] French CJ stated that when 'used in a statute, the term [public interest] derives its content from "the subject matter and the scope and purpose" of the enactment in which it appears'. Section 17(1) of the Act sets out the test,

to be applied to determine whether disclosure of information would be contrary to the public interest. These factors are found in subsection 17(2) and Schedule 2 of the Act.

Taking into consideration the information contained in the documents found to be within the scope of your request, I have identified that the following public interest factors are relevant to determine if release of the information contained within these documents is within the 'public interest'.

Factors favouring disclosure in the public interest:

(a) *disclosure of the information could reasonably be expected to do any of the following:*

(iii) inform the community of the government's operations, including the policies, guidelines and codes of conduct followed by the government in its dealings with members of the community.

(viii) reveal the reason for a government decision and any background or contextual information that informed the decision.

(xiii) contribute to the administration of justice generally, including procedural fairness.

I have placed substantial weight on the above factors favouring disclosure. The release of this information can reasonably be expected to provide some background and context into the administration and decision-making process relating to the operation of an asphalt process plant, and the handling of complaints from the community.

I am satisfied that these factors favouring disclosure carry some weight. However, these factors are to be balanced against the factors favouring nondisclosure.

Factors favouring nondisclosure in the public interest:

(a) *disclosure of the information could reasonably be expected to do any of the following:*

(ii) prejudice the protection of an individual's right to privacy or any other right under the Human Rights Act 2004.

(ix) prejudice the flow of information to the police or another law enforcement or regulatory agency.

(xi) prejudice trade secrets, business affairs or research of an agency or person.

Having reviewed the documents, I consider the protection of an individual's right to privacy is a significant factor. I place significant weight on the right to privacy of employees of Capital Asphalt, and their right to have their personal information protected. I have decided that their right to privacy in relation to their personal information has a higher weighting not to disclose, than the public interest has in disclosing this information. Whilst I note that details of the business operating the asphalt plant in question, are known to you, I am also of the view that disclosure of employee names and contact information could prejudice their individual rights to privacy under the *Human Rights Act 2004*. This reasoning has also been applied to the privacy and security of information relating to other third parties engaged in works with Capital Asphalt.

Schedule 2 section 2.2(a)(xi) allows for government information to be withheld from release if disclosure of the information could reasonably be expected to prejudice the trade secrets, business affairs or research of an agency or person. I note that the disclosure of a large quantity of the documents in scope, could potentially cause damage to the business' reputation and impact the competitive commercial activities of the business. These materials contain information about their business and internal

processes, procedures, risk management plans, and responses to compliance activities. This is a serious issue and I weight this provision substantially.

The Act provides under Schedule 2 section 2.2 (ix) that information can be withheld if disclosure could prejudice the flow of information to a regulatory entity. Businesses working with Access Canberra have the right to expect that their business affairs will not be prejudiced by participating in regulatory activities in cooperation with a government agency. Businesses provide their information to government authorities and entities in good faith and if confidentiality is not maintained businesses may be prejudiced and be less willing to participate in future exercises. While a concern, I weight this provision moderately.

Having applied the test outlined in section 17 of the Act and deciding that release of some of the information contained in the documents is not in the public interest to release, I have chosen to redact this specific information in accordance with section 50(2). Noting the pro-disclosure intent of the Act, I am satisfied that redacting only the information that I believe is not in the public interest to release will ensure that the intent of the Act is met and will provide you with access to the majority of the information held by CMTEDD within the scope of your request.

Charges

Processing charges for this request have been waived.

Disclosure Log

Under section 28 of the Act, CMTEDD maintains an online record of access applications called a disclosure log. Your original access application and my decision **will be published** on the CMTEDD disclosure log. Your personal contact details will not be published. You may view CMTEDD disclosure log at

<https://www.cmtedd.act.gov.au/functions/foi/disclosure-log-2023>

Ombudsman Review

My decision on your access request is a reviewable decision as identified in Schedule 3 of the Act. You have the right to seek Ombudsman review of this outcome under section 73 of the Act within 20 working days from the day of my decision, or a longer period allowed by the Ombudsman.

We recommend using this form [Applying for an Ombudsman Review](#) to ensure you provide all of the required information. Alternatively, you may write to the Ombudsman:

The ACT Ombudsman
GPO Box 442
CANBERRA ACT 2601

Via email: actfoi@ombudsman.gov.au

ACT Civil and Administrative Tribunal (ACAT) Review

Under section 84 of the Act, if a decision is made under section 82(1) on an Ombudsman review, you may apply to the ACAT for review of the Ombudsman decision. Further information may be obtained from the ACAT:

ACT Civil and Administrative Tribunal

GPO Box 370

CANBERRA ACT 2601

Telephone: (02) 6207 1740

<http://www.acat.act.gov.au/>

Should you have any queries in relation to your request please contact the CMTEDD FOI team by telephone on 6207 7754 or email CMTEDDFOI@act.gov.au.

Yours sincerely,



Emma Hotham

Information Officer

Chief Minister, Treasury and Economic Development Directorate

20 November 2023



ACT
Government

Chief Minister, Treasury and
Economic Development

FREEDOM OF INFORMATION REQUEST SCHEDULE

WHAT ARE THE PARAMETERS OF THE REQUEST	Reference NO.
	CMTEDDFOI 2023-333

Ref No	Page number	Description	Date	Status	Reason for Exemption	Online Release Status
1	1-14	Air Quality Impact Assessment	30 July 2020	Exempt	Sch 2 s2.2 (a)(ix) Sch 2 s2.2 (a)(xi) Sch 2 s2.2 (a)(ii)	No
2	15-17	Application for EA	22 September 2020	Partial	Sch 2 s2.2 (a)(ii) Sch 2 s2.2 (a)(xi)	Yes
3	18-20	Internal Minute for Grant	December 2020	Partial	Sch 2 s2.2 (a)(ix) Sch 2 s2.2 (a)(xi)	Yes

4	21-30	EA Grant	December 2020	Partial	Sch 2 s2.2 (a)(ii)	Yes
5	31-32	Notice of EA Application	September 2020	Partial	Sch 2 s2.2 (a)(ii)	Yes
6	33	Notice of EA Application	December 2020	Partial	Sch 2 s2.2 (a)(ii)	Yes
7	34-68	Environmental Management Plan	February 2022	Exempt	Sch 2 s2.2 (a)(ix) Sch 2 s2.2 (a)(xi) Sch 2 s2.2 (a)(ii)	No
8	69-82	Email correspondence – various	Various	Partial	Sch 2 s2.2 (a)(ii) Sch 2 s2.2 (a)(xi)	Yes
9	83-92	Emission Testing Report	January 2023	Exempt	Sch 2 s2.2 (a)(ix) Sch 2 s2.2 (a)(xi) Sch 2 s2.2 (a)(ii)	No
10	92-102	Emission Testing Report	December 2021	Exempt	Sch 2 s2.2 (a)(ix) Sch 2 s2.2 (a)(xi) Sch 2 s2.2 (a)(ii)	No
Total No of Docs						
10						

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)



Application for an Environmental Authorisation - receipt

Your submission has been successful. Please keep a copy of this receipt for your records. This transaction will appear on your statement as ACCESS CBR INTERNET CANBERRA

Date and time	Reference code	Payment receipt number	Total amount paid
22 Sep 2020 5:23:29 PM	5R5H4PK6	2783511886	\$ 1,928.60

Environmental Protection Authority
16 479 763 216

GPO Box 158
Canberra City ACT 2601

Phone: 13 22 81

Applicant details

Is the Authorisation to be held in the name of *

an individual(s) a business/company

Business/company name *

Southern Asphalt Services Pty Ltd

Enter an ABN or ACN: *

ABN (Australian Business Number)

71610642058

ACN (Australian Company Number)

610642058

Business or trading name (If different)

Southern Asphalt Services Pty Ltd

Contact person

Sch 2.2(a)(ii)

Address line 1 *

5 PASPALEY ST

Address line 2

Suburb *

HUME

State *

ACT

Postcode *

2620

Postal address

Same as registered company address

Address line 1 *

PO BOX 208

Address line 2

Suburb *

HALL

State *

ACT

Postcode *

2618

Company contact details

Enter at least one phone number: *

Home phone number

Work phone number

Mobile number

Sch 2.2(a)(ii)}

Sch 2.2(a)(ii)}

Email address *

Sch 2.2(a)(ii)}@capitalasphalt.com.au

Activity details

Activity 1

Which Environmental Authorisation are you applying for? *

42 - Production of road building materials (Activity 42)

Suburb *

HUME

Section *

22

Block *

67

Unit

Floor

If you are not the lessee (owner) this application must be accompanied with written consent from the lessee. Written consent is required from the Territory if the land is unleased Territory land; or from the Commonwealth if the land is unleased National land.

Are you the owner of the block? *

Sch 2.2(a)(xi)

The activity and other information

Other information about activity

The operation of an asphalt batch plant.

Have the owners or directors of the business entity been convicted of an offence against the Act or a corresponding law in other jurisdictions in the last 10 years? *

Sch 2.2(a)(xi)

If you believe some or all of the information you supply to the Environmental Protection Authority could reveal a trade secret or adversely affect a person's lawful business activities, you may apply under Section 21 of the Act for that information not to be made available for public inspection.

Do you want to apply for information to be excluded from public inspection? *

Sch 2.2(a)(xi)

Declaration

I declare that, all the matters pertaining to my application are true and correct and I agree to comply with the authorisation conditions. *

Payment amount

\$	1,928.60
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Date 14 December 2020 EA No. 1247

To Narelle Sargent, Environment Protection Authority

From Rodney Dix, Assistant Director Environment Protection Sch 2.2(a)(ii) 15/12/20
David Power, Assistant Director Environmental Quality Agree DP 15/12/20

Subject Grant Environmental Authorisation No. 1247 to Southern Asphalt Production Pty Ltd

Critical date and reason

1. Routine.

Recommendations

2. That you:
 - grant Environmental Authorisation No. 1247

Narelle Sargent..... Sch 2.2(a)(ii) 15/ 12 /2020

~~AGREED/NOT AGREED/NOTED/PLEASE DISCUSS~~

Background

3. Southern Asphalt Production Pty Ltd has applied for an Environmental Authorisation (EA No. 1247) for the production of road building materials by the mixing of ground rock aggregate and bituminous materials at a production facility that is designed to produce more than 30,000t of road building materials per year on Block 67, Section 22, Hume.

Issues

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Consultation

13. A public notice was placed on the 'All Public Notices' page on the ACT Government Open Government website at the time of application for EA No. 1246.
14. Applications closed on the 20 October 2020 and no comments were received by the EPA.
15. A draft Environmental Authorisation was sent to Southern Asphalt Production Pty Ltd on 4 November 2020. Finalised comments were received from Southern Asphalt Production Pty Ltd on 8 December 2020 and have been incorporated into the Environmental Authorisation.
16. The Environmental Quality Team has provided input into the draft EA.

Work Health and Safety

17. Nil.

Financial

18. The application fee has been paid.

Risks/ Sensitivities

19. Nil.

Media

20. Nil.

Sch 2.2(a)(ii)

Action Officer: Sara McIntyre
Environment Protection Officer
Phone: 02 6207 2144



AUSTRALIAN CAPITAL TERRITORY

ENVIRONMENTAL AUTHORISATION UNDER THE ENVIRONMENT PROTECTION ACT 1997

The Environment Protection Authority (the Authority), pursuant to section 49(1)(a) of the *Environment Protection Act 1997* (the Act), hereby authorises:

Name: **Southern Asphalt Production Pty Ltd**
ABN: **64 639 561 943**
ACN: **639 561 943**
Street: **5 Paspaley Street**
Suburb: **Hume**
Postcode: **2620**

To conduct: **The production of road building materials by the mixing of ground rock aggregate and bituminous materials at a production facility that:**
(a) is, or is intended to be, located at the one site for more than 1 year; and
(b) is designed to produce more than 30,000t of road building materials per year

On: Block: **67**
Section: **22**
Suburb: **Hume**

The authorisation is valid for an unlimited period or until surrendered by **Southern Asphalt Production Pty Ltd** or cancelled or suspended by the Authority.

This is a **standard** environmental authorisation.

Sch 2.2(a)(ii)
Environment Protection Authority

Dated: 15 December 2020

SCHEDULE 1: GENERAL CONDITIONS

Definitions

Controlled Waste: as defined in the *National Environment Protection Measure (Movement of Controlled Waste between States and Territories) Measure*.

Environmental nuisance: as defined in the *Environment Protection Act 1997*.

Operation: operation includes crushing, grinding, separation of materials, loading and unloading, and delivery of materials.

Plant and Equipment: includes drainage systems, infrastructure and pollution control equipment associated with the delivery, storage and dispensing of petroleum products.

Regulated Waste: as defined in Schedule 1, Section 1.1A of the *Environment Protection Act 1997*.

Site: Block 67, Section 22, Hume

Stormwater Improvement Device: a device capable of meeting the specifications for Class 1 separators outlined in BS EN 858-1 Separator systems for light liquids (e.g. oil and petrol) – Part 1: Principles of product design, performance and testing, marking and quality control.

Stormwater System: as defined in Schedule 1, Section 1.1 of the *Environment Protection Act 1997*.

Waterway: as defined in Schedule 1, Section 1.1 of the *Environment Protection Act 1997*.

Working day: a day other than a Saturday, or Sunday, a public holiday or a day that is a holiday for public servants.

1. Compliance with Environmental Authorisation

The Authorisation holder shall:

- (a) comply with any authorisation condition immediately where no time for compliance is stated; and
- (b) notify the Authority in writing within 2 working days of becoming aware of:
 - i. any event that causes, or is likely to cause, any authorisation condition to be exceeded; or
 - ii. any monitoring data that show that a condition of the authorisation has been exceeded.

2. Activities must be carried out to protect the environment

- 2.1 All activities carried out on the site shall be carried out in such a manner that adverse impact on the environment is minimised.

3. Maintenance of plant and equipment

- 3.1 All plant and equipment installed or used in or on the site shall be maintained in a safe and good condition and in accordance with manufacturer's recommendations.

- 3.2 Records of all maintenance and repairs performed on pollution control equipment including air/carbon filtration systems, drainage systems, interceptors, separators and infrastructure shall be kept for a period of 2 years and made available to the Authority on request.

4. Environmental Practices

- 4.1 The Authorisation holder shall minimise emissions to the environment by adopting the practises set out in **Schedule 2**.

5. Compliance with Australian Standards, Industry Codes of Practice and Policies

- 5.1 The Authorisation holder shall comply with the provisions of the following Australian Standards, Guidelines, Industry Codes of Practice and policies provided such provisions are not in conflict with the conditions in this Authorisation, and the provisions of any policies made by the Authority.

- Environmental Guidelines for Petroleum Storage in the ACT, Environment Protection Authority, June 2019.
- AS 1940 – The Storage and Handling of Flammable and Combustible Liquids, Standards Association of Australia.
- AS 4282 - Control of the obtrusive effects of outdoor lighting.
- AS/NZS 5667.1 - Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples.
- Environment Protection Policies prepared under the *Environment Protection Act 1997*.

6. Fuel Storage

- 6.1 Where there are fuel storage tanks on the site the Authorisation holder shall ensure the tanks and associated pipe work are maintained in good condition. The proposed method of demonstrating the integrity of the tanks and associated pipe should be incorporated into the Authorisation holders Environment Management Plan required under section 17 of this Schedule.

- 6.2 Further to the provisions of clause 6.1, special requirements are applied to the abandonment of any aboveground or underground tanks and should the need arise, the Authorisation holder agrees to contact the Authority and Access Canberra Dangerous Substances Licensing on 13 22 81 or email to: dangeroussubstances@act.gov.au.

7. Reporting of environmental harm

- 7.1 In the event that an incident has caused, is causing or is likely to cause material or serious environmental harm, whether the harm occurs on or off the site, the Authorisation holder, their employee or agent shall report the incident to the Authority immediately after it becomes known to the Authorisation holder or to their employee or agent in accordance with clause 7.2.

- 7.2 The incident shall be reported to the Authority by telephoning Access Canberra on 13 22 81 during and outside business hours.
- 7.3 The Authorisation holder shall notify the Authority in accordance with clause 7.2 immediately after becoming aware that land is contaminated in such a way as to present, or to be likely to present –
- a) a significant risk of harm to human health: or
 - b) a risk of material environmental harm or serious environmental harm

For the purposes of this section, the presence of phase separated hydrocarbon in groundwater constitutes material or serious environmental harm.

- 7.4 The Authorisation holder, their employee or agent shall also report an incident referred to in clause 7.1 and/or clause 7.3, in writing to the Authority within 2 working days of the incident occurring or becoming aware of contamination of land. The report must include:
- a) incident or activity that has caused contamination or environmental harm;
 - b) nature of contamination and chemicals of concern;
 - a) area affected (on or off site);
 - b) aspects of the environment affected;
 - c) any planned assessment or remediation; and
 - d) any other relevant information.

The report may be provided by email to environment.protection@act.gov.au

- 7.5 The Authorisation holder shall keep a record of all other matters in relation to pollution from, or on, the site.

8. Record of pollution complaints

- 8.1 The Authorisation holder shall keep a legible record of all complaints received by its employees or its agents, in relation to pollution associated with activities on the site. This record is to be provided, on request, to the Authority and must be kept for a period of 5 years.

9. Record of activity levels

- 9.1 The Authorisation holder shall maintain the following records:
- a) annual production quantity of bituminous road building material.

10. Records to be maintained

- 10.1 The following records will be maintained and kept by the Authorisation holder for a period of five years:
- a) field sampling record sheets and chain-of-custody forms;
 - b) results of monitoring of soils and groundwater; and
 - c) reconciliation records for all fuels, oils and hazardous materials and wastes utilised and stored on site.

- 10.2 The following records will be maintained and kept by the Authorisation holder for a period of one (1) year:
- a) waste disposal certificates for any regulated or controlled wastes disposed off-site.
 - b) waste disposal certificates for any hazardous wastes disposed off-site.

11. Responsible employees

- 11.1 The Authorisation holder shall authorise at least two senior employees or agents:
- a) to speak on behalf of the Authorisation holder; and
 - b) to provide any information or document required under this Authorisation.
- 11.2 The Authorisation holder shall inform the Authority of the names and telephone numbers (including after-hours numbers) of those persons within five (5) working days of this Authorisation coming into force. The details may be provided by email to environment.protection@act.gov.au
- 11.3 The Authorisation holder shall inform the Authority of any change in the information provided under clause 11.2 within five (5) working days of the change. The details may be provided by email to environment.protection@act.gov.au
- 11.4 Any person nominated by the Authorisation holder to meet the requirements of clause 11.2 shall be readily contactable on the person's nominated telephone numbers.

12. Authorisation shall be kept on site

- 12.1 A copy of this Authorisation shall be kept at the site and shall be available for inspection by any employee or agent of the Authorisation holder working at the site.

13. Waste

- 13.1 No waste material is to be incinerated on site.
- 13.2 The Authorisation holder shall use licensed waste transporters to transport "controlled/regulated wastes" as defined in the *Environment Protection Act 1997* and the Environment Protection Regulation 2005. Information on Controlled Waste handling and transport can be obtained from the Authority on 13 22 81.

14. Hazardous Materials

- 14.1 The Authorisation holder shall store and manage hazardous materials in a manner that prevents adverse impacts on the environment. The handling and storage of hazardous materials should be addressed in the Environment Management Plan required under Section 17 of this Schedule.

15. Discharge of stormwater

- 15.1 The Authorisation holder shall ensure that appropriate infrastructure is in place and maintained in good operating conditions to ensure that storm water is not contaminated as a result of the authorised activity.
- 15.2 The Authorisation holder shall not discharge any contaminants, directly or in-directly to land or surface waters as a result of the authorised activity unless in accordance with Schedule 2, Table 2.

16. New designs and innovations

- 16.1 The provisions of this Authorisation are not intended to limit the appropriate use of alternative materials, equipment, designs, or methods because they are not included.

17. Environment Management Plan

- 17.1 The Authorisation holder must prepare and submit an Environment Management Plan (EMP) acceptable to the Authority prior to operations commencing on site.
- 17.2 The EMP should identify all activities that may have an adverse impact on the environment or the potential to cause environmental harm, and detail the mechanisms employed to prevent or minimise the impact of these activities. If required, the ways in which the conduct of the activity will be altered to minimise or reduce the adverse environmental impact of the activity is to be detailed including a timetable for implementation.
- 17.3 The EMP, once accepted by the Authority is to be implemented. It will also form the basis for future Authorisation conditions and environmental improvements.
- 17.4 A copy of the EMP must be kept on the site.
- 17.5 Where the mechanisms employed to prevent or minimise the adverse environmental impacts of the activity or the way in which the activity is carried out varies substantially from that detailed in the endorsed EMP, a revised EMP must be submitted.

18. Monitoring Requirements

- 18.1 Annual Emission Monitoring
 - (a) Annual air monitoring on the asphalt plant emissions during normal commercial production shall be carried out in accordance with Schedule 2, Table 1, Conditions 1 and 2.
 - (b) The first annual stack test must be undertaken within one (1) month of the commercial production of asphalt. Subsequent annual testing is to be undertaken within a one month period from the date of the initial monitoring.

18.2 Surface Water Monitoring

- (a) Discharge to the stormwater system from the stormwater improvement device shall be monitored biannually for the parameters set out in Schedule 2, Table 2, Condition 2.

19. Air Quality Standards

- 19.1 Air quality from the asphalt plant shall be managed within the limits for the parameters as specified in Schedule 2, Table 1, Condition 1.

20. Reporting Requirements

- 20.1 A copy of the results of the annual stack emission monitoring must be forwarded to the Authority within four (4) weeks of sampling. If the results will not be available within four week the Authorisation holder is to advise the Authority in writing when the results are expected and the reason for the delay.
- 20.2 A copy of the surface water monitoring results must be forwarded to the Authority within 10 working days of receiving the results.
- 20.3 Monitoring results may be provided to the Authority by emailed to environment.protection@act.gov.au.

21. Sampling Requirements

- 21.1 All sample collection, analysis and associated paperwork under this Authorisation shall be conducted in accordance with Australian Standard/New Zealand Standard 5667.1:1998, *“Guidance on the design of sampling programs, sampling techniques and the preservation and handling of samples”*, and with the American Public Health Association, American Water Works Association, and the Water Pollution Control Federation *Standard Methods for the Examination of Water and Wastewater*, 18th Edition, 1989, or other standards and methods agreed to by the Authority.
- 21.2 The sample collection shall be undertaken and documented by a suitably qualified person in accordance with clause 21.1. All required documentation shall be countersigned by a person authorised under clause 11.1 and shall be made available for inspection by the Authority. Sample analysis of parameters shall be conducted by a person employed as an analyst in any of the following organisations:
 - a) a Government laboratory;
 - b) an Australian university;
 - c) a laboratory where Authorisation parameters are accredited by the National Association of Testing Authorities; or
 - d) a laboratory approved by the Authority.

22. Provision of records

- 22.1 The Authorisation holder must provide any records required to be maintained under this Authorisation to the Authority upon request.

SCHEDULE 2

TABLE 1: AIR POLLUTION

Requirement									
1	<p>The operations at the site shall be managed to ensure that emissions from the asphalt plant do not exceed the following standards:</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>Solid particles (total)</td> <td>50 mg/Nm³</td> </tr> <tr> <td>Nitrogen dioxide</td> <td>350 mg/Nm³</td> </tr> <tr> <td>Volatile organic compounds (VOCs), as n-propane</td> <td>40 mg/Nm³</td> </tr> </tbody> </table>	Parameter	Criteria	Solid particles (total)	50 mg/Nm ³	Nitrogen dioxide	350 mg/Nm ³	Volatile organic compounds (VOCs), as n-propane	40 mg/Nm ³
Parameter	Criteria								
Solid particles (total)	50 mg/Nm ³								
Nitrogen dioxide	350 mg/Nm ³								
Volatile organic compounds (VOCs), as n-propane	40 mg/Nm ³								
2	<p>For the purpose of assessment, monitoring shall be carried out in accordance with the New South Wales Protection of the Environment Operations (Clean Air) Regulation 2010, Schedule 5.</p> <p>The atmospheric emission points that require monitoring are: Point 1 – Dryer Stack (post-baghouse)</p>								
3	<p>The plant load out area must have suction fans installed and operating to capture emissions during loading operations. Vehicles are not to leave the load out area until they are tarped.</p>								
4	<p>Vehicles carrying loads containing material which may become wind blown or spilt must be covered.</p>								
5	<p>Dust emissions from sealed roads, disturbed areas, stockpiles and machinery must be controlled to prevent environmental harm.</p>								
6	<p>Material storage bins/bunkers are to be confined on three sides, excluding Reclaimed Asphalt Production (RAP).</p>								
7	<p>Bitumen storage tank(s) are to be vented through a charcoal vapour trap.</p>								
8	<p>Venting vapours must not impact adjoining premises.</p>								
9	<p>Take practical measures to ensure that the vents of petroleum (diesel) storage tank(s) are not blocked.</p>								

TABLE 2: WATER POLLUTION

Requirement											
1	Water catchment on the site must be managed to ensure that all run off from the asphalt plant and other waste generating activities is treated by a stormwater improvement device prior to leaving the site.										
2	<p>Discharges from the stormwater improvement device to the stormwater system are only permitted when the water quality meets the standards detailed below for pH, oil and grease and suspended solids or turbidity.</p> <p style="text-align: center;">Water Quality Standards</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Parameter</th> <th>Criteria</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>6 – 9</td> </tr> <tr> <td>Suspended solids</td> <td><25mg/L</td> </tr> <tr> <td>Turbidity</td> <td><30 NTU</td> </tr> <tr> <td>Oil and Grease</td> <td><10mg/L</td> </tr> </tbody> </table>	Parameter	Criteria	pH	6 – 9	Suspended solids	<25mg/L	Turbidity	<30 NTU	Oil and Grease	<10mg/L
Parameter	Criteria										
pH	6 – 9										
Suspended solids	<25mg/L										
Turbidity	<30 NTU										
Oil and Grease	<10mg/L										
3	The stormwater improvement device must be maintained in accordance with the manufacturer’s specifications.										
4	Underground petroleum storage tanks are not permitted.										
5	Aboveground petroleum storage tanks must be installed in accordance with the <i>Environmental Guidelines for Petroleum Storage in the ACT, Environment Protection Authority, June 2019</i> .										
6	Appropriate spill kits must be kept on site and be readily accessible.										

TABLE 3: HAZARDOUS MATERIALS/WASTE

Requirement	
1	The storage of chemicals, fuels, oils, solvents, emulsions and additives must be contained within a bunded area at least 110% of the total capacity of the largest vessel.
2	Spills within the bunded area must be recovered, removed and disposed to a suitable licensed facility.

Australian Capital Territory

Environment Protection (Environmental Authorisation Application) Notice 2020 (No 12)

Register No E48-20

Notifiable instrument NI2020–629

made under the

Environment Protection Act 1997, s 48(1) (Consultation on application for Environmental Authorisation)

1 Name of instrument

This instrument is the *Environment Protection (Environmental Authorisation Application) Notice 2020 (No 12)*.

2 Commencement

This instrument commences on the day after notification.

3 Notification

The Environment Protection Authority has received an application for an Environmental Authorisation from the following business:

Business	Brief Description of Activity and Location
Southern Asphalt Services Pty Ltd	A facility designed for the production of bitumous road building materials – Block 67 Section 22 Hume ACT.

A copy of the Application is available for public inspection on the Access Canberra website at

http://www.environment.act.gov.au/environment/epa_search

Any person who wishes to make a written submission to the Environment Protection Authority concerning the above application may do so by no later than 21 October 2020.

Submissions should be addressed to: Environment Protection Authority
environment.protection@act.gov.au.

Sch 2.2(a)(ii)

Narelle Sargent
Environment Protection Authority
24 September 2020

Environment Protection (Environmental Authorisation Grant) Notice 2020 (No 22)

Register No E70-20

Notifiable instrument NI2020 – 835

made under the

Environment Protection Act 1997, s 50 (Notification of grant) and s 19 (Inspection of documents)

1 Name of instrument

This instrument is the *Environment Protection (Environmental Authorisation Grant) Notice 2020 (No 22)*.

2 Commencement

This instrument commences on the day after notification.

3 Grant

The Environment Protection Authority has granted an Environmental Authorisation to the following business.

Business	Authorisation Number	Brief Description of Activity and Location
Southern Asphalt Production Pty Ltd	1247	A facility designed for the production of bituminous road building materials – Block 67 Section 22 Hume ACT.

This instrument expires on **21 February 2021**.

4 Inspection of Documents

An electronic copy of the Authorisation is available for public inspection on the Access Canberra website at

http://www.environment.act.gov.au/environment/epa_search.

Sch 2.2(a)(ii)

Narelle Sargent
Environment Protection Authority
22 December 2020

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

From: "McIntyre, Sara"
Sent: 15/07/2021 2:22 PM
To: Sch 2.2(a)(ii) >
Subject: FW: EA: 1247 - Section 22, Block 67 - Initial Testing

OFFICIAL

Hi Sch 2.2(a)(ii)

I hope you are well.

Happy to grant an extension to 20 August due to current travel restrictions. We can then look at whether another extension is needed closer to this date if restrictions are still in place.

Kind regards,

Sara McIntyre | Environment Protection Officer | Office of the Environment Protection Authority

Phone: 02 6207 2144 | Mobile: Sch 2.2(a)(ii) | email: sara.mcintyre@act.gov.au

Construction, Utilities and Environment Protection | Access Canberra | ACT Government

480 Northbourne Avenue, Dickson | GPO BOX 158 | CANBERRA ACT 2601 | www.accesscanberra.act.gov.au

Please note that my work hours are Monday to Friday, 9.30 am to 2.30 pm.

From: Sch 2.2(a)(ii) >
Sent: Thursday, 15 July 2021 1:14 PM
To: Environment Protection <Environment.Protection@act.gov.au>
Subject: EA: 1247 - Section 22, Block 67 - Initial Testing

CAUTION: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe.

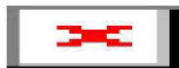
Hi EPA,

I have just been advised that our environmental consultants cannot enter the ACT until early August to conduct the initial site testing of our asphalt production facility.

Our EA requires it by the end of July.

Can you please confirm a relaxation for the initial testing due to the border restrictions due to COVID?

Regards

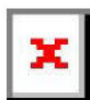
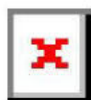


Sch 2.2(a)(ii)

w. www.capitalasphalt.com.au

Southern Asphalt Services Pty Ltd ABN 71 610 642 058

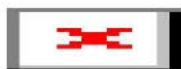
Southern Asphalt Productions Pty Ltd ABN 64 639 561 943



From: Sch 2.2(a)(ii)
Sent: 12/11/2021 11:16 AM
To: "McIntyre, Sara" <Sara.McIntyre@act.gov.au>
Subject: Fwd: Oncoming sampling

CAUTION: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe.

FYI
Regards



Sch 2.2(a)(ii)

www.capitalasphalt.com.au

Southern Asphalt Services Pty Ltd ABN 71 610 642 058
Southern Asphalt Productions Pty Ltd ABN 64 639 561 943



----- Forwarded message -----

From: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Date: Thu, Nov 11, 2021 at 2:46 PM

Subject: RE: Oncoming sampling

To: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Cc:

Hi Sch 2.2(a)(ii),

I hope this email finds you well.

We are organising testing for the 23rd of November. Could you please confirm the date suits you?

I am coming to Canberra next week, I was wondering if we could meet on site to have a quick chat regarding sampling logistics.

Thank you.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Sent: Wednesday, 10 November 2021 12:54 PM

To: Sch 2.2(a)(ii)

Cc: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Subject: RE: Oncoming sampling

Hi Sch 2.2(a)(ii),

Nice to hear from you.

I am working on organising the testing at the moment.

We are aiming for late November or beginning of December to complete the monitoring.

I will keep you informed depending of staff availability.

If you have further questions please do not hesitate to contact me.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: Sch 2.2(a)(ii)

Sent: Tuesday, 9 November 2021 3:02 PM

To: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Cc: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Subject: Re: Oncoming sampling

Hi Team,

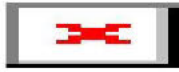
How are we looking at getting this testing completed?

There are currently no restrictions with vaccinated workers entering the ACT.

It would be great to get this completed this month.

Thanks.

Regards



Sch 2.2(a)(ii)

[w. www.capitalasphalt.com.au](http://www.capitalasphalt.com.au)

Southern Asphalt Services Pty Ltd ABN 71 610 642 058
Southern Asphalt Productions Pty Ltd ABN 64 639 561 943



On Tue, Sep 7, 2021 at 9:55 AM [redacted] Sch 2.2(a)(ii), Sch 2.2(a)(xi) wrote:

Hi [redacted],

I hope this email finds you well.

Just following with the emission testing and current COVID situation.

At this stage we will not be able to perform the emission testing this week due to COVID restrictions in both NSW and ACT.

As soon as we can process travelling permits we will proceed immediately to organise testing.

If you have further questions please do not hesitate to contact me.

Thank you.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Sent: Thursday, 5 August 2021 1:05 PM

To: Sch 2.2(a)(ii)

Cc: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Subject: RE: Oncoming sampling

Hi Sch 2.2(a)(ii),

I hope you are doing well.

As previously discussed we won't be able to organise testing this month given that the lockdown in NSW has been extended until the last week of August.

We won't be able to get a permit to perform the emission testing this month, and even if we do it will require 14 days of quarantine for the testing personnel.

As soon as we get a clearer idea of travelling allowances and permits we will proceed immediately to organise testing.

I have tentatively booked testing for the first week of September, providing that there are safe mean to proceed with testing.

If you have further questions please do not hesitate to contact me.

Thank you for understanding.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Sent: Tuesday, 27 July 2021 3:30 PM

To: Sch 2.2(a)(ii)

Cc: Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Subject: FW: Oncoming sampling

Hi [Sch 2.2(a)(ii)],

I hope this email finds you well.

Unfortunately sourcing staff from other cities/territories would be hard due to the current travel restrictions and quarantine orders. Additionally staff availability is strictly limited.

At the moment we can only wait for further advise from the public health authorities.

We are still aiming to proceed with the monitoring for Tuesday the 10th, COVID restrictions permitted.

If you have further concerns please do not hesitate to contact me.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: [Sch 2.2(a)(ii), Sch 2.2(a)(xi)]
Sent: Monday, 26 July 2021 12:37 PM
To: [Sch 2.2(a)(ii)]
Subject: RE: Oncoming sampling

Hi [Sch 2.2(a)(ii)],

Thank you for your email.

I just wanted to know if the date was ok. I am trying to think ahead further/ease actions in terms of travelling restrictions from the different states, in case they have to apply for permits.

I will firstly investigate if the job can be done by staff from other states that have not restrictions for travelling into the ACT.

Unfortunately at the moment the only available staff comes from Wollongong and Sydney.

I will keep you update it.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: Sch 2.2(a)(ii) >
Sent: Monday, 26 July 2021 12:18 PM
To: Sch 2.2(a)(ii), Sch 2.2(a)(xi) >
Subject: Re: Oncoming sampling

Hi Sch 2.2(a)(ii),

I have approval until the 20th of August. Do you think you can have the reporting completed by then?

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

On Mon, Jul 26, 2021 at 12:07 PM [redacted] / Sch 2.2(a)(ii), Sch 2.2(a)(xi) > wrote:

Hi [redacted],

I hope this email finds you well.

I was wondering if you have had any updates from the EPA.

I have schedule sampling for the Tuesday 10th of August, COVID permitted.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

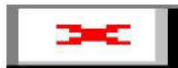
From: Sch 2.2(a)(ii)
Sent: Thursday, 15 July 2021 1:11 PM
To: Sch 2.2(a)(ii), Sch 2.2(a)(xi)
Subject: Re: Oncoming sampling

Hi Sch 2.2(a)(ii),

I will touch base with the EPA to make sure this is acceptable.

See attached photo of the ports on the stack. There is two and they appear to be about 3 inches each.

Regards



Sch 2.2(a)(ii)

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Southern Asphalt Services Pty Ltd ABN 71 610 642 058

Southern Asphalt Productions Pty Ltd ABN 64 639 561 943



On Tue, Jul 13, 2021 at 7:27 PM [Sch 2.2(a)(ii), Sch 2.2(a)(xi)] wrote:

Hi [Sch 2.2(a)(ii)],

I hope this email finds you well.

I tried to contact you today but I was lucky.

Unfortunately, due to COVID restrictions and staff availability, the next available time to perform the stack testing is in the week 9th to 13th of August depending on Covid restrictions. Please advise what day suits you better on that week.

Thank you for facilitating the EWP to perform this job.

Can you please confirm if the stack has 1 port or 2 ports for sampling?

If you have any further questions please do not hesitate to contact me.

Kind regards,

Sch 2.2(a)(ii), Sch 2.2(a)(xi)

From: "Dorji, Tshering"
Sent: 07/08/2023 2:24 PM
To: Sch 2.2(a)(ii) >
Subject: RE: Stack emission and stormwater sampling tests- Southern Asphalt Production Pty Ltd (EA 1247)

OFFICIAL

Hi Sch 2.2(a)(ii),

Thank you for the stack emission test reports for 2021 and 2022.

Can you please ensure that a copy of the annual stack emission result is submitted to the EPA within 4 weeks from the date of sampling and a copy of the surface water monitoring result is submitted within 10 working days after receiving the result in future as per condition 20.1 and 20.2 respectively?

Look forward to receiving the water test report.

Regards,

Tshering Dorji

From: Sch 2.2(a)(ii) >
Sent: Monday, 7 August 2023 1:56 PM
To: Dorji, Tshering <Tshering.Dorji@act.gov.au>
Subject: Re: Stack emission and stormwater sampling tests- Southern Asphalt Production Pty Ltd (EA 1247)

Caution: This email originated from outside of the ACT Government. Do not click links or open attachments unless you recognise the sender and know the content is safe. [Learn why this is important](#)

Hi
Tshering,
Sorry for
the late

reply.

Attached is the results from the stack testing as per Cl. 18.1, 19.1 and 20.1.

I will have the water test reports to you by the end of next week.

Thank you.

Regards

Sch 2.2(a)(ii)

w. www.capitalasphalt.com.au

Southern Asphalt Services Pty Ltd ABN 71 610 642 058
Southern Asphalt Productions Pty Ltd ABN 64 639 561 943

On Mon, Jul 24, 2023 at 4:18 PM Dorji, Tshering <Tshering.Dorji@act.gov.au> wrote:

OFFICIAL

Hi [redacted],

As discussed over the phone, can you please email me the emission tests and stormwater sampling results as required by conditions 18, 19, 20, Table 1 item 1 and Table 2 item 2 of the Environmental Authorisation- 1247 ?

Kind regards

Tshering Dorji | Environment Protection Officer

Phone: +61 02-62072144 | [redacted] | Email: tshering.dorji@act.gov.au

Environment Protection | Access Canberra | ACT Government

Dickson Office Block | 480 Northbourne Avenue Dickson | GPO Box 158 Canberra ACT 2601 |

www.accesscanberra.act.gov.au

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Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi), Sch 2.2(a)(ii)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)

Sch 2.2(a)(ix), Sch 2.2(a)(xi)