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RECEIVED EARTH RESOURCES
REGULATION VICTORIA

DATE: 9.9.14

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Schedule 19: Annual Activity and Expenditure Return

Mineral Resources (Sustainable Development) (Mineral Industries) Regulations 2013 - Regulation 35

Section 1: Mining licence number and operation name: (One licence only per form)

Mining Licence Number MIN 5004
 Operation Name Hazelwood Mine
 Licensee Hazelwood Power Corporation
 Operator (if not licensee)
 Reporting Period 2013/2014

Declaration: To the best of my knowledge and belief the particulars entered on this return and in the attachments are correct and no figures, information or diagrams required under Regulation 35 of the *Mineral Resources (Sustainable Development) (Mineral Industries) Regulations 2013* have been omitted.

Signature:



Date:

4th September 2014

Name: (Block letters)

Stan Kemsley

Job Title:

Manager Technical Compliance - Mine

Telephone

██████████

REPORT

Section 2: Expenditure (Schedule 19, Section 4 to 9)

Wages and Salaries

██████████

Land Access Compensation - Access to land (Private) - Native Title Compensation

-

Expenditure on equipment, plant or machinery

██████████

*Overheads** (should not exceed 20% of the total expenditure)

██████████

Expenditure on rehabilitation

\$123,753

Expenditure on exploration (as distinct from mining) if any; under the following headings:

Office Studies

Nil

Airborne exploration surveys

Nil

| | |
|---|--------------|
| Remote sensing imagery | Nil |
| Ground exploration - mapping, surveying etc... | Nil |
| Expenditure on mining work undertaken. | Nil |
| Drilling | Nil |
| Surface Development - costeaning or bulk sampling | Nil |
| Total expenditure for licence | \$76,399,377 |

*Allowable overhead costs include rent, office supplies, photocopying, tenement management, Aboriginal Heritage Surveys, equipment maintenance, accommodation, construction materials, field materials and administrative costs. An acceptable level of overheads should not be more than 20% of the total claim. Accommodation claims should include attaching details eg: period of accommodation, number of people, location of accommodation etc.

Section 3: Production (Schedule 19, Section 10b)

| Specific ore or mineral produced for Period | Total quantity of ore or mineral produced (tonnes, m3, ounces, grams) | Total value of ore or minerals produced (\$000) | Metallic content of production (%) |
|---|---|---|------------------------------------|
| Brown Coal | 16,486,937 | - | N/A |
| | | | |
| | | | |

Important note: if your operation includes more than one title you may choose to complete the following pages of this report using combined data for all titles at your site. If doing so please indicate the title numbers below.

| | | | | |
|----------------|-----|--|--|--|
| Title Numbers: | N/A | | | |
|----------------|-----|--|--|--|

Section 4: Mining Works (Schedule 19, 10a,c,d)

ARE YOUR MINING WORKS IN ACCORDANCE WITH YOUR APPROVED WORK PLAN?

Yes No

4.1 Underground Mining

ARE THERE ANY UNDERGROUND MINE WORKINGS AT THE SITE?

YES Complete this section

NO Go to section 4.2

Details of underground workings

1. Attach a detailed current plan of any underground mine to this report. Plans should clearly indicate dimensions, structural features, access points, ventilation, services and security measures.
2. Provide a description of any shaft or underground development during the reporting period, including the depth or distance developed. (*Attach additional pages if necessary*)

4.2 Surface mine facilities and works

1. Describe any development or extensions to surface mine facilities and works; (Attach additional pages if necessary)
2. If there have been significant changes a scale plan of the site should be attached to clearly indicate developments or extensions to the site over the reporting period. (eg Infrastructure, dams, plant, etc)

As per the Approved Work Plan, development of the Mine has continued to the West. The attached Drawing (LV66/20-1/034) shows the operating face positions for the Mine at the start of July 2013 and end of June 2014

Section 5: Land Disturbance and Land Rehabilitation (Schedule 19, sections 11,a,b,c,d)

5.1 Details of land disturbance and rehabilitation

| | | |
|---|---|------------|
| A | the total current area of land disturbed | 2445 ha |
| The proportion of this area that has been disturbed in relation to each of the following: | | |
| i | Pits | 1181 ha |
| ii | Overburden and waste rock dumps | 823 ha |
| iii | Tailings storage facilities | 47 ha |
| iv | Infrastructure | Nil ha |
| B | Area of land disturbed during the last reporting period | 22.8 ha |
| C | Area rehabilitated over the last reporting period | 7 ha |
| The proportion of this area that has been disturbed in relation to each of the following: | | |
| i | Pits | 7 ha |
| ii | Overburden and waste rock dumps | 0 ha |
| iii | Tailings storage facilities | Nil ha |

| | | |
|----|--|-----------|
| iv | Infrastructure | Nil ha |
| D | Proportion of the area rehabilitated over the reporting period (C above) that was revegetated with local native species: | 0 % |

5.2 Estimate of rehabilitation liability

What is the current bond for the site

\$ 15,000,000

What is the current estimated rehabilitation liability for the site

\$ 850,000

Describe any methods and assumptions used in calculation

The method and assumptions used for calculating the liability for the next reporting period were:

For the July 2014 to December 2014 period the estimate based on scoped works for rehabilitation of the Northern Batters (see Drawing LV66/20-1/053) was \$800,000

For the January 2015 to June 2015 period the estimate is \$50,000 based on minor maintenance and rehabilitation preparation for the remainder of the year.

Thus the total Estimated Liability for the 2014/2015 reporting period is \$850,000

Section 6: Dams and Waste Streams (Schedule 19, section 12a,b)

ARE THERE ANY TAILINGS DAMS WITHIN THE LICENSED AREA?

YES Complete this section

NO Go to section 7

6.1 Tailings Dams

Status and area of tailings dams

| | Operational | Care and maintenance | Partially rehabilitated | Rehabilitated | Totals |
|----------------------------------|-------------|----------------------|-------------------------|---------------|--------|
| Number in each status category | 2 | | | | 2 |
| Total area in each category (ha) | 47 | | | | 47 |

6.2 Volume and composition of tailings produced Section 12a

Please complete and attach a Tailings Storage Data Sheet (separate) for each tailings storage facility at the site.

6.3 Volume and composition of tailings produced Section 12b

Where possible, quantify other significant waste streams generated on-site during the reporting period: (Attach additional pages if necessary).

| Waste Stream | Composition | Quantity | Management measures |
|-----------------------|---------------------------|----------|----------------------------|
| Hazelwood Ash Pond No | Ashing Waste, EPA landf | 19130 | EPA licenced landfill usin |
| Hazelwood Ash Pond No | EPA landfill general wast | 139150 | EPA licenced landfill usin |
| | | | |
| | | | |
| | | | |

Section 7: Environmental Management (Schedule 19, Section 12)

7.1 Environment Monitoring

DO YOUR APPROVED WORK PLAN AND/OR THE ASSOCIATED WORK PLAN CONDITIONS REQUIRE YOU TO CARRY OUT ENVIRONMENTAL MONITORING?

YES Complete this section

NO

Provide a statements outlining whether the licensee has complied with environmental monitoring requirements during the reporting period as outlined under the work plan and conditions, including details of any non-compliances that have not otherwise been reported in accordance with regulation 33 (reportable events).

The MIN 5004 licence has the following requirements Environmental Elements and outputs for the reporting period:

Environmental Review Committee - - conducted quarterly
Dust Monitoring - Target is 4mg/m² - Achieved 2.4g/m²
Dust complaints - Nil
Noise complaints - Nil

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GDF SUEZ HAZELWOOD PO BOX 195, MORWELL, VICTORIA, 3648 AUSTRALIA
 DRG No LV66/20-1/057
 HAZELWOOD MINE
 NORTHERN BATTERS
 2016 PROPOSED REHABILITATION AREA
 PLAN

GDF SUEZ
 ALL RIGHTS RESERVED
 NO PART OF THIS DRAWING MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM GDF SUEZ AUSTRALIA

DRAWN BY: J. DAVIES
 CHECKED DATE: _____
 DESIGNED/PRINTED BY: _____
 APPROVED (RDP SURET) DATE: _____

REMARKS: _____
 DATE: _____ REV: _____
 DRAWING NO: _____
 DESIGN VERIFICATION No: _____

TITLE: _____
 PROJECT: _____
 CLIENT: _____

SHEET NO: _____
 TOTAL SHEETS: _____

SCALE: _____
 DATE: _____

PROJECT NO: _____
 DRAWING NO: _____

CONSULTATION FILE NO: _____
 (OR DRAWING FILE NO)


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Tailings Storage data sheet

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Project Data

License/Work Authority: EPA Date: 4/9/14
 Licensee: Hazelwood Power Corporation
 Operation/Site name: MIN 5004
 TSF name: Hazelwood Ash Pond No 1 (HAP1)
 Location: Hazelwood Mine
 Municipality: Latrobe City
 TSF centre coordinates (GDA94): 5764295N North 447508E East
 Name data provider: Hazelwood Mining
 Telephone: [REDACTED]

TSF Data

TSF Status:

| | | | | |
|---|--------------------|----------------------|------------------------------------|------------------------|
| Proposed | <u>Operational</u> | Care and Maintenance | Part rehabilitated | Rehabilitated |
| Type of TSF ¹ | EPA landfill | | Number of Cells ² | 1 |
| Catchment area ³ | 12 Ha | | Nearest watercourse | Bennets Creek |
| Date deposition started (mm/yy) | 1960's | | Date deposition completed | |
| Tailings discharge method ⁴ | Slurry | | Water recovery method ⁵ | Outside wall pump |
| Bottom of facility sealed or lined? Y/N | Y | | Type of seal or liner ⁶ | Clay |
| Depth to original groundwater level | | m | Original groundwater | mg/1 |
| Ore process ⁷ | Gravity Separation | | Material storage rate ⁸ | 19,130 m ³ |
| IMPOUNDMENT VOLUME: Present | 401,200 | | m ³ Expected maximum | 446,070 m ³ |
| MASS OF SOLIDS STORED: Present | tonnes | | Expected maximum | tonnes |
| Foundation soils | | Wall lifting by | | |
| Foundation rocks | | Upstream | Downstream | Centre line |
| MAX WALL HEIGHT (AGL) ⁹ | Present | 6 | | m Expected |
| CREST LENGTH | Present | 1,380 m | | m Expected max |
| IMPOUNDMENT AREA | Present | 12 Ha | | m Expected max |

Properties of Tailings

| | | | | | |
|---|---------------------------|----------------------------------|--------------------------------|---------------------------|----------------------------------|
| TDS ¹⁰ 8575 | mg/1 | pH 12.2 | | Solids content% | |
| Deposited density | t/m ³ | WAD CN ¹¹ | | Total CN | |
| Chemical Constituents of tailings ¹² | | mg/1 | | mg/1 | |
| Constituent | Solid / Liquid | Conc.(units)¹³ | Constituent | Solid / Liquid | Conc.(units)¹¹ |
| Sulphate | liquid | 4100 mg/l | Al ₂ O ₃ | solid | 9.4% db |
| Sodium | liquid | 2350 mg/l | Fe ₂ O ₃ | solid | 8.6% db |
| Chloride | liquid | 1110 mg/l | MgO | solid | 7.3% db |
| Calcium | liquid | 838 mg/l | SO ₃ | solid | 1.6% db |
| Potassium | liquid | 188 mg/l | TiO ₂ | solid | 0.77% db |
| SiO ₂ | solid | 36.2% db | K ₂ O | solid | 0.46% db |
| CaO | solid | 21.9% db | Na ₂ O | solid | 0.4% db |

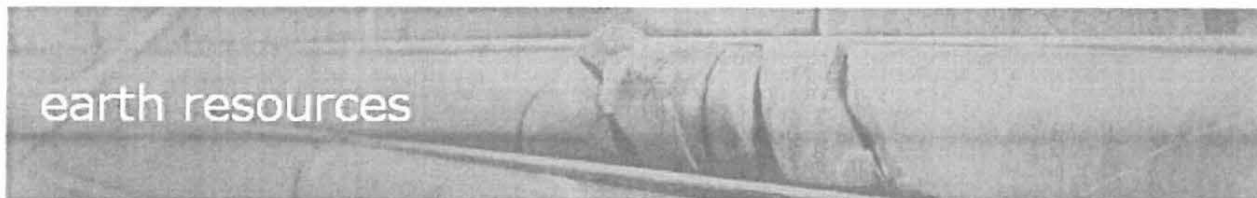
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Tailings Storage data sheet

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Project Data

License/Work Authority: EPA Date: 4/9/14
 Licensee: Hazelwood Power Corporation
 Operation/Site name: MIN5004
 TSF name: Hazelwood Ash Pond No 4 (HAP4)
 Location: Hazelwood Mine
 Municipality: Latrobe City
 TSF centre coordinates (GDA94): 5765100N North 448491E East
 Name data provider: Hazelwood Mine
 Telephone: [REDACTED]

TSF Data

TSF Status:

| | | | | |
|---|--------------------|----------------------|------------------------------------|--------------------------|
| Proposed | Operational | Care and Maintenance | Part rehabilitated | Rehabilitated |
| Type of TSF ¹ | EPA Landfill | | Number of Cells ² | 1 |
| Catchment area ³ | 37.4 Ha | | Nearest watercourse | Bennetts Creek |
| Date deposition started (mm/yy) | 1980 | | Date deposition completed | |
| Tailings discharge method ⁴ | Slurry | | Water recovery method ⁵ | Floating Pump |
| Bottom of facility sealed or lined? Y/N | Y | | Type of seal or liner ⁶ | Clay |
| Depth to original groundwater level | | m | Original groundwater | mg/1 |
| Ore process ⁷ | Gravity Separation | | Material storage rate ⁸ | 139,150 m ³ |
| IMPOUNDMENT VOLUME: Present | 5,930,361 | | m ³ Expected maximum | 7,920,415 m ³ |
| MASS OF SOLIDS STORED: Present | | | Expected maximum | tonnes |
| Foundation soils | Wall lifting by | | | |
| Foundation rocks | Upstream | Downstream | Centre line | |
| MAX WALL HEIGHT (AGL) ⁹ | Present 26 m | | m Expected | m |
| CREST LENGTH | Present 2,267 m | | m Expected max | m |

IMPOUNDMENT AREA Present 32 Ha m Expected max m

Properties of Tailings

TDS¹⁰ 7850 mg/l pH 11.0 Solids content%
 Deposited density t/m³ WAD CN¹¹ Total CN mg/1
 Chemical Constituents of tailings¹²

| Constituent | Solid / Liquid | Conc.(units) ¹³ | Constituent | Solid / Liquid | Conc.(units) ¹¹ |
|--------------------------------|----------------|----------------------------|-------------------|----------------|----------------------------|
| SiO ₂ | solid | 36.2% db | K ₂ O | solid | 0.46% db |
| CaO | solid | 21.9% db | Na ₂ O | solid | 0.4% db |
| Al ₂ O ₃ | solid | 9.4% db | Sulphate | liquid | 4100 mg/l |
| Fe ₂ O ₃ | solid | 8.6% db | Sodium | liquid | 2550 mg/l |
| MgO | solid | 7.3% db | Chloride | liquid | 925 mg/l |
| SO ₃ | solid | 1.6% db | Calcium | liquid | 240 mg/l |
| TiO ₂ | solid | 0.77% db | Potassium | liquid | 228 mg/l |

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