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Ref: C075-IPX-NRY-LE-00223

17 June 2016

Jane Orr
Senior Environmental Officer, Pollution Control
Northern Territory Environment Protection Authority (NT EPA)
GPO BOX 3675
Darwin NT 0801

Dear Jane,

EPA7-3: CONDITION 28: SUBMISSION OF ANNUAL AUDIT AND COMPLIANCE REPORT FOR ONSHORE CONSTRUCTION, BLADIN POINT

In accordance with Condition 28 of Environment Protection Approval 7-3 (EPA7-3), INPEX Operations Australia Pty Ltd (INPEX) is pleased to provide the Northern Territory Environment Protection Authority (NT EPA) with the fourth Annual Audit and Compliance Report (AACR) for Onshore activities at Bladin Point. The AACR is to be provided to the NT EPA by 19 June 2016, as agreed with the NT EPA (your reference EN2011/0234-03~0089). The AACR consists of the completed AACR template as well as:

- Complaints summary (as per EPA7-3 Approval Condition 14)
- Events summary (as per EPA7-3 Approval Condition 15)
- General waste summary (as per EPA7-3 Approval Condition 16)
- Listed waste summary (as per EPA7-3 Approval Condition 17).

Please don't hesitate to contact the undersigned or Pippa Manning, Lead Environmental Advisor, on (08) 8924 3261 or pippa.manning@inpex.com.au should you wish to discuss the outcomes of the Annual Audit and Compliance Report.

Yours sincerely,

Sandy Griffin
Team Lead, Environmental Approvals

Enc: EPA7-3 Annual Audit and Compliance Report
Appendix A: Complaints Summary
Appendix B: Events Summary
Appendix C: Listed Waste Summary
Appendix D: General Waste Summary

EPA7-03 ANNUAL AUDIT AND COMPLIANCE REPORT

ENVIRONMENT PROTECTION APPROVAL

(Pursuant to section 34 of the *Waste Management and Pollution Control Act*)

APPROVAL NO.	EPA7-3
REPORTING PERIOD	20 April 2015 – 19 April 2016

Please email a copy of your completed audit compliance report to pollution@nt.gov.au

1. APPROVAL HOLDER DETAILS

Approval Details

Approval Number: **EPA7-3**
 Commencement Date: 19 April 2012
 Amendment Date(s): 30 October 2012, 28 November 2012, 29 August 2014
 Expiry Date: 19 April 2017.

Approval Holder

Legal Entity Name: Ichthys LNG Pty Ltd
 ABN: 42 150 217 299
 ACN: 150 217 299
 Registered Business Address: Level 22, 100 St Georges Terrace, Perth WA 6000
 Postal Address: Level 22, 100 St Georges Terrace, Perth WA 6000
 Contact Person: Sandy Griffin
 Position Title: Environmental Approvals Coordinator
 Contact Details:
 b/h: (08) 6213 6860
 mobile: 0417 286 356
 email: sandy.griffin@inpex.com.au

Location of Premises

Address: NT Portion 07002, 144 Wickham Point Road, Wickham NT 0822.
 Section 1901 and Section 1896, Hundred of Ayers, Wickham NT 0822.
 1000 Channel Island Rd, Wickham NT, 0822.

24 hour emergency response

Contact Person: Duty Manager
 Telephone Numbers: 0418 237 232

Approved Activity

Constructing, installing and carrying out works in relation to premises for processing hydrocarbons so as to produce, store and despatch liquefied

ENVIRONMENT PROTECTION APPROVAL (EPA7-3)

natural gas or methanol pursuant to Schedule 2, Part 1 (3) of the Act.

Being the activity particularly described in INPEX, Ichthys Project, Ichthys Onshore LNG Facilities Construction Environmental Management Plan (Company document L290-AH-PLN-0059) as revised (subject to approval by the Administering Agency as provided for in this Approval).

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(Pursuant to section 34 of the *Waste Management and Pollution Control Act*)

2. COMPLIANCE WITH APPROVAL CONDITIONS

	ACTION	HOW	EVIDENCE	WHEN	STATUS
	APPROVAL CONDITIONS				
	Administrative				
1.	The Approval Holder must notify the Administering Agency within 24 hours if there are changes to the details of the 24 hour emergency contact as provided on page one of this Approval.	Qualified third person Audit	No changes during audit period.	Ongoing. During third person Audit	Compliant
2.	The Approval Holder must notify the Administering Agency within 14 days if there are changes to the Approval Holder details as provided on page one of this Approval.	Qualified third person Audit	No changes during audit period.	During third person Audit	N/A
3.	The Approval Holder must cause clear and legible signage to be displayed in a prominent location at the primary road entrance to the Location including the following details: 3.1. Environment Protection Approval number issued under the <i>Waste Management and Pollution Control Act</i> , and 3.2. The 24 hour emergency contact details as provided on page one of this Approval or as amended in accordance with this Approval.	Qualified third person Audit	Sign sighted by Auditor at security area displaying 24 hour emergency contact approval number.	Sighted at security area. During third person Audit.	Compliant

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
4.	The Approval Holder must cause a copy of this Approval to be available at all times: 4.1. on the Approval Holder's Australian website; and 4.2. at the Location.	Qualified third person Audit Evidence on Company website	EPA 7-3 viewed onsite. Copies available on-site in offices. http://www.inpex.com.au/our-projects/ichthys-lng-project/ichthyscommitments/approvals-permits/	Auditor viewed on website during third person Audit	Compliant
5.	Where this Approval requires the provision of any notice, document or other correspondence to the Administering Agency, the relevant contact is: Pollution Control Physical Address: Level 2 Darwin Plaza, 41 Smith Street Mall, Darwin NT 0800 Postal Address: GPO Box 3675, DARWIN NT 0801 Email: pollution@nt.gov.au	Qualified third person Audit. Email evidence.	Email from Sandy Griffin to NT EPA Pollution Hotline dated 23rd of October 2015. (pollution@nt.gov.au).	23 October 2015. During third person Audit.	Compliant
6.	All notices, documents or other correspondence required to be provided pursuant to this Approval must be provided in electronic form unless otherwise specified as a condition of this Approval.	Qualified third person Audit.		During third person Audit.	Compliant

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
	Operational				
7.	<p>The Approval Holder must at a minimum:</p> <p>7.1. implement and comply with:</p> <ul style="list-style-type: none"> • INPEX, Ichthys Project, Ichthys Onshore LNG Facilities Construction Environmental Management Plan (Company document number L290-AH-PLN-0059) (CEMP), as revised and approved by the NT EPA; <p>7.2. comply with all applicable laws; and</p> <p>7.3. comply with all permits and approvals issued in relation to the Activity.</p>	Qualified third person Audit.	Refer to risk mitigation evidence tables for detailed assessment against specific CEMP mitigation measures	During third person Audit.	Refer to Table 2-3, CEMP Mitigation Measures in Qualified Person Annual Environmental Audit Report
8.	<p>The Approval Holder must, without limiting any other condition of this Approval, in conducting the Activity, do all things reasonable and practicable to ensure the Activity does not adversely affect the Declared Beneficial Uses and Objectives as declared from time to time, including those applying to:</p> <p>8.1. the Elizabeth-Howard Rivers Region Groundwater; and</p> <p>8.2. the Darwin Harbour Region.</p>	Qualified third person Audit	By undertaking works in compliance with the above documents it is deemed that this condition is met. Any non-compliances or variations from the approved documents have been assessed to ensure that risks remain low and acceptable.	During third person Audit	Compliant
9.	<p>The Approval Holder must cause a copy of the current CEMP to be:</p> <p>9.1. available on the Approval Holder's Australian website; and</p> <p>9.2. provided to the Administering Agency.</p>	<p>Qualified third person Audit.</p> <p>Letter evidence</p> <p>Letter evidence</p> <p>Company website.</p>	<p>CO75 - IPX - NRY - LE - 00207 dated 7 December 2015</p> <p>EN2011/0234-03~0151 dated December 2015.</p>	<p>7 December 2015</p> <p>December 2015</p> <p>During third person Audit.</p>	Compliant

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
10.	<p>The Approval Holder must:</p> <p>10.1 Submit all revisions of the CEMP to the Administering Agency for approval, other than minor revisions involving changes such as typographical changes or revisions to formatting and referencing to other documents; and</p> <p>10.2 Submit a revised copy of the CEMP to the Administering Agency for information, when the revision has incorporated only minor changes, such as typographical or formatting changes or referencing to other documents.</p>	<p>Qualified third person Audit.</p> <p>Letter evidence</p> <p>Letter evidence</p> <p>CEMP</p> <p>Letter evidence</p>	<p>CO75 - IPX - NRY - LE - 00201 dated 4 September 2015 Revision 16.</p> <p>CO75 - IPX - NRY - LE - 00217 Submission of Revised Ichthys Onshore LNG Facilities Construction Environmental Management Plan . 1 April 2016."</p> <p>CO75 - IPX - NRY - LE - 00207 dated 7 December 2015 Revision 17.</p>	<p>4 September 2015</p> <p>1 April 2016</p> <p>7 December 2015</p> <p>During third person Audit.</p>	Compliant
11.	<p>The CEMP must be revised and approved by the Administering Agency prior to commencing any works that are not addressed in an approved CEMP and will or may cause or increase the potential for environmental harm, such as by any increase of emissions or discharges.</p>	<p>Qualified third person Audit.</p> <p>Letter evidence</p> <p>Letter evidence</p> <p>Email evidence</p>	<p>EN2011/0234-03-151. Approval Ichthys Onshore LNG Facilities Construction Env Management Plan Revision 17 18 December 2015</p> <p>EN2011/0234-03-0142 Approval of Ichthys Onshore LNG Facilities Construction Env Management Plan Revision 16 11 November 2015</p> <p>Email dated 6 June 2015 from JKC to Company entitled: <i>Flare pad Risk Assessment</i>.</p>	<p>18 December 2015</p> <p>11 November 2015</p> <p>6 June 2015</p> <p>During third person Audit</p>	Compliant

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
12.	<p>Each revision of the CEMP must:</p> <p>12.1 Address all works that will be conducted prior to approval of the next revision of the CEMP;</p> <p>12.2 Be reviewed and endorsed by a qualified person as meeting the requirements of the <i>Waste Management and Pollution Control Act</i>, prior to submission to the Administering Agency; and</p> <p>12.3 Be submitted to the Administering Agency for review (with a copy of the qualified person's certified review), at least 30 business days prior to implementation, noting the Administering Agency may require the Approval Holder to revise, amend and resubmit the CEMP.</p>	<p>Qualified third person Audit</p> <p>Auditor reviewed Revision 16 and Revision 0</p>	<p>Attached to submission's under 10.1</p>	<p>During third person Audit</p>	<p>Compliant</p>
13.	<p>The Approval Holder must maintain and operate a 24 hour community telephone contact number and must ensure that the telephone number is provided:</p> <p>13.1 in a prominent location on the Approval Holder's Australian website; and</p> <p>13.2 in other publicly available documents relating to the Activity.</p>	<p>Qualified third person Audit</p> <p>Company website</p>	<p>http://www.inpex.com.au/our-projects/</p> <p>http://www.inpex.com.au/our-projects/ichthys-lng-project/ichthyscommitments/environment/environmental-documents/</p>	<p>During third person Audit</p>	<p>Compliant</p>

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
14.	<p>The Approval Holder must maintain a log of all complaints made, in relation to the Activity, to any persons involved in the Activity.</p> <p>The log must include details of the following:</p> <ul style="list-style-type: none"> • the date and time of the complaint; • the contact details of the complainant if known, or where no details are provided a note to that effect; • the nature of the complaint; • the nature of events giving rise to the complaint; • prevailing weather conditions at the time of the complaint; • the action taken in relation to the complaint, including any investigation or follow-up contact with the complainant; and • if no action was taken, why no action was taken. <p>The log must be retained for the duration of this Approval.</p>	<p>Qualified third person Audit.</p> <p>Complaints Register.</p>	<p>EPA 7-3 JKC May 2015 April 2014 Bladin Point. Community Complaints Log.</p>	<p>During third person Audit</p>	<p>Compliant</p>
15.	<p>The Approval Holder must maintain a log of events causing or threatening to cause pollution including, but not limited to, fires, accidental spillages and discharges to Darwin Harbour.</p>	<p>Qualified third person Audit.</p> <p>Myosh System.</p>	<p>MYOSH system</p>	<p>During third person Audit</p>	<p>Compliant</p>

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
16.	The Approval Holder must segregate waste for recycling, reuse or disposal.	Qualified third person Audit. Auditor sighted comingled recycling station. Contractor Monthly Waste Report. Contractor Waste Data Trends. Contractor Waste Disposal Sequence.	Comingled recycling sighted in OPS-1 Area, segregation of wood waste during site visit. East Arm Civil Monthly Waste Report - March 2016 Spreadsheet.xcl (JKC document - subcontractor monthly waste reports). JKC Waste Data Trends 2016. Dated up to Feb 2016. Veolia. Concrete waste disposal sequence 0121. 25 January - TNK1 Area 5.pdf	Site visit. During third person Audit	Observation

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
17.	The Approval Holder must keep records of listed waste in accordance with Regulation 11 of the <i>Waste Management and Pollution Control (Administration) Regulations</i> .	Qualified third person Audit. AACR Spreadsheet. Contractor Waste Dockets. Contractor Listed Waste Tracking Form. Contractor Tip Dockets. Contractor Interstate Waste Tracking Document. Hazardous Materials document. Contractor Waste Docket. Waste Manifest Form. Contractor Waste Transport Con Note NT EPA Waste Transport Certificate.	EPA 7-3 AACR Spreadsheet February 2016. exl. (WST-1 document). 2783_001 2. pdf Waste Dockets. OPS-1 Transpacific Cleanaway. 168991. 2/2/2016. Veolia. INPEX Listed Waste Tracking Form. Listed Waste Register. Excl. updated to Feb 2016. 0030_BLK Tip Dockets 040116-100116.pdf Interstate Waste Tracking - May 2015 to present.xcl (JKC Document). 0025_Hazardous Materials. pdf Veolia Waste Docket 180223. Loads 1 22 October 2015. Waste manifest form - 04.08.2015. Con note - Toll NQX - 217 584 0566 - Waste transport con note NT EPA Waste Transport Cert. 90019827 - Completed Dated 30/10/2015.	February 2016. 2 February 2016. February 2016. May 2015. 4 August 2015. 30 October 2015. During third person Audit	Observation

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
	Environmental Audit(s)				
18.	An annual environmental audit must be undertaken by a qualified person to evaluate compliance with: <ul style="list-style-type: none"> • this Approval; • the <i>Waste Management and Pollution Control Act</i>, and • the <i>Water Act</i>. 	Qualified third person Audits		During third person Audits in 2015 and 2016.	Compliant.
19.	The proposed scope for the environmental audit must be submitted, no later than 20 Business days prior to the proposed commencement date of the environmental audit (which must be specified when the proposed scope is submitted), to the Administering Agency for review and approval.	Qualified third person Audit. Letter evidence.	CO75 - IPX- NRY-LE-00215 dated 26 Feb 2016	26 February 2016. During third person Audit.	Compliant
20.	The environmental audit must not commence until written approval is received from the Administering Agency noting that the Administering Agency may require the Approval Holder to revise, amend or resubmit the proposed scope.	Qualified third person Audit. Letter evidence.	EN2011/0234/03-0172 dated 11 April 2016	11 April 2016. During third person Audit.	Compliant.

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
21.	<p>The environmental audit report must be:</p> <p>21.1 completed within two calendar months of receipt of approval from the Administering Agency unless otherwise agreed;</p> <p>21.2 signed by the qualified person conducting the audit; and</p> <p>21.3 provided in full to the Administering Agency within five Business Days of being signed by the qualified person conducting the audit.</p>	<p>Qualified third person Audit.</p> <p>Letter evidence.</p> <p>Letter evidence.</p> <p>Letter evidence.</p>	<p>CO75-IPX-NRY-LE-00195 dated 19 June 2015</p> <p>EN2011//0234-03-0089 dated 30 March 2015</p> <p>CO75-IPX-NRY-LE-00195 dated 19 June 2015</p>	<p>19 June 2015.</p> <p>30 March 2015.</p> <p>19 June 2015.</p> <p>During third person Audit.</p>	Compliant.
	Monitoring				
22.	<p>The Approval Holder must submit a monitoring plan to assess environmental impacts of the Activity to the Administering Agency by 1 June 2012.</p> <p>The monitoring plan must be:</p> <p>22.1 approved by the Administering Agency, noting that the Administering Agency may require the Approval Holder to revise, amend and/or resubmit the proposed monitoring plan; and</p> <p>22.2 implemented within 10 Business Days, unless otherwise agreed, of receiving written approval of the monitoring plan from the Administering Agency.</p>	<p>Qualified third person Audit.</p>	<p>No change since last year's audit.</p>	<p>During third person Audit.</p>	N/A

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
23.	Any proposed revisions of the monitoring plan must be: 23.1 submitted to the Administering Agency for review; and 23.2 approved by the Administering Agency prior to implementation noting that the Administering Agency may require the Approval Holder to revise, amend and/or resubmit the proposed revision.	Qualified third person Audit.	No change since last year's audit.	During third person Audit.	Compliant.
	Reporting				
24.	The Approval Holder must as soon as practicable, and in any case within 24 hours, after first becoming aware notify the Administering Agency of non-compliances, that are not trivial or negligible, with this Approval.	Qualified third person Audit. Company Environmental Incident Register.	INPEX Environmental Incident Register_onshore only.xcl provided	During third person Audit.	Compliant
25.	Records must be kept of all non-compliances, including those assessed as trivial or negligible, with this Approval.	Qualified third person Audit. Contractor MYOSH System. Contractor Environmental Incidents print-out. Contractor Environmental Hazards print-out. Company Environmental Incident Register.	MYOSH system - LPI - Loss prevention Inspection viewed during site visit. Environmental Incidents - 1 May 2015 to 16 April 2016 - Print out from Myosh viewed during site visit. Environmental Hazards - 1 May 2015 to 16 April 2016 - Print out from Myosh viewed during site visit. INPEX Environmental Incident Register_onshore only.xcl provided	During site visit. 1 May 2015-16 April 2016. 1 May 2015-16 April 2016. During third person Audit.	Compliant

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	ACTION	HOW	EVIDENCE	WHEN	STATUS
26.	The Approval Holder must comply with the requirements of section 14 of the <i>Waste Management and Pollution Control Act</i> .	Qualified third person Audit. Environmental Incident Register.	Environmental Incident Register_Onshore only. Dated 9.12.2015	9 December 2015. During third person Audit.	Compliant.
27.	The Approval Holder must immediately and in any case within 24 hours notify the Administering Agency of any potential or actual environmental harm or pollution by contacting the Pollution Hotline on telephone number 1800 064 567 and emailing pollution@nt.gov.au .	Qualified third person Audit. Email evidence. Email evidence.	Email from Sandy Griffin to NT EPA Pollution Hotline dated 9 of December 2015. (pollution@nt.gov.au). For Hydrotest tank leak GEP date of incident 9 December 2015. Email from Sandy Griffin to NT EPA Pollution Hotline dated 23 of October 2015. (pollution@nt.gov.au). For tridol spill reported to the Approval holder 22 October 2015.	9 December 2015. 23 October 2015. During third person Audit.	Compliant.
28.	The Approval Holder must complete the Annual Audit and Compliance Report (AACR), Appendix 1, and provide to the Administering Agency within two calendar months of the anniversary of the commencement date of this Approval for each year of the Approval unless otherwise agreed.	Qualified third person Audit. Letter evidence.	CO75 - IPX - NRY - LE - 00194 - Dated 19 June 2015.	19 June 2015. During third person Audit.	Compliant.
29.	The Approval Holder must submit a monitoring report to the Administering Agency within two calendar months of the anniversary of the commencement date of this Approval for each year of the Approval unless otherwise agreed. The monitoring report must: 29.1 include but is not limited to a trend analysis and interpretation of analytical data collected as a condition of this Approval; and 29.2 be made available on the Approval Holder's Australian website.	Qualified third person Audit. Letter evidence. Letter evidence. Report evidence. Company Website	EN2011/0234-03-0078 dated 26 February 2015 CO75 - IPX-NRY-LE-00196 31 July 2015 L 290 - AH - REP - 10244 dated 31-07-2015 http://www.inpex.com.au/search/?term=AEMR	26 February 2015. 31 July 2015. 31 July 2015. During third person Audit.	Compliant.

Attachment A: Complaints Summary

EPA7-3 Complaints Summary

Date	Source	Description	Action taken	End Date
1/04/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint regarding driver behaviour. Followed up with respective Subcontractor. Vehicle in question was under instruction from traffic control. No action required and matter closed out.	2/04/2015
3/04/2015	INPEX 1800 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint regarding driver behaviour. Followed up with driver in question.	3/04/2015
5/04/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Followed up with respective Contractor. Vehicle has been moved and matter closed.	7/04/2015
8/04/2015	1300 call	Park N Ride: Park N Ride Vehicle Damage	Information provided to security to follow up and all crews alerted to such behaviour.	9/04/2015
8/04/2015	1300 call	Ichthys Project General inquiry	Followed up with respective Subcontractor.	9/04/2015
8/04/2015	1300 call	Ichthys Project General inquiry	General enquiry regarding training.	9/04/2015
20/04/2015	INPEX 1800 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint investigated. Matter closed.	20/04/2015
5/05/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint addressed and raised with driver in question. Reminder to be issued to all drivers regarding intersection.	5/05/2015
1/06/2015	1300 call	Ichthys Project Traffic	General traffic concern, followed up.	1/06/2015
1/06/2015	1300 call	Windscreens	Damage to windscreen, followed up.	1/06/2015
1/06/2015	1300 call	Ichthys Project Traffic	General traffic concern. Followed up with caller to address concern.	1/06/2015
2/06/2015	1300 call	Switch	Media enquiry. Message forwarded to correct personnel.	2/06/2015
3/06/2015	1300 call	Ichthys Project Traffic	Complaint investigated and caller advised to raise concern with Council.	3/06/2015
5/06/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint investigated and followed-up with driver concerned.	8/06/2015
9/06/2015	1300 call	Windscreens	Damage to windscreen followed up and compensated.	31/07/2015
15/06/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint followed up with driver concerned.	15/06/2015
17/06/2015	1300 call	Park N Ride: Park N Ride General Inquiry	General enquiry regarding carpark timetables. Followed up with caller.	17/06/2015
17/06/2015	1300 call	Park N Ride: Park N Ride General Inquiry	General enquiry regarding advertising. Caller details and request provided to park and ride owner.	17/06/2015
18/06/2015	1300 call	Bladin Accommodation Village: General Inquiry	General enquiry advising incorrect receipt of mail. Correct mailing details provided to caller.	18/06/2015
19/06/2015	1300 call	Ichthys Project General inquiry	General enquiry from tourist regarding public tours of the site. Caller advised no public tours are offered and also advised of nearby vantage points.	19/06/2015
20/06/2015	1300 call	Worker behaviour	Follow-up with Subcontractor to address with employee.	23/06/2015
23/06/2015	JKC email	Truck, Bus, Light Vehicle: driver behaviour, Ichthys Project Traffic	Complaint investigated and matter followed up with driver concerned.	30/06/2015
24/06/2015	INPEX 1800 call	Ichthys Project General inquiry	General enquiry regarding the Employee Fun Day. Followed up with caller to advise it is not an event where businesses can have stalls selling items.	6/07/2015
25/06/2015	1300 call	Ichthys Project Traffic	Traffic complaint raised with Company concerned who will provide further training at next toolbox.	2/07/2015
1/07/2015	1300 call	Park N Ride: Park N Ride Lockout	Call regarding access to vehicle. Caller provided security contact details who provided access to vehicle.	1/07/2015
6/07/2015	1300 call	Ichthys Project General inquiry	General enquiry seeking contact details for a former colleague. No-one matching details provided are registered.	6/07/2015
7/07/2015	1300 call	Windscreens	Damage sustained to windscreen. Caller advised of recent road works and provided details of Department of Infrastructure.	7/07/2015
10/07/2015	1300 call	Park N Ride: Park N Ride General Inquiry	Call from electrician requesting access to Park N Ride in order to run cable. Caller provided with contact details of property manager to arrange access.	10/07/2015
12/07/2015	1300 call	Worker behaviour	Follow-up with Subcontractor to address with employee.	12/07/2015
12/07/2015	1300 call	Worker behaviour	Follow-up with Subcontractor to address with employee.	27/07/2015
14/07/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint regarding driver behaviour. Followed up with Bus operator concerned and issued a reminder to all drivers regarding giving way at intersections.	21/07/2015
15/07/2015	1300 call	Ichthys Project General inquiry	General enquiry regarding Employee Fun Day bus tour pre-bookings. Caller advised pre-booking closed but advised to attend Freds Pass early to secure a sport on the tour.	15/07/2015
15/07/2015	1300 call	Sponsorship inquiry	Enquiry received from Royal Flying Doctor Service regarding potential partnership with INPEX. Enquiry forwarded to INPEX 1800#.	15/07/2015
16/07/2015	1300 call	Worker behaviour	Follow-up with Subcontractor to address with employee.	16/07/2015
17/07/2015	1300 call	Windscreens	Complaint received regarding damage to windscreen. Caller advised of Company managing the site and claims should be processed through them.	17/07/2015
17/07/2015	1300 call	Sponsorship inquiry	General enquiry received seeking funding for a youth safety education program. Followed up with caller.	17/07/2015
19/07/2015	1300 call	Park N Ride: Park N Ride Lockout	Call received requesting access to Park N Ride. Bus Marshall contacted to unlock facility.	19/07/2015
21/07/2015	1300 call	Park N Ride: Park N Ride Lockout	Call received requesting access to Park N Ride. Bus operator in the area attended to access facility.	21/07/2015
23/07/2015	1300 call	Sponsorship inquiry	General enquiry regarding sponsorship. Caller advised of sponsorship process.	23/07/2015
24/07/2015	1300 call	Windscreens	Damage to windscreen. Caller advised to follow up with insurance company.	24/07/2015
25/07/2015	1300 call	Park N Ride: Park N Ride General Inquiry	General enquiry regarding Park N Ride public access. Followed up with caller.	25/07/2015
25/07/2015	1300 call	Truck, Bus, Light Vehicle: Noise	Traffic noise complaint received. Caller advised traffic management plan in place and that continued monitoring would be in place once the facility is operational.	8/08/2015
27/07/2015	1300 call	Truck, Bus, Light Vehicle: traffic, Truck, Bus, Light Vehicle: Vehicle damage	Call received regarding a vehicle accident. Information forwarded to relevant parties. Caller phoned the following day and thanked for reporting.	28/07/2015

EPA7-3 Complaints Summary

Date	Source	Description	Action taken	End Date
30/07/2015	1300 call	HSAV: HSAV General complaint	General complaint received regarding decreased Telstra mobile coverage. Complaint followed up, but likely a Telstra issue.	31/07/2015
30/07/2015	1300 call	Ichthys Project General complaint	General complaint regarding vehicles parking on footpath. Matter followed up and closed out. Contractors reminded to remove 1300# contact stickers from vehicles that have been demobilised.	31/07/2015
6/08/2015	1300 call	Park N Ride: Park N Ride Lockout	General enquiry regarding Park N Ride facility access. Resolved.	6/08/2015
7/08/2015	1300 call	Worker behaviour	Follow-up with Subcontractor to address with employee.	7/08/2015
11/08/2015	1300 call	HSAV: Resident Complaint	General complaint received regarding lack of mobile phone reception. Complaint followed up and raised with Telstra. Caller advised it is a Telstra matter.	11/08/2015
11/08/2015	1300 call	Switch	General call seeking contact details for an employee. Caller provided the contact number for the INPEX Switch as the employee being sought was an INPEX employee.	11/08/2015
14/08/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Call received advising of dunnage blowing off a truck. Followed up with Transport team.	14/08/2015
14/08/2015	1300 call	Switch	General call received seeking contact details for an employee. Caller advised to call back the following day during site hours.	14/08/2015
16/08/2015	1300 call	Ichthys Project General complaint	General complaint received regarding difficulty contacting persons at the Village. Caller advised of problems being experienced with Telstra communications. Asked caller to provide contact details via email and this would be followed up with village management.	17/08/2015
17/08/2015	1300 call	Park N Ride: Park N Ride Lockout	General call received requesting access to Park N Ride to access vehicle. Access provided. Resolved.	17/08/2015
21/08/2015	1300 call	Switch	General enquiry received seeking accounts payable information. Caller provided accounts payable email address.	21/08/2015
24/08/2015	1300 call	Bladin Point: Bladin Point General inquiry	General enquiry received regarding accessing dry hire arrangements on site. Caller advised of key Subcontractors and details to register for contracts.	24/08/2015
25/08/2015	1300 call	Ichthys Project General inquiry	General call received from vending machine hire company.	25/08/2015
1/09/2015	1300 call	Ichthys Project Traffic	Call received regarding vehicle accident. Investigation launched.	1/09/2015
2/09/2015	1300 call	Ichthys Project General inquiry	Purchasing enquiry received. Enquiry directed to Purchasing Supervisor who provided advice.	4/09/2015
7/09/2015	1300 call	Ichthys Project General Industrial Relations	Industrial relations matter raised. Matter investigated.	7/09/2015
8/09/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Call received regarding minor traffic incident. Investigation into matter and has been closed.	24/09/2015
9/09/2015	INPEX 1800 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint received regarding driver behaviour. Matter investigated and caller advised of outcome of investigation.	11/09/2015
10/09/2015	1300 call	Ichthys Project General HSE	Complaint received. Followed matter up and also with caller.	24/09/2015
17/09/2015	1300 call	Park N Ride: Park N Ride Lockout	Call received requesting access to Park N Ride. Access to facility provided.	17/09/2015
18/09/2015	1300 call	Switch	General call received seeking personnel contact details. Caller advised personal contact details cannot be provided however would pass on caller details to the person they are seeking to contact.	21/09/2015
19/09/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Call received regarding driver behaviour. Matter investigated and closed out.	21/09/2015
20/09/2015	1300 call	Noise	Complaint received regarding employee behaviour. Matter investigated and followed up with the concerned individuals.	22/09/2015
24/09/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint received regarding driver behaviour. Information forwarded to be followed up.	8/10/2015
29/09/2015	1300 call	HSAV: HSAV General inquiry	General enquiry received regarding a potential business opportunity - making an insect repellent available in the village convenience shop. Caller has been contacted to arrange provision of product samples.	29/09/2015
2/10/2015	1300 call	Bladin Point: Bladin Point General Environmental	General call received regarding recycling suggestions for materials on site. Caller advised the suggestion would be provided to the environmental team.	2/10/2015
5/10/2015	1300 call	Ichthys Project General complaint	General complaint received regarding future bus transportation opportunity. Matter looked into and followed up with caller.	5/10/2015
10/10/2015	1300 call	Park N Ride: Park n Ride Driver Behaviour	Complaint received regarding driver behaviour at the Park N Ride facility. Matter forwarded to required persons to follow up and implement measures to manage as required. Followed up with caller.	16/10/2015
12/10/2015	1300 call	HSAV: HSAV General environmental	General enquiry regarding mosquito control used on site as caller looking to implement control at nearby prison. Enquiry directed to Environment Team.	12/10/2015
14/10/2015	1300 call	Windscreens	Complaint received regarding damage to windscreen. Matter followed up with caller.	14/10/2015
14/10/2015	INPEX 1800 call	Windscreens	Complaint received regarding damage to windscreen. Matter followed up with caller.	14/10/2015
16/10/2015	1300 call	Ichthys Project General inquiry	General enquiry received regarding whether additional accommodation is required. Caller advised that necessary accommodation arrangements are currently in place.	16/10/2015
16/10/2015	1300 call	Park N Ride: Park N Ride Lockout	General call received regarding access to Park N Ride facility. Resolved.	16/10/2015
17/10/2015	1300 call	Park N Ride: Park N Ride Lockout	General call received regarding access to Park N Ride facility. Resolved.	17/10/2015
23/10/2015	INPEX 1800 call	Truck, Bus, Light Vehicle: driver behaviour	Complaint received regarding driver behaviour. Matter investigated.	30/10/2015
26/10/2015	1300 call	Windscreens	Complaint received regarding damage to windscreen. Matter looked into and followed up with caller.	26/10/2015
27/10/2015	JKC email	Bladin Point: Bladin Point Traffic	Call received regarding car parking. Matter referred to Transport and Security to follow up.	27/10/2015
29/10/2015	1300 call	Negative media issue	Media call received. Enquiry forwarded to INPEX Communications Team.	29/10/2015
29/10/2015	1300 call	Ichthys Project Jobs	Call received regarding employment opportunities. Matter followed up with caller and caller advised of tools available for persons to view potential employment opportunities as they are advertised.	29/10/2015
30/10/2015	1300 call	Park N Ride: Park n Ride Driver Behaviour	Call received regarding incorrect parking at Park N Ride facility. Matter followed up and drivers advised.	30/10/2015

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Date	Source	Description	Action taken	End Date
2/11/2015	1300 call	Park N Ride: Park n Ride Driver Behaviour	Call received regarding driver behaviour at Park N Ride facility. Issue monitored and raised at next HSE Meeting. Followed up with caller and advised them of actions taken to resolve.	2/11/2015
3/11/2015	1300 call	Windscreens	Call received regarding damage to windscreen. Matter forwarded to Transport Manager to follow up.	18/11/2015
4/11/2015	INPEX 1800 call	Truck, Bus, Light Vehicle: driver behaviour	Call received regarding driver behaviour. Matter forwarded to Transport Manager and INPEX for follow up.	18/11/2015
5/11/2015	1300 call	Park N Ride: Park N Ride Lockout	General call received regarding access to Park N Ride facility. Resolved.	5/11/2015
5/11/2015	1300 call	Switch	General call received from caller seeking to contact an employee. Caller provided an alternate contact number and advised this would be followed up the following day.	5/11/2015
6/11/2015	1300 call	Park N Ride: Park N Ride General Inquiry, Park N Ride: Park n Ride Driver Behaviour	Complaint received regarding lighting and also driver behaviour at Park N Ride. Matter regarding lighting followed up and arrangements made to address. Followed up with caller and advised of steps taken to address concerns.	6/11/2015
9/11/2015	1300 call	Ichthys Project General Industrial Relations	Complaint received regarding an industrial relations matter. Matter investigated.	12/11/2015
9/11/2015	1300 call	HSAV: HSAV General inquiry	General enquiry received from local astronomer. Caller advised request can not be accommodated.	9/11/2015
11/11/2015	1300 call	Ichthys Project Traffic	Complaint received regarding increased traffic. Transport advised of matter.	11/11/2015
11/11/2015	INPEX email	Truck, Bus, Light Vehicle: driver behaviour	Complaint received regarding driver behaviour. Details referred to Transport and Safety.	25/11/2015
11/11/2015	INPEX email	Truck, Bus, Light Vehicle: driver behaviour	Complaint received regarding driver behaviour. Transport team to issue notice to employees to remind of safe driving behaviour. Caller advised how matter has been addressed.	25/11/2015
12/11/2015	1300 call	Switch	General enquiry received regarding how to get a delivery to Bladin Point. Enquiry forwarded to required persons.	12/11/2015
13/11/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Call received regarding driver behaviour. Details referred to Transport for follow up.	20/11/2015
14/11/2015	1300 call	Park N Ride: Park N Ride Lockout	General call received regarding access to Park N Ride after ours. Details referred to Transport for action.	14/11/2015
15/11/2015	JKC email	Truck, Bus, Light Vehicle: Vehicle damage	Call received regarding damage to vehicle from a rock. Matter looked into and details of matter forwarded to INPEX for consideration.	15/11/2015
16/11/2015	1300 call	Ichthys Project Traffic	Call received regarding traffic incident. Caller contacted who then later advised the information being sought was no longer required. Details of call were provided to relevant departments.	16/11/2015
16/11/2015	1300 call	Ichthys Project General complaint	Call received regarding employment. Matter forwarded to required persons and caller advised it is being processed.	17/11/2015
16/11/2015	JKC email	Windscreens	Awaiting response for additional information.	16/11/2015
16/11/2015	1300 call	Windscreens	Follow-up with Subcontractor to address.	16/11/2015
18/11/2015	1300 call	Ichthys Project General inquiry	General inquiry regarding reward and recognition program	18/11/2015
18/11/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with employer to address.	18/11/2015
19/11/2015	1300 call	HSAV: HSAV General inquiry	General inquiry on the use of HSAV facilities by non-resident declined	19/11/2015
24/11/2015	1300 call	Switch	Forwarded call to requested party	24/11/2015
24/11/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address.	25/11/2015
24/11/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address with employee.	1/12/2015
24/11/2015	1300 call	Negative media issue	Declined to comment on media inquiry	24/11/2015
30/11/2015	1300 call	Ichthys Project General Industrial Relations	Inquiry related to employment termination and referred to contact employer	2/12/2015
7/12/2015	1300 call	Ichthys Project General inquiry	Follow-up with Subcontractor return or pay for stock removed erroneously.	8/12/2015
11/12/2015	1300 call	Bladin Accommodation Village: General Inquiry	Advised there is no capacity for private accommodation - check with Stay over Darwin in Northlakes.	11/12/2015
11/12/2015	1300 call	Park N Ride: Park N Ride Lockout	Wilson Security at Yarrowonga PnR contacted to attend and allow access to caller	11/12/2015
11/12/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address with employee.	14/12/2015
22/12/2015	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address with employee.	31/12/2015
6/01/2016	1300 call	Ichthys Project Traffic	Worked with IR, Transport and Security to manage the issue. Resolved.	6/01/2016
8/01/2016	1300 call	Windscreens	The incident has come about because of general road conditions in a location where there are multiple road users.	8/01/2016
15/01/2016	1300 call	Park N Ride: Park N Ride Theft	Requested additional information to provide to relevant JKC department	15/01/2016
16/01/2016	1300 call	Park N Ride: Park N Ride Theft	Suggest contact the police	16/01/2016
17/01/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Claim referred to transport for IVMS review.	17/01/2016
17/01/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address with employee.	17/01/2016
20/01/2016	1300 call	HSAV: HSAV General inquiry	Return of lost property	20/01/2016
20/01/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up of IVMS noted vehicle report wasn't speeding - no action	21/01/2016
22/01/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address with employee.	5/02/2016
23/01/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Follow-up with Subcontractor to address with employee.	25/01/2016
25/01/2016	1300 call	Sponsorship inquiry	General inquiry on sponsorship	27/01/2016
28/01/2016	1300 call	Negative media issue	Media inquiry - declined to comment	28/01/2016
28/01/2016	1300 call	Park N Ride: Park N Ride General Inquiry	Inquiry related lighting at Park N Ride noting lights switch off; clarified lights were on a timer.	3/02/2016
28/01/2016	1300 call	Negative media issue	Media inquiry - contact information request. Forwarded request to INPEX for JKC statement	28/01/2016
29/01/2016	1300 call	Negative media issue	Media inquiry - contact information request. Forwarded request to community relations manager	29/01/2016
1/02/2016	1300 call	HSAV: HSAV General inquiry	Inquiry related to business opportunities.	2/02/2016
2/02/2016	1300 call	Ichthys Project General inquiry	Inquiry related to business opportunities.	2/02/2016
4/02/2016	JKC email	Ichthys Project Traffic	Follow-up with Subcontractor to address maintenance of roadway.	4/02/2016

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Date	Source	Description	Action taken	End Date
4/02/2016	1300 call	Worker behaviour	Follow-up with Subcontractor to address with employee.	25/02/2016
12/02/2016	1300 call	Ichthys Project General inquiry	Follow-up with Subcontractor to address with employee.	12/02/2016
16/02/2016	1300 call	Ichthys Project General inquiry	General inquiry for excursion, forwarded to INPEX	19/02/2016
16/02/2016	1300 call	Ichthys Project General inquiry	General inquiry for excursion, forwarded to INPEX	22/02/2016
17/02/2016	INPEX 1800 call	Windscreens	Returned call request additional information	17/02/2016
18/02/2016	1300 call	Ichthys Project General complaint	Follow-up with caller request to be removed from site 'lightning alerts'	19/02/2016
25/02/2016	1300 call	Bladin Point: Bladin Point General complaint	General inquiry regarding mobile phone access on site.	25/02/2016
26/02/2016	1300 call	Ichthys Project General inquiry	Took a call offering advertising in a trade magazine featuring INPEX. Declined the opportunity.	26/02/2016
27/02/2016	1300 call	Park N Ride: Park n Ride Driver Behaviour	Complaint received regarding parking at Park N Ride. Notice added to pre-start meeting. Matter appears to be resolved.	7/03/2016
4/03/2016	1300 call	Bladin Point: Bladin Point General inquiry	General inquiry requesting contact information.	4/03/2016
4/03/2016	1300 call	Switch	Referred to Projects control for follow up	4/03/2016
7/03/2016	1300 call	Ichthys Project General inquiry	Vehicle checklist provided to Hertz	7/03/2016
8/03/2016	1300 call	Ichthys Project General inquiry	Provided Inpex 1800 705 010	8/03/2016
9/03/2016	1300 call	Windscreens	Advised caller to contact the company managing the TBD road upgrade who would be responsible for the upkeep of the road during works.	9/03/2016
9/03/2016	1300 call	Park N Ride: Park n Ride Driver Behaviour	Referred to JKC Transport and Workforce services	9/03/2016
14/03/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Inquiry forwarded to INPEX to address with driver.	18/03/2016
17/03/2016	1300 call	Bladin Point: Bladin Point General inquiry	General inquiry requesting contact information.	21/03/2016
18/03/2016	1300 call	Ichthys Project General inquiry	Advised activity is not project related	18/03/2016
21/03/2016	1300 call	Park N Ride: Park N Ride Lockout	General inquiry regarding access to Park N Ride after being locked out.	21/03/2016
29/03/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Provided contact information of Subcontractor provided for follow-up.	29/03/2016
29/03/2016	1300 call	Park N Ride: Park N Ride General Inquiry	Project security advised; report vehicle identified rear door ajar no evidence of vehicle damage or theft	29/03/2016
30/03/2016	1300 call	Bladin Point: Bladin Point General inquiry	Request to operate a 'drone' over the project site. Advised that he is bound by CASA regulation when operating aircraft and while we would prefer he did not practice over our site at the moment there are no restrictions but will be as construction nears completion	30/03/2016
31/03/2016	1300 call	HSAV: Resident Complaint	General inquiry/complaint regarding internet access	10/04/2016
1/04/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Provided contact information of Subcontractor provided for follow-up.	1/04/2016
4/04/2016	1300 call	Truck, Bus, Light Vehicle: driver behaviour	Referred to Transport Dept., who advised a review of vehicles IVMS indicates not enough evidence to suggest vehicle was in use.	4/04/2016
6/04/2016	1300 call	Ichthys Project General inquiry	Contact information request; transferred to INPEX representative	6/04/2016
6/04/2016	1300 call	Ichthys Project General inquiry	Arranging a suitable time for late next week to do interview and photos.	6/04/2016
19/04/2016	1300 call	Positive media issue	Media inquiry - contact information request	19/04/2016
20/04/2016	1300 call	Negative media issue	Referred to Company Media and Communications for Action. Company re-issued prepared statement with update on numbers	20/04/2016
26/04/2016	1300 call	Windscreens	The incident has come about because of general road conditions in a location where there are multiple road users.	10/05/2016
27/04/2016	1300 call	Park N Ride: Park n Ride Driver Behaviour	General reminder to all personnel when departing park and ride facilities to follow the NT road rules and drive in a responsibly manner as the Project Code of Conduct covers these facilities and actions regarding leaving them.	27/04/2016
29/04/2016	1300 call	Windscreens	Provided contact information of Subcontractor provided for follow-up.	29/04/2016
10/05/2016	JKC email	Truck, Bus, Light Vehicle: driver behaviour	Reminder issued to vehicle drivers	10/05/2016
11/05/2016	INPEX email	HSAV: HSAV General inquiry	Provided contact information of Subcontractor provided for follow-up.	16/05/2016
11/05/2016	1300 call	HSAV: Resident Complaint	Provided contact information of Subcontractor provided for follow-up.	12/05/2016
11/05/2016	INPEX 1800 call	HSAV: HSAV General inquiry	Provided contact information of Subcontractor provided for follow-up.	16/05/2016
11/05/2016	INPEX email	HSAV: HSAV General complaint	Follow-up with email correspondence requesting additional information; complaint subsequently withdrawn.	13/05/2016
12/05/2016	1300 call	Windscreens	The incident has come about because of general road conditions in a location where there are multiple road users.	12/05/2016
12/05/2016	JKC email	Worker behaviour	Follow-up with Subcontractor to address with employee.	23/05/2016

Attachment B: Event Summary

EPA7-3 Events Summary

Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
003764	AEC	4/05/2015	AEC	Residential	Noncompliance with Environmental Impact Monitoring Program- HSAV noise station data gap	The logger was replaced on 19 May.	Incident: Environmental	Other			N/A
004257	AEC	4/05/2015	JKC		HSV - Data gaps in noise monitoring data	New USB was inserted to start the monitoring again. Faulty USB sent for diagnostics.	Incident: Environmental	Noise and Vibration Management			
003300	Leighton Contractors	5/05/2015	BLD-1	E 400	Deceased Fauna (Spotted Nightjar) discovered in Turbo workshop	Bird was removed from the area and identified before being disposed of.	Hazard: Environmental	Fauna Management	Terrestrial fauna		
003311	UGL-Kentz Joint Venture	5/05/2015	MEC-1	E600	Improper Storage of Hazardous Wastes	Grouting and Preservation Supervisors immediately notified of event through radio communication and their presence requested. On arrival at the scene Supervisors organised the waste products to be removed from inappropriate storage area and arranged them to be stored in secondary contained area in preparation for removal by WST-1.	Hazard: Environmental	Waste Management	Listed/Hazardous waste		N/A
003334	UGL-Kentz Joint Venture	9/05/2015	MEC-1	E600	Garnet Debris at Temporary Paint Yard	Subcontractor Supervisor and Superintendent responsible for temporary paint yard and abrasive blasting activities notified immediately. Use of the temporary paint yard for abrasive blasting suspended until all garnet debris cleaned up and encapsulation improved. Supervisor organised work crew to commence clean-up activities and reassess encapsulation setup against project requirements and risk assessments. Meeting arranged between Contractor and Subcontractor to discuss Environmental Hazard report on 12/05/2015.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
003420	JKC	12/05/2015	JKC	E 200	Bat found on Vessel at MOF	Department of Agriculture was contacted and advised to double bag the bat, leave it on the vessel and dispose of it at sea, i.e. throw overboard.	Incident: Environmental	Quarantine Management			
003421	JKC	12/05/2015	JKC	E 200	Large beetle located on Yamato vessel	The beetle was double bagged.	Hazard: Environmental	Quarantine Management			
003342	JKC	13/05/2015	GEP-1	GEP	Non-compliance with CEMP deep soil mixing acid sulfate soil commitment	In accordance with CEMP 6.6.29 the following was undertaken: Assessment of treatment following receipt of validation sampling results to determine where alternative treatment is required; Visual monitoring for ASS indicators by Subcontractor continued; Groundwater and surface water monitoring for pH changes continued; Laboratory has provided additional liming rate to achieve neutralisation that will be used when re-treatment is undertaken. Report to Company and commence investigation	Incident: Environmental	Acid Sulfate Soils Management			
003377	Monadelphous KT	19/05/2015	GEP-1	E600	Hydraulic spill at EMA	Truck was shut down and the area made safe. Spill kit deployed including absorbent pads and mini-boom to contain oil. Supervisor and MKT Environmental Manager notified. EMA management notified. Clamp replaced with additional one added to the hydraulic line by MKT Fitter and hydraulic oil topped up. Soil collected and cordoned off until skip bin delivered. Contam soil placed in skip and samples taken to send for lab analysis prior to disposal being approved by WST-1.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	40L
003405	Monadelphous KT	24/05/2015	GEP-1	FGP	Frogs trapped in trench resulting in 1 rescue and 9 deaths	Checked frogs for signs of life and species, rehydrated 1 frog, and removed other carcasses from trench and off ROW. Reviewed CEMP for compliance (Extract of CEMP (Rev 0) Fauna Section - Mitigation Measures table - Item 6.2.16, 6.2.19, 6.2.20 and 6.2.29 are all relevant) (attachment) Completed Fauna trench inspection and interaction register (Fauna interaction register (2nd tab) and Fauna Trench inspection records (1st tab) (attachment) Install shelters (e.g. hessian bags) every 100m in the open trenches as required within the CEMP and then review performance of shelters via on going daily trench inspections for the next 2 days to determine if an effective control for frog survival	Incident: Environmental	Fauna Management	Terrestrial fauna		
003436	Leighton Contractors	30/05/2015	CVL-3	C 600	Sewage Tank Overflow	Area barricaded with signage and inspected. Majority of spill was water based. Clean up occurred, chlorine treatment solution and lime applied to the area. OPS-1 also assisted with spill response.	Incident: Environmental	Spill Prevention and Response	Sewage		Approximately 500L
003950	AEC	2/06/2015	JKC		Non-compliance with EIMP - Assets not installed- marine buoys, groundwater loggers and autosamplers	Nil- no environmental impact.	Incident: Environmental	Other			
003951	AEC	2/06/2015	JKC		Non-compliance with EIMP - June 2015 Noise Station Data Gap PAPAN01 and BPAN01	N/A	Incident: Environmental	Noise and Vibration Management			N/A
003458	UGL-Kentz Joint Venture	3/06/2015	MEC-1	A 200	Hazardous Substances Storage Within 30m of V-Drain Without JKC Approval	Supervisor notified, storage area moved to other side of fenced area to increase distance from v-drain. Veolia contacted to remove waste. Risk assessment approval process initiated with JKC.	Hazard: Environmental	Waste Management	Listed/Hazardous waste		
003470	Wagners	3/06/2015	CVL-4	E 600	Potable water main valve left open leading to tank overflow	The subcontractor electrician closed the valve, turned on the dry mix plant and discharged enough water through the plant to stop the tank from overflowing, and then notified the Subcontractor project manager. 4 June 2015 - hand written sign put up in batch office to remind batchers to close the valve each day.	Incident: Environmental	Surface Water Management	Discharge without permit on-site	Uncontrolled discharge	Less than 1000L
003479	Leighton Contractors	3/06/2015	BLD-1	E 400	Non-compliant disposal of wood waste in construction bins	Remove wood waste from construction skips to prevent the waste being removed form site, and segregate wood into treated and untreated wood types.	Incident: Environmental	Waste Management	Listed/Hazardous waste		

EPA7-3 Events Summary

Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004253	Leighton Contractors and Morris Corporation	4/06/2015	OPS-1	E 100	Flying Fox caught in barbed wire of perimeter fence	none could be implemented	Incident: Environmental	Fauna Management	Terrestrial fauna		
004254	Leighton Contractors and Morris Corporation	8/06/2015	OPS-1	B 600	Flying Fox caught in barbed wire of perimeter fence	none could be implemented	Incident: Environmental	Fauna Management	Terrestrial fauna		
003516	Monadelphous KT	13/06/2015	GEP-1	E600	Hydraulic Fluid Spill - Beach Valve Access Road	Side tipper was shut down and made safe. Spill kits deployed - Absorbent granules applied to ground to soak up hydraulic fluid. MKT Environment Manager notified JKC Environment Team. Spill pads used to wipe excess from truck. Contaminated soil stockpiled using grader and loader. Contaminated spill pads and absorbent disposed of in contaminated waste bins. Stockpile flagged off and signposted as "Contaminated Soil". Contaminated soil skip orderd from WST-1.	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	Approx 15L
003610	JKC	1/07/2015	JKC	E 600	Non-compliance with Environmental Impact Monitoring Program	Event was reported to Company and an investigation commenced. Approval has been granted for installation of the safe access down the rock armour. CVL7 mobilised to install the access ramps at the nominated locations.	Incident: Environmental	Other			
004030	AEC	1/07/2015	AEC		Non-compliance with EIMP (July 2015): Marine Buoy Data Gaps	Continue fortnightly checks for the presence of all data. Long term controls would require the removal of the marine data loggers for supplier diagnosis.	Incident: Environmental	Surface Water Management			N/A
003605	Leighton Contractors and Morris Corporation	2/07/2015	OPS-1	E 600	Snake at Build 1	Captured snake & released into bush land nearby.	Hazard: Environmental	Fauna Management	Terrestrial fauna		
003647	JKC	8/07/2015	JKC	E 300	Airborne Material Escape from Encapsulation - Abrasive Blasting	MEC-2 workers applied P2 masks. Works were halted.	Incident: Environmental	Dust and Air Quality Management	Uncontrolled dust from site activities		N/A
003673	Leighton Contractors and Morris Corporation	10/07/2015	OPS-1		Flying Fox caught in barbed wire of perimeter fence	An OPS-1 person reported the event and OPS-1 fauna handlers attended to release the animal. The flying fox had its wing/foot disentangled. As it was being manoeuvred into a towel by the fauna handler, the bat freed itself and flew away.	Incident: Environmental	Fauna Management	Terrestrial fauna		N/A
003674	AEC	14/07/2015	AEC	Residential	Noncompliance with Environmental Impact Monitoring Program- noise station data gap	Subcontractor attempted to contact the LDC to gain access over the period. Access was achieved on 09 July.	Incident: Environmental	Noise and Vibration Management			N/A
003795	AEC	14/07/2015	AEC	Residential	Noncompliance with Environmental Impact Monitoring Program- noise station data gap	The faulty noise logger was replaced.	Incident: Environmental	Other			N/A
003699	Leighton Contractors and Morris Corporation	16/07/2015	OPS-1		Treated sewerage overflow WWTP	The incident was reported via appropriate channels Environment Advisor and Safety advisor attended the scene Sewerage was hosed to lowest point in the bunded concrete pad VAC truck was called in to suck up the sewerage Concrete pad was washed down with chlorine mix to kill bacteria and eliminate health hazards The following day the concrete pad was again washed down with a chlorine mix	Incident: Environmental	Spill Prevention and Response	Sewage	Sewage	approx 500L
003711	UGL-Kentz Joint Venture	20/07/2015	MEC-1	E600	1.5L of Garnet Waste Spilt to Ground	â€C Audit was paused, Contractor Environmental Representative, Subcontractor Supervisor and Subcontractor HSES Manager contacted. â€C Personnel arrived to clean-up spilt garnet and temporarily patch up the split in the bag. â€C Damaged bag of garnet double bagged and wooden pallet removed. â€C Waste garnet moved to bunded area and tarp cover put in place. â€C Bunting and signage erected to delineate temporary storage area. â€C Investigation commenced.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
003724	Leighton Contractors	22/07/2015	CVL-3	B 600	Uncontained spent blast material	N/A	Hazard: Environmental	Waste Management	Listed/Hazardous waste		
003726	Mammoet	23/07/2015	HLT-1	F 100	Hydraulic oil spill - SPMT pressure tuest	Spotter saw the occurrence and immediately told the operator to drop the pressure. He was then able to shut off the valve and the leakage stopped. Equipment was shut down. Spill control material was immediately placed on the ground and the spill cleaned up and contaminated material disposed of. The hose was examined and found that the o ring was damaged. The hose was replaced.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	estimated 10L
003769	Leighton Contractors and Morris Corporation	31/07/2015	OPS-1	E 100	Flying Fox caught in barbed wire of perimeter fence	Flying fox was removed from the fence. The animal was taken to the vets at coolalinga. Tape has already been installed around sections of the site fence already but not here.	Incident: Environmental	Fauna Management	Terrestrial fauna		
003844	JKC	8/08/2015	JKC	B 300	Flying Fox caught in barbed wire of perimeter fence	Long term control (humming tape) awaiting installation.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004065	AEC	11/08/2015	AEC	Residential	Noise data gap PAAN01 11.8.15 (15:00) to 14.8.15 (12:30)	Format USB and continue monitoring.	Incident: Environmental	Noise and Vibration Management	Construction noise		
003839	KHI / LOR Consortium	12/08/2015	TNK-1	C 200	Loose waste near reg drain	Immediately called bobcat to location to clean up loose waste (general/crib) and transfer from ground to the big skips. Raised information / environmental risk and controls in pre-start on 13/08/2015.	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
003866	KHI / LOR Consortium	13/08/2015	TNK-1		Biosecurity / Quarantine issues on Batam Shipment KIDB-21	Department of Agriculture attend site. Contain crates with wood borers in sealed containers to be removed for fumigation. As shown in timeline (sequence of events below) plus: 14 August 2015: Application of alpha-cypermethrin residual insecticide to potential breeding sites and harbourage areas. Fogging to suppress mosquito potential. All plastic wrapping removed and fumigated with methyl bromide. Trap bags set with no exotics returned in samples. Larvae sent for identification- confined aedes albopictus on one location only. 17-19 August 2015 Further trap bags set with no positive return on any. Mosquito- seven number crates sprayed with 2% chlorine to water stain and wood Fungus- 107 wooden packages sprayed with 2% chlorine (completed 17 August)	Incident: Environmental	Quarantine Management			
003883	KHI / LOR Consortium	13/08/2015	TNK-1	C 200	Biosecurity / Quarantine issues on Thailand Shipment KTHC-01	Wood borer identified by Department of Agriculture Wood boxes returned to containers (14/08), sealed by Department of Agriculture (15/08) and returned to fumigation facility (17/08)	Incident: Environmental	Quarantine Management			
003930	CH2MHill-UGL JV / GE Consortium	19/08/2015	CCP-1	E 600	Quarantine Incident - DAFF Direction to treat Cargo at EAW	Crates were isolated to the East Arm Wharf (EAW) Quarantine Approved Premises (QAP), as directed by DA. Treatment via insecticide was agreed with DA and attendance by DA quarantine officer attendance to inspect treatment activities was arranged for 20 Aug 2015. DA approved insecticide (Yates Pyrethrum Insect Pest Killer) was procured for use. The stevedores from Panalpina Energy Systems applied insecticide on the morning of 20 Aug 2015 (see JKC 3930 - Investigation Photos attachment). DA authorised the release of all quarantined cargo associated with this shipment on the afternoon of the 20th September 2015 via formal online notification system (see attached .html links)	Incident: Environmental	Quarantine Management			N/A
003894	Leighton Contractors and Morris Corporation	20/08/2015	OPS-1		Pump station sewerage overflow	A polymer absorbent was applied to the spill and then scraped up for approved off site disposal. The area was then disinfected.	Incident: Environmental	Spill Prevention and Response	Sewage	Sewage	50L
003901	Leighton Contractors	20/08/2015	CVL-3	EMA	Hydraulic Oil Spill in EMA	Area isolated. CVL-3 Environmental Team notified. Grader windrowed contaminated material. Material transferred to waste skip.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	
004479	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 2015 - Spill Prevention & Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004480	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 2015 - Spill Prevention & Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004505	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Spill Prevention & Response 3	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004506	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Bushfire Prevention 1	N/A	Incident: Environmental	Bushfire Management			
004507	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Bushfire Prevention 2	N/A	Incident: Environmental	Bushfire Management			
004508	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Bushfire Prevention 3	N/A	Incident: Environmental	Bushfire Management			
004513	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Waste Management 1	N/A	Incident: Environmental	Waste Management	Recyclable waste		
004514	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15: Waste Management 2	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004515	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Waste Management 3	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004521	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Dust & Air Quality Management 1	Subcontractor to ensure: dust-suppression techniques to protect vegetation, worker health and amenities are applied. multiple handling of soil and rock materials is minimised. dust generation from offloading/handling materials is reduced by minimising the height of the drop, and by use of a chute, screens, enclosures, sprays, covers, dust guards, and dust extraction systems etc. as appropriate.	Incident: Environmental	Dust and Air Quality Management	Uncontrolled dust from site activities		
004522	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Dangerous Goods & Hazardous Materials 1	N/A	Incident: Environmental	Other			
004524	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Dangerous Goods & Hazardous Materials 2	N/A	Incident: Environmental	Other			
004525	Monadelphous KT	21/08/2015	GEP-1	E 600	GEP-1 - Site HSE Audit Aug 15 - Dangerous Goods & Hazardous Materials 3	N/A	Incident: Environmental	Other			
003919	Leighton Contractors and Morris Corporation	24/08/2015	OPS-1		Flying Fox caught in barbed wire of perimeter fence	Flying Fox removed, placed in carry cage and taken to the ARC hospital in Palmerston. Humming tape has been installed on some areas of the perimeter fence but awaiting direction from JKC on the status of the installation of humming tape on the remainder of the perimeter fence.	Incident: Environmental	Fauna Management	Terrestrial fauna		
003962	AG&P ALE Ventures	30/08/2015	TRB-1	F 100	Contained oil spill during recommissioning of Hydraulic System after modifications.	The Mechanical Technician on the scene observed the leak and isolated the pump immediately. The oil flow was controlled immediately and the spill was contained with spill pads that were on hand. The fittings were tightened and the area was cleaned up immediately.	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon		
004437	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 2015: Dangerous Goods & Hazardous Materials 1	N/A	Incident: Environmental	Other			

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004438	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials 2	N/A	Incident: Environmental	Other			
004443	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials 3	N/A	Incident: Environmental	Other			
004447	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials 4	N/A	Incident: Environmental	Other			
004448	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials 5	N/A	Incident: Environmental	Other			
004449	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 15 - Spill Prevention & Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004457	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 15 - Spill Prevention & Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004458	Leighton Contractors	3/09/2015	CVL-3	E 600	CVL-3 - Site HSE Audit Sept 15 - Waste Management 1	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004029	CH2MHill-UGL JV / GE Consortium	4/09/2015	CCP-1	EMA	Discharge of Hydrotest Water in EMA	1. An environmental notification was included in the prestart for Tuesday 08 September, communicating requirement for approved environmental dewatering permit prior to discharge of hydrotest and bund water to perimeter drain or EMA (see attached) 2. The vacuum truck used in the incident was suspended from use in the EMA prior to inclusion in the Area Work Clearance. 3. Internal correspondence was communicated to CCP-1 engineering lead for inclusion of requirements for discharge of hydrostatic testing into hydrostatic testing work packs.	Incident: Environmental	Other		Uncontrolled discharge	Approx. 1500L
004007	CH2MHill-UGL JV / GE Consortium	5/09/2015	CCP-1	E 600	Oil weep Lay Down One EWP	Machine was shut down and Hydrocarbon Spill response actioned. EA was notified. Contaminated spoil was contained and removed to Hydrocarbon waste bin. Fitter was called to service unit and an o ring had failed on the manifold.	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	less than 200 ml
004013	Kaefer Integrated Services	7/09/2015	SCF-2	B 400	Loss of hydrocarbons from genset	The rear drainage tap was shut off to prevent any further loss of hydrocarbons from the internal bund. JKC environmental and construction representatives were notified of the incident. Onsite plant/equipment provider technicians were contacted and called out to assist. Fuel lines were disconnected from the generator to the fuel cell. All hydrocarbons remaining in the internal bund were pumped out of the genset via the Onsite service truck to prevent any further loss of hydrocarbons. Remediation plans to remove contaminated soil and investigation commenced.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	20L
004109	AEC	7/09/2015	JKC	C 200	AquaTroll9500 BPGW19A logger malfunction	Continue monthly sampling and interrogate collected data.	Incident: Environmental	Groundwater Management			
004038	CH2MHill-UGL JV / GE Consortium	8/09/2015	CCP-1	E 600	Insufficient encapsulation and non-compliant storage of Spent Blast Material (SBM)	Workers were instructed to immediately cease abrasive blasting activities to prevent further loss of blast dust. The following corrective actions were discussed and agreed upon prior to re-commencement of blasting activities: 1. Spent Blast Material (SBM) clean up within the blast hut, ground surface around the blast hut, and laydown immediately adjacent to the blast area; and 2. The gaps in the blast enclosure sheeting above the front doorway and rear (southernmost) wall will be closed with plastic or other impervious protective sheet to limit the movement of dust from the source.	Incident: Environmental	Waste Management	Listed/Hazardous waste	Hazardous chemical	<0.1m3 SBM
004036	KHI / LOR Consortium	10/09/2015	TNK-1	C 200	Uncontrolled potable water release to other Subcontractor area	Existing procedure is always to shut off the potable water tanks tap over night, however on this occasion the procedure was not followed	Hazard: Environmental	Other		Non-contaminated water	5000L
004110	Monadelphous KT	17/09/2015	JKC		Sediment tracking onto Wickham Point Road	MKT cleaned the impacted sections of Wickham Point Road the following day to remove sediment (refer to attached photos and email), and have arranged for a water truck to do daily cleaning and a sweeper to commence road cleaning three times per week commencing Monday 21st September. Access point maintenance is required to ensure that potential for mud tracking is reduced to an acceptable level. Maintenance work is scheduled to occur prior to commencement of wet season on 1st October 2015.	Incident: Environmental	Erosion and Sediment Control	Erosion and sediment controls have not been properly installed /maintained and/or failed		
004115	Leighton Contractors and Morris Corporation	19/09/2015	OPS-1	E600	Flying Fox caught in barbed wire of perimeter fence	OPS-1 enviro and fauna handlers collected equipment and went in search of the flying fox. It could not be found. CVL-3 enviro who had received the report at 8:30am and passed it onto JKC attended to try and find the flying fox also. It is assumed that a bird of prey took the animal.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004116	Leighton Contractors and Morris Corporation	20/09/2015	OPS-1	E600	Flying Fox caught in barbed wire of perimeter fence	No controls could be taken.	Incident: Environmental	Fauna Management	Terrestrial fauna		

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004117	Leighton Contractors and Morris Corporation	21/09/2015	OPS-1		Flying Fox caught in barbed wire of perimeter fence	Subcontractor Environment Advisor and permitted fauna handlers attended the scene which was very difficult to access given excavation works and blocked access along the perimeter regulating reservoir. The barbed wire had to be snipped to free the flying fox. Subcontractor Environmental Adviser took the animal to the Ark Vet Wildlife hospital. The animal had suffered extensive injuries including laceration to the pelvic region from the barbed wire and had to be euthanised. It was a juvenile Red Flying Fox. The costs associated with all treatment of flying foxes will be sent to OPS-1 in the next couple of weeks (6 monthly invoicing).	Incident: Environmental	Fauna Management	Terrestrial fauna		
004111	CH2MHill-UGL JV / GE Consortium	22/09/2015	CCP-1	B 200	Level 1 Spill Incident - Hydrocarbon Contaminated Water	Wash down of the rear of the concrete pumpout truck was ceased immediately. A bobcat was arranged to attend the area to pick up spill oily water and contaminated soil. Investigation has commenced.	Incident: Environmental	Spill Prevention and Response	Contaminated water	Hydrocarbon	Less than 5L
004118	Leighton Contractors and Morris Corporation	22/09/2015	OPS-1	E600	Two Flying Foxes caught in barbed wire of perimeter fence	OPS-1 Subcontract licensed fauna handler rescued both flying foxes and transported to the Ark Veterinary surgery in Palmerston. Both were little red flying foxes, female juveniles. Both flying foxes had sustained minor injuries and should recover in due course. The Ark Veterinary surgery shall invoice all costs associated with treatment of flying foxes submitted from the project within the week. In both cases the flying foxes were promptly reported, and subsequently recovered from the fence then immediately take for treatment. The prompt action by Contractor and Subcontract personnel assisted in minimizing any injury sustained upon the flying fox.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004150	Leighton Contractors and Morris Corporation	23/09/2015	OPS-1		Flying Fox caught in barbed wire of perimeter fence	Bat removed from barbed wire by Matty Weir and Jacob Bell. Bat taken to Arc hospital in Palmerston.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004280	AEC	23/09/2015	AEC	B 600	BPPM02 Data Gap 23rd September 2015	Subcontractor was alerted to the fault via the alert notification function and attended to the monitor. The fault was rectified by manually reprogramming the flow rate to 2.0 L/minute per manufacturer specifications	Incident: Environmental	Dust and Air Quality Management			
004130	Leighton Contractors	24/09/2015	CVL-3	E 600	Non-compliant disposal of listed waste	Listed waste products were removed from the construction skips prior to them being taken off-site. Photo evidence sent to JKC and attached.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004209	AEC	24/09/2015	JKC	Marine (Darwin Harbour)	Non compliance with EIMP- restriction of chlorine monitoring in Darwin Harbour.	Chlorine monitoring in the receiving marine surface water environment will only be undertaken based on a risk assessment approach following instruction by Contractor.	Hazard: Environmental	Surface Water Management			
004413	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Spill Prevention & Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004414	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Spill Prevention & Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004415	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
004416	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials Management 2	N/A	Incident: Environmental	Other			
004417	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials Management 3	N/A	Incident: Environmental	Other			
004418	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials Management 4	N/A	Incident: Environmental	Other			
004422	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Dangerous Goods & Hazardous Materials Management 5	N/A	Incident: Environmental	Other			
004423	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Waste Management 1	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004424	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Waste Management 2	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004425	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Waste Management 3	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004426	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Waste Management 4	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004427	CH2MHill-UGL JV / GE Consortium	24/09/2015	CCP-1	B 100	CCP-1 - Site HSE Audit Sept 2015 - Waste Management 5	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005304	JKC	24/09/2015	JKC	Marine (Darwin Harbour)	Waste Discharge Licence 192 - Exceedance of Trigger Value (NOx)	Obtained the monthly compliance data for August 2015 - February 2016 and reviewed for potential noncompliances. Identified two potential exceedances. Performed risk assessments against the trigger criteria, standards and WDL requirements. Identified no/low adverse impacts. Notified environmental monitoring subcontractor, Greencap, by email to ensure as soon as analytical results were received going forward, that a review of the data would be conducted by Greencap and JKC would be advised of exceedances and provided the analysis of the analytical results as soon as possible. Coordinated with OPS-1 wastewater treatment plant supervisor to ensure JKC environment team added to the daily operating report distribution and to modify the parameters on the daily report to include the additional WDL relevant analyte results. Held a meeting with OPS-1 to discuss immediate controls to be put in place.	Incident: Environmental	Surface Water Management			N/A

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004141	JKC	26/09/2015	JKC		Fugitive waste in regulating drain outfalls	Outfalls are currently fitted with grates to capture large waste.	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004170	JKC	26/09/2015	JKC	E 400	Uncontrolled release of a chemical (Stonewall) into drain and detention basin	Review polymer application rates to prevent excess material from being applied and not curing prior to rainfall	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical	Non- hazardous chemical	~500L
004151	Leighton Contractors and Morris Corporation	28/09/2015	JKC	E 600	Flying Fox caught in barbed wire of perimeter fence	Flying fox removed from fence by Mitch Wilson and Josh Bath. Animal taken to the Arc Hospital in Palmerston.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004159	Leighton Contractors	28/09/2015	CVL-3	A 100	Hazardous waste in construction skip	The rags and Renderoc FC were removed from the skip and taken to the hazardous waste area for correct disposal. A vacuum cleaner was also used to vacuum up the spilt Renderoc FC where bags had split.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004152	Leighton Contractors and Morris Corporation	29/09/2015	JKC	C 700	Flying Fox caught in barbed wire of perimeter fence	Animal had died. Animal will be removed from fence and disposed of.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004562	AG&P / ALE	29/09/2015	TRB-1	F 100	TRB-1 - Site HSE Audit Sept 15 - Dangerous Goods & Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
004564	AG&P / ALE	29/09/2015	TRB-1	F 100	TRB-1 - Site HSE Audit Sept 15 - Spill Prevention & Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004565	AG&P / ALE	29/09/2015	TRB-1	F 100	TRB-1 - Site HSE Audit Sept 15 - Spill Prevention & Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004166	Leighton Contractors and Morris Corporation	1/10/2015	OPS-1	E600	Flying Fox caught in barbed wire of perimeter fence	OPS-1 cannot implement immediate or temporary controls without a Site Instruction from JKC to put bunting or other measure on the the barbed wire fence. In areas where bunting has been placed on the SAR and SIMOPS roads, no further entanglement has occurred. This is a low cost and quick measure to manage this wildlife issue in the interim until a permanent solution can be installed.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004176	Veolia	1/10/2015	WST-1	B 100	Hazardous waste drum cracked and leaking	Placed drum on to spill pallet and emptied contents to another drum. The drum was then transferred to PSI-1 hazardous waste storage area for investigation by WST-1. WST-1 have since removed the damaged drum from site for disposal.	Hazard: Environmental	Other			
004222	JKC	2/10/2015	JKC	E 400	Non-compliant storage of DG and Hazchem at BLD-1	Contractor discussed the findings made by Comapny with Subcontractor and requested immediate action to resolve obvious non-compliance. Action was taken on the 3 Oct 2015.	Incident: Environmental	Other			
004545	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Spill Prevention & Response 1	N/A	Incident: Environmental	Other			
004546	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Spill Prevention & Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004547	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Spill Prevention & Response 3	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
004548	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Dangerous Goods & Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
004549	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Dangerous Goods & Hazardous Materials Management 2	N/A	Incident: Environmental	Other			
004551	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Dangerous Goods & Hazardous Materials Management 3	N/A	Incident: Environmental	Other			
004553	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Waste Management 1	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004555	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Waste Management 2	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004556	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15: Waste Management 3	N/A	Incident: Environmental	Waste Management	Recyclable waste		
004557	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct - Waste Management 4	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004558	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Waste Management 5	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004559	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Quarantine 1	N/A	Incident: Environmental	Quarantine Management			
004560	KHI / LOR Consortium	2/10/2015	TNK-1	C 100	TNK-1 - Site HSE Audit Oct 15 - Quarantine 2	N/A	Incident: Environmental	Quarantine Management			
004195	Leighton Contractors and Morris Corporation	3/10/2015	OPS-1	E 100	Flying Fox caught in barbed wire of perimeter fence	No controls could be implemented	Incident: Environmental	Fauna Management	Terrestrial fauna		
004196	Leighton Contractors and Morris Corporation	3/10/2015	OPS-1	C 200	Flying Fox caught in barbed wire of perimeter fence	No immediate controls could be implemented	Incident: Environmental	Fauna Management	Terrestrial fauna		
004208	Leighton Contractors and Morris Corporation	5/10/2015	OPS-1	E 100	Flying Fox caught in barbed wire of perimeter fence	No immediate or temporary controls could be implemented	Incident: Environmental	Fauna Management	Terrestrial fauna		
004204	JKC	6/10/2015	JKC	EMA	Spread of Gamba Grass weed infestation at site	Report to management Investigate control options	Incident: Environmental	Weed Management			N/A
004234	JKC	6/10/2015	JKC	C 100	Unreported diesel spill in C100	Unknown.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004210	Leighton Contractors and Morris Corporation	7/10/2015	OPS-1	B 200	Flying Fox caught in barbed wire of perimeter fence	No immediate controls could be implemented	Incident: Environmental	Fauna Management	Terrestrial fauna		
004217	Monadelphous KT	7/10/2015	GEP-1	GEP	Garnet waste going to ground	Material on ground was swept up and bagged for disposal with other spent garnet powder. Containment was adjusted to contain material by ensuring the groundsheet covers the gap under the containment habitat.	Incident: Environmental	Waste Management	Listed/Hazardous waste	Hazardous chemical	Approx 1kg garnet and dried epoxy primer dust
004231	CUEL	8/10/2015	FAB-3	CUEL	Near Miss: Paint Spill - Rev 0	Incident reported. Safety Stand-down conducted with DSL personnel. Spilled paint cleaned. Stopped use of paint can without lid. Provided plastic sheeting & secondary containment for paint cans.	Hazard: Environmental	Spill Prevention and Response	Non-hazardous chemical	Non- hazardous chemical	

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004600	AEC	8/10/2015	AEC		BPAN02 Data Gap October 2015	Further differentiated field USB naming protocols to ensure no overwrite of the data is possible and the production of field cards to ensure noise monitoring serial numbers can be cross referenced.	Incident: Environmental	Noise and Vibration Management			NA
004245	Leighton Contractors and Morris Corporation	10/10/2015	JKC	A 300	Flying Fox caught in barbed wire of perimeter fence	Animal was removed from fence, double bagged and disposed.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004255	Leighton Contractors and Morris Corporation	10/10/2015	OPS-1	B 600	Flying Fox caught in barbed wire of perimeter fence	None could be taken. Animal was reported too late in the day and died from dehydration before a rescue could be organised	Incident: Environmental	Fauna Management	Terrestrial fauna		
004295	JKC	10/10/2015	OPS-1	E 600	Sewage spill at Contractor Office Facility	OPS-1 responded by first pumped out the sewage tanks. Some pooled effluent around the building was also removed. Spill pads were then laid down to soak up some of the effluent between the building and the drain. Material was picked up and placed in contaminated waste bags. Traffic control was set up and effluent that had entered the drain was pumped out with the sucker truck. Once effluent was removed from the drain a 5% solution of chlorine/water was sprayed around the area to neutralise any bacteria that would be present on the ground and in the drain. Supervisor went back the next day to check for any odour of effluent. No odour was present.	Incident: Environmental	Spill Prevention and Response	Sewage	Sewage	Approximately 500L
004250	Leighton Contractors and Morris Corporation	12/10/2015	OPS-1	B 800	Flying Fox caught in barbed wire of perimeter fence	None were possible	Incident: Environmental	Fauna Management	Terrestrial fauna		
004262	Kaefer Integrated Services	14/10/2015	SCF-2	B 400	Loss of Hydrocarbons from Genset	CONTRACTOR Scaffold Supervisor pressed emergency shutdown button to turn off the genset CONTRACTOR Scaffold Supervisor reported incident to SUB-CONTRACTOR Scaffold Superintendent and Environmental Advisor inspection conducted of genset and impacted area Spill absorbent pads placed around genset to capture further drips and seepage SUB-CONTRACTOR Environmental Advisor reported incident to CONTRACTOR Environmental Representative SUB-CONTRACTOR contacted equipment hiring company to conduct inspection and drain internal bund and overfilled fuel storage tank Genset was isolated and tagged out of service Investigation commenced.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	180L
004271	JKC	15/10/2015	JKC	C 500	Flying Fox caught in barbed wire of perimeter fence	No action could be taken as the bat was dead.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004273	Kentz	15/10/2015	ELE-1	B 100	Electrolyte Transport and Storage	The electrolyte containers were stored on banded pallets and barricaded to prevent anyone using them. Investigation commenced.	Incident: Environmental	Other			
004285	CH2MHill-UGL JV / GE Consortium	16/10/2015	CCP-1	B 200	Oil Spill	1. Concrete pump out operations were ceased; 2. The source of the leak was located and spill containment material deployed to the underside of the hydraulic hose; 3. Multiple spill kits were retrieved from the surrounding works areas and transported to the spill area; 4. Spill absorbent material including pads, dry granular absorbents and spill booms were deployed immediately onto the spill impacted area and below the source of the spill; 5. A portable, collapsible bund was then collected and installed immediately below the burst hydraulic hose (and over the already installed absorbent material) to contain spilt oil and prevent further contamination of the ground surface; 6. An earthen bund was constructed surrounding and down gradient to the spill impacted area to further contain the spill.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	Approximately 60L
004292	JKC	16/10/2015	JKC	E 600	Spill - Tridol S3	Packing lists were consulted this identified the concentrated fire fighting foam (Tridol S3) Further packing lists were sourced from JKC material controller for the bay. A mix of shipments were in the area. Segregation of the shipments was then undertaken to segregate chemicals and materials. Eight crates were identified as containing the chemical, most of the crates were observed to be leaking. Peat has been deployed in the area to soak up the leaking material. A single crate was opened to ascertain the failure point and the extent of the problem. Absorbent pads placed to create a bund. Meeting convened with JKC Management to review and develop mitigation plan.	Incident: Environmental	Spill Prevention and Response	Hazardous chemical	Hazardous chemical	>800L
004303	Leighton Contractors and Morris Corporation	17/10/2015	JKC	C 500	Flying Fox caught in barbed wire of perimeter fence	Animal was removed from fence and taken to the Arc Hospital in Palmerston.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004304	Leighton Contractors and Morris Corporation	19/10/2015	JKC	E 100	Flying Fox caught in barbed wire of perimeter fence	Flying Fox removed from the barbed wire on the perimeter fence and taken to the ARC Hospital in Palmerston.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004306	Leighton Contractors and Morris Corporation	20/10/2015	JKC	B 300	Flying Fox caught in barbed wire of perimeter fence	Flying foxes were removed from fence and disposed.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004459	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Dangerous Goods & Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
004462	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Dangerous Goods & Hazardous Materials Management 2	N/A	Incident: Environmental	Other			
004465	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Dangerous Goods & Hazardous Materials Management 3	N/A	Incident: Environmental	Other			
004466	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Spill Prevention & Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004467	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Spill Prevention & Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004473	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Waste Management 1	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
004476	East Arm Civil	21/10/2015	CVL-7	E 600	CVL-7 - Site HSE Audit Oct 2015 - Surface Water Management 1	N/A	Incident: Environmental	Surface Water Management	Quality of discharge on-site does not comply with the criteria listed in the CEMP/EIMP		
004329	JKC	22/10/2015	JKC	E 300	Removal of a skip bin containing unsecured spent blast material	The bin was removed from site and sent to Shoal bay Waste Management Facility for disposal under a standing/pre-approved waste acceptance as general solid waste (non-putrescible).	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004332	CH2MHill-UGL JV / GE Consortium	23/10/2015	CCP-1	B 200	Level 1 Spill Incident - Spent Blast Material	The three bulker bags in question were picked up and transported inside the abrasive blast enclosure.	Incident: Environmental	Spill Prevention and Response	Hazardous chemical	Hazardous chemical	<10 kilograms
004346	Monadelphous KT	24/10/2015	GEP-1	GEP	Concrete Seepage from containment bag.	Bags, now dried, were removed and disposed of as construction waste. Dried cement material on the road batter and the edge of vegetation was cleaned using an excavator. The soil impacted upon was disposed of as construction waste.	Incident: Environmental	Spill Prevention and Response	Hazardous chemical	Hazardous chemical	approx 20L
004352	CH2MHill-UGL JV / GE Consortium	27/10/2015	CCP-1	E 600	SBM spill from stack frame during lift CCPP Area 7/1	The material was collected and stored with existing onsite SBM waste material approx 1kg. The operatives notified site Environmental Advisor who notified the Contractor and conducted additional inspection to validate complete removal of SBM from ground and took photos of saddles now in Laydown 1. See attached.	Hazard: Environmental	Waste Management	Listed/Hazardous waste	Hazardous chemical	1 KG Garnet/Listed Waste
004379	Leighton Contractors	29/10/2015	CVL-3	A 100	Non-compliant waste disposal	Contaminated waste was removed from the construction skip and disposed of appropriately.	Hazard: Environmental	Waste Management	Listed/Hazardous waste		
004841	ESS Larrakia	5/11/2015	OPS-2	OPS-2 Office	OPS-2 Site HSE Audit Oct 15: Dangerous Goods and Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
004901	ESS Larrakia	5/11/2015	OPS-2	Chemical Storage	OPS-2 Site HSE Audit Oct 2015: Dangerous Goods and Hazardous Materials Management 2	N/A	Incident: Environmental	Other			
004902	ESS Larrakia	5/11/2015	OPS-2	Chemical Storage	OPS-2 Site HSE Audit Oct 2015: Dangerous Goods and Hazardous Materials Management 3	N/A	Incident: Environmental	Other			
004903	ESS Larrakia	5/11/2015	OPS-2	Chemical Storage	OPS-2 Site HSE Audit Oct 2015: Dangerous Goods and Hazardous Materials Management 4	N/A	Incident: Environmental	Other			
004904	ESS Larrakia	5/11/2015	OPS-2	Chemical Storage	OPS-2 Site HSE Audit Oct 2015: Dangerous Goods and Hazardous Materials Management 5	N/A	Incident: Environmental	Other			
004905	ESS Larrakia	5/11/2015	OPS-2	Chemical Storage	OPS-2 Site HSE Audit Oct 2015: Spill Prevention and Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
004968	ESS Larrakia	5/11/2015	OPS-2	OPS-2 Office	OPS-2 Site HSE Audit Nov 16: Spill Prevention and Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Hazardous chemical		
005024	ESS Larrakia	5/11/2015	OPS-2	Maintenance Workshop	OPS-2 Site HSE Audit Nov 15: Spill Prevention and Response 3	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
005025	ESS Larrakia	5/11/2015	OPS-2	OPS-2 Office	OPS-2 Site HSE Audit Nov 15: Waste Management 1	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005026	ESS Larrakia	5/11/2015	OPS-2	Administration	OPS-2 Site HSE Audit: Waste Management 2	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005028	ESS Larrakia	5/11/2015	OPS-2	Potable Water Tanks	OPS-2 Site HSE Audit Nov 15: Surface Water, Sediment and Erosion Management 1	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005181	ESS Larrakia	5/11/2015	OPS-2	Administration	OPS-2 Site HSE Audit Nov 15: Weed and Mulch Management 1	N/A	Incident: Environmental	Weed Management			
005182	ESS Larrakia	5/11/2015	OPS-2	Administration	OPS-2 Site HSE Audit Nov 15: Landscape Management 1	N/A	Incident: Environmental	Weed Management			
004563	JKC	15/11/2015	JKC	E 300	Injured Green Pygmy Goose	Bird captured and transferred to Vet clinic in Palmerston.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004550	Leighton Contractors and Morris Corporation	16/11/2015	JKC	E 100	Flying Fox caught in barbed wire of perimeter fence	Animal was removed and disposed. Entered into fauna register and entered into MYOSH.	Incident: Environmental	Fauna Management	Terrestrial fauna		Nil
004591	Monadelphous Engineering Associates	18/11/2015	MEC-2	D 200	Material blown into waterway.	Informed Environmental department of occurrence.	Incident: Environmental	Other			
004598	CH2MHill-UGL JV / GE Consortium	19/11/2015	CCP-1	E 600	Level 1 Spill Event - Diesel Fuel - Lay down 1	The employee collected a spill kit and used absorbent material to contain the spray and isolate the fuel cell hose connection with the portable diesel generator. The diesel spill was captured within the purpose built containment bund surrounding the fuel cells and portable generators. Relevant stakeholders were informed and the investigation commenced and spill cleanup commenced. Residual diesel in bund was treated with a chemical to bio-remediate fugitive hydrocarbon post removal by oily water truck.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	Estimated 20-50L
004611	CBI Constructors	20/11/2015	TNK-2	C 300	Minor spills from Gensets at C300	Spill Tray, Monarflex lining, Spill pads and Sandbags placed at fill points to catch spills.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	Less than 50ml
005183	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Surface Water Management	N/A	Incident: Environmental	Surface Water Management	EIMP criteria exceedance		
005184	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Erosion and Sediment Control 1	N/A	Incident: Environmental	Erosion and Sediment Control	Erosion and sediment controls have not been properly installed /maintained and/or failed		
005185	Ventia	20/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Environmental Risk Management 1	N/A	Incident: Environmental	Other			

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
005300	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Environmental Risk Management 2	N/A	Incident: Environmental	Other			
005301	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit: Dangerous Goods and Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
005302	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Dangerous Goods and Hazardous Materials Management 3	N/A	Incident: Environmental	Other			
005307	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Dangerous Goods and Hazardous Materials Management 6	N/A	Incident: Environmental	Other			
005359	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Dangerous Goods and Hazardous Materials Management 4	N/A	Incident: Environmental	Other			
005361	Wagners	20/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Dangerous Goods and Hazardous Materials Management 5	N/A	Incident: Environmental	Other			
004632	JKC	22/11/2015	JKC	E 600	Flying Fox caught in barbed wire of perimeter fence	Once the incident was reported the flying fox was carefully removed from the fence and placed in a box for transport.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004637	Monadelphous Engineering Associates	24/11/2015	MEC-2	C 500	Uncontrolled release of storm water	Supervisors and management advised of the correct procedure to pump out storm water to nearby v-drains.	Incident: Environmental	Surface Water Management	Discharge without permit on-site	Uncontrolled discharge	200L
004674	JKC	24/11/2015	JKC	E 600	Dangerous Goods at Remote Yard 1888	These Products were removed from yard 1888 and relocated to the JKC Warehouse where Quarantined.	Incident: Environmental	Quarantine Management			
004652	Leighton Contractors and Morris Corporation	27/11/2015	OPS-1	E600	Bund breach at transformer oil storage area - Haz Waste Slab	None could be taken	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon		
005186	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 16: Environmental Risk Management 2	N/A	Incident: Environmental	Other			
005187	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Dangerous Goods & Hazardous Materials Management 3	N/A	Incident: Environmental	Other			
005188	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Dangerous Goods & Hazardous Materials Management 4	N/A	Incident: Environmental	Other			
005190	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Spill Prevention and Response 1	N/A	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical		
005191	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Spill Prevention and Response 2	N/A	Incident: Environmental	Spill Prevention and Response	Hazardous chemical		
005193	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Environmental Risk Management 1	N/A	Incident: Environmental	Other			
005194	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Spill Prevention and Response 3	N/A	Incident: Environmental	Spill Prevention and Response	Hazardous chemical		
005197	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Waste Management 1	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005199	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Waste Management 2	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005200	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Waste Management 3	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005201	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Surface Water Management 1	N/A	Incident: Environmental	Surface Water Management	Quality of discharge on-site does not comply with the criteria listed in the CEMP/EIMP		
005202	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Erosion and Sediment Control 1	N/A	Incident: Environmental	Erosion and Sediment Control	Erosion and sediment controls have not been properly installed /maintained and/or failed		
005204	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Weed and Pest Management 1	N/A	Incident: Environmental	Weed Management			
005205	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Flora and Fauna Management 1	N/A	Incident: Environmental	Fauna Management	Terrestrial fauna		
005308	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Environmental Risk Management 3	N/A	Incident: Environmental	Other			
005309	Ventia	27/11/2015	OPS-1	E 600	OPS-1 Site HSE Audit Nov 15: Dangerous Goods & Hazardous Materials Management 1	N/A	Incident: Environmental	Other			
005356	Ventia	27/11/2015	OPS-1	E 800	OPS-1 Site HSE Audit Nov 15: Dangerous Goods & Hazardous Materials Management 2	N/A	Incident: Environmental	Other			
005357	Wagners	27/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit Nov 15: Environmental Risk Management 1	N/A	Incident: Environmental	Other			
005358	Wagners	27/11/2015	CVL-4	E 800	CVL-4 Site HSE Audit: Dangerous Goods and Hazardous Materials Management 2	N/A	Incident: Environmental	Other			
004694	East Arm Civil	2/12/2015	CVL-7	E 400	Dewater excavation without dewatering permit	JKC and EAC representatives notified	Hazard: Environmental	Surface Water Management	Discharge without permit on-site		2kL
004731	Leighton Contractors	8/12/2015	BLD-1	E 400	IBC pod valve left open - release of site water and detergent	No attempt to stop the discharge or turn off the tap was made due to the Red alert at the time of this photo.	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical	Non- hazardous chemical	more than 200L

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004719	Monadelphous KT	9/12/2015	GEP-1	GEP	Loss of hydrotest water to Beach Valve laydown	Contractor Environmental representative was contacted. A temporary containment bund was constructed on the western side of the tank to prevent the water from escaping the worksite. Advice was sought from the Contractor as to the suspension of the GEP fill process to limit water release from the header to the tank. Contractor advised to continue with the operation and to contain the water on site. Due to continuation of hydrotest fill, an additional 80kL of water is expected to join the 100kL already in the tank. This will bring the total possible water release to the temporary containment bund to approximately 100kL. Water quality was sampled to establish the likely level of contaminants in the water. pH = 7.50, Turbidity = 50.6 NTU (refer to attached photographs), No visible sheen, No odour and No other visible contaminants. These results are within the water reuse criteria for the site under Water Discharge Procedure (L290-AB-PRC-10265) Water has been resident in the GEP pipe for approximately 6 days. Water quality in the pipe was also compared to the soak test results for the GEP (to 28 days residency) and the preliminary water test results for the input water quality (see attachments), revealing no likely exceedances of project water reuse criteria. It is therefore expected that the water is unlikely to be contaminated, and will be able to be reused for construction. Water samples (x3) were taken and sent to a NATA-accredited laboratory at 14:00 on 9/12/15 for verification testing (refer to attached COC).	Incident: Environmental	Spill Prevention and Response	Contaminated water	Contaminated water	approximately 100kL collected in a temporary containment bund
004727	Leighton Contractors	10/12/2015	BLD-1	E 400	Deceased bat (believed to be a Lesser Long-eared Bat) discovered in the Operations Complex (Lab)	Photos of the deceased bat were taken for identification purposes, and the deceased bat collected for disposal.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004737	Monadelphous Engineering Associates	11/12/2015	MEC-2	B 500	Welding machine slides off telehandler tines	Welding machine up righted and moved off the road and diesel spill cleaned up and reported	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	
004900	AEC	11/12/2015	AEC		Noise monitoring data gap 11/12/15 to 20/12/15	Other noise monitoring locations collected and transferred data successfully; these will be analysed along with noise file recordings.	Hazard: Environmental	Noise and Vibration Management			
004749	JKC	14/12/2015	JKC	E 600	Non-compliant storage of hazardous/listed waste within JKC Hazardous Waste Facility	The non-compliant situations were brought to the attention of Management (Suzanne Mayne, and Rayford Bebee), and JKC Subcontract Rep (John Offerle). JKC's Manager of the Facility (WST-1) was advised at the time of the inspection to address immediate concerns, including; spill clean up, and pallet bund maintenance.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
004766	Leighton Contractors and Morris Corporation	14/12/2015	JKC	MOF	Flying Fox caught in barbed wire of perimeter fence	Flying Fox was removed from the fence and taken to the ARC Hospital in Palmerston	Incident: Environmental	Fauna Management	Terrestrial fauna		N/A
005372	AEC	17/12/2015	JKC		Noise Monitor Data Gap - PAAN01 (17-31 December 2015)	The noise logger was returned to the manufacturer for diagnosis and repair.	Incident: Environmental	Noise and Vibration Management			N/A
004786	Leighton Contractors and Morris Corporation	21/12/2015	OPS-1	E600	WWTP Sewerage Overflow	VAC truck pumped out all liquid from WWTP bund, for treatment and discharge via the WWTP.	Hazard: Environmental	Spill Prevention and Response	Sewage	Sewage	Unkown
004787	Leighton Contractors and Morris Corporation	21/12/2015	OPS-1	E600	Hazardous Waste Slab is halfway inundated with water	None can be taken as this area is to have bungs in place until JKC provides the new risk assessment with controls or instruction Water will continue to pool in this area	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
004815	CH2MHill-UGL JV / GE Consortium	21/12/2015	CCP-1	E 600	Hydrocarbon contaminated surface water release	Marine hydrocarbon absorbent spill booms were deployed to areas where surface water was entering the perimeter drainage system, to capture and absorb residual surface hydrocarbons on the flowing surface water prior to reaching the drains. Marine spill booms were also installed in the swale drain down stream of contaminant to skim hydrocarbon off water. Penetrations in the rock filter bund were fixed to prevent surface water from freely flowing into the swale drain. AEC Environmental mobilized to site to sample, and test water for hydrocarbons. Inspection conducted to try to identify point source of contamination. Inspection ascertained that the source of contamination is diffuse.	Incident: Environmental	Surface Water Management	Quality of discharge on-site does not comply with the criteria listed in the CEMP/EIMP	Contaminated water	Unknown volume estimated between 1000 liters and 10,000 liters of contaminated surface water
004788	JKC	22/12/2015	JKC	1888	Breach of Development Permit DP13/0486A	Inspected products and the integrity of storage containers. Raise work order to remove dangerous goods, hazardous material and liquids from EMA excised portion and store in suitably licenced area of site in accordance with product SDSs.	Incident: Environmental	Other			N/A
005369	AEC	31/12/2015	JKC	EMA	Uncollected Dust Deposition Monitoring Sample - BPDD02 (December 2015)	N/A	Incident: Environmental	Dust and Air Quality Management			N/A
004855	Leighton Contractors and Morris Corporation	14/01/2016	OPS-1	E600	Flying Fox caught in barbed wire of perimeter fence	Worker reported sighting to Environment team and was instructed to remove the carcass, Carcass appeared more than one day old. Species was Little Red Flying Fox	Incident: Environmental	Fauna Management	Terrestrial fauna		
005374	AEC	14/01/2016	JKC		Continuous Offshore Surface Water Quality Monitoring - Data Gap (January 2016)	N/A	Incident: Environmental	Surface Water Management			N/A
004871	Leighton Contractors and Morris Corporation	16/01/2016	OPS-1		Flying Fox caught in barbed wire of perimeter fence	Control already in place on fence, however reviewing the effectiveness of this control to extend it or improve on it might be necessary.	Incident: Environmental	Fauna Management	Terrestrial fauna		
004873	Kentz	16/01/2016	ELE-1	EMA	Hydraulic Oil Spill	Truck parked up in a safe location. Spilled area barricaded for clean up. Clean up commenced. Sealed skip bins mobilized to the site of the spill to contain contaminated soil Barricading placed on road to prevent vehicles from driving over oil.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	approximately 100L

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
004877	Leighton Contractors and Morris Corporation	17/01/2016	OPS-1	E600	Flying Fox caught in barbed wire of perimeter fence	Bunting is on perimeter fence but not fully effective	Incident: Environmental	Fauna Management	Terrestrial fauna		
004881	Leighton Contractors and Morris Corporation	19/01/2016	OPS-1	E600	Flying Fox caught in barbed wire of perimeter fence	NA	Incident: Environmental	Fauna Management	Terrestrial fauna		
005312	JKC	19/01/2016	JKC	Marine (Darwin Harbour)	Waste Discharge Licence 192 - Exceedance of Trigger Value (TP)	Obtained the monthly compliance data for August 2015- February 2016 and reviewed for potential noncompliances. Identified two potential exceedances. Performed risk assessments against the trigger criteria, standards and WDL requirements. Identified no/low adverse impacts. Notified environmental monitoring subcontractor, Greencap, by email to ensure as soon as analytical results were received going forward, that a review of the data would be conducted by Greencap and JKC would be advised of exceedances and provide the analysis of the analytical results as soon as possible. Coordinated with OPS-1 wastewater treatment plant supervisor to ensure JKC environmental team added to the daily operating report distribution and to modify the parameters on the daily report to include the additional WDL relevant analyte results. Held a meeting with OPS-1 to discuss immediate controls to be put in place.	Incident: Environmental	Surface Water Management			N/A
004910	KHI / LOR Consortium	22/01/2016	TNK-1	C 200	Quarantine Event - KIDB 27	14 crates (195 packages) were delivered to site and immediately returned to SDV yard awaiting DA advice.	Incident: Environmental	Quarantine Management			
005338	AEC	31/01/2016	JKC		EIMP Deviation - Groundwater Monitoring Well BPGW27A	N/A	Incident: Environmental	Groundwater Management			N/A
005376	AEC	1/02/2016	JKC		Continuous Offshore Surface Water Quality Monitoring - Data Gap (February 2016)	N/A	Incident: Environmental	Surface Water Management			N/A
005056	CBI Constructors	2/02/2016	TNK-2	C 300	TNK-2 Site HSE Audit Jan 2016: Environmental 1	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
005057	CBI Constructors	2/02/2016	TNK-2	C 300	TNK-2 Site HSE Audit Jan 2016: Environmental 2	N/A	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
005058	CBI Constructors	2/02/2016	TNK-2	C 300	TNK-2 Site HSE Audit Jan 2016: Environmental 3	N/A	Incident: Environmental	Spill Prevention and Response	Hazardous chemical		
005060	CBI Constructors	2/02/2016	TNK-2	C 300	TNK-2 Site HSE Audit Jan 2016: Environmental 4	N/A	Incident: Environmental	Spill Prevention and Response	Hazardous chemical		
005061	CBI Constructors	2/02/2016	TNK-2	C 300	TNK-2 Site HSE Audit Jan 2016: Environmental 5	N/A	Incident: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005062	CBI Constructors	2/02/2016	TNK-2	C 300	TNK-2 Site HSE Audit Jan 2016: Environmental 6	N/A	Incident: Environmental	Waste Management	Listed/Hazardous waste		
005038	CH2MHill-UGL JV / GE Consortium	10/02/2016	CCP-1	E 600	Procedural Breach - Absence of Segregation of Treated/Untreated Timber	Timber segregation requirements were immediately communicated to CCP1 HSES Manager, and Environmental Advisor, by JKC.	Incident: Environmental	Waste Management	Listed/Hazardous waste		N/A
005040	JKC	10/02/2016	JKC	E 600	Failure to segregate treated wood from untreated wood	The wood scrap yard was closed to prevent uncontrolled dumping of timber, processing of contaminated loads of timber has ceased, and removal of timber by WST1 has ceased to prevent timber from being removed from site to Shoal Bay Waste Management Facility.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
005370	AEC	13/02/2016	JKC		Noise Monitor Fault - PAAN01 (13-29/2/2016)	The windssock was placed back on the microphone	Incident: Environmental	Noise and Vibration Management			N/A
005093	AMJV	18/02/2016	PSI-1	E 600	Minor spill to ground Non-hazardous substance	Spill immediately contained by applying absorbent material as required under Spill Response Procedure. Absorbent material collected and managed as contaminated material. Ground reinstated to original condition. Safety stand-down held with all Workshop and Stores personnel to communicate event and reiterate controls.	Incident: Environmental	Spill Prevention and Response	Non-hazardous chemical	Non-hazardous chemical	
005096	JKC	18/02/2016	JKC	EMA	EMA Mine Management Plan non-compliance relating to surface water management and ESC.	A Senior Management meeting (meeting minutes attached) was held to discuss/arrange appropriate immediate actions to manage ESC as well as other MMP requirements on 23 February. Details of controls including commencement of EMA rehabilitation was discussed with a proposed start during dry season 2016. In the interim, the site shall be monitored following a rain event (>10mm) with any areas/catchments showing greater risk of deterioration flagged for immediate attention.	Incident: Environmental	Erosion and Sediment Control	Erosion and sediment controls have not been properly installed /maintained and/or failed	Uncontrolled discharge	To be determined
005108	MAS Australasia	20/02/2016	SCF-1	A 100	EWP Spill - Less Than 1 Litre	Personnel stopped work and the spill was controlled, contain and cleaned up as required. EWP (MEC-1 279 MH06) was placed "Out of Service". MAS and JKC Management notified and investigation commenced.	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	Less than 1L of Hydraulic oil
005113	Leighton Contractors	20/02/2016	BLD-1	E 400	Contaminated water - spill of diluted Stonewall Polymer	Upon discovery of the spill, the drain was immediately sandbagged to prevent any further leakage of contaminated water into the retention basin, and the truck emptied of the remaining polymer (sprayed onto the east blast berm). A pump was used to transfer the remaining liquid from within the drain and upslope parking area into appropriate containment (IBC). The drain was wiped clean to remove excess contaminated water. A sandbag wall was constructed at the outlet of the subsoil drain to form a contained area should more contaminated water leak. This area was filled with vermiculite floor sweep (approx. 80kg) to absorb any further potential leakage. No further leakage was observed and the remaining floor sweep was removed at the commencement of shift Monday 22/2.	Incident: Environmental	Spill Prevention and Response	Contaminated water	Contaminated water	900L
005142	JKC	20/02/2016	JKC	E 400	Uncontrolled discharge of concrete wastewater	Wastewater dried/ evaporated leaving behind a cement residue on the ground. Cement residue was scrapped up, and placed back on the concrete stockpile.	Hazard: Environmental	Waste Management	Listed/Hazardous waste	Contaminated water	

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
005148	Monadelphous KT	25/02/2016	GEP-1	GEP	Loss of sediment to the receiving environment	Excavator working on reinstatement has been deployed to undertake remediation of sediment traps at GEP KP3.05 and GEP KP3.54. Where practicable remediation is to be undertaken during reinstatement works.	Hazard: Environmental	Erosion and Sediment Control	Erosion and sediment controls have not been properly installed /maintained and/or failed	Uncontrolled discharge	Surface soil cover approximately 5mm thick over an area of 10m2.
005180	JKC	1/03/2016	JKC	E 400	BLD1 weekly LPI (environmental)	No immediate/temporary controls adopted at time of inspection.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005377	AEC	1/03/2016	JKC		Continuous Offshore Surface Water Quality Monitoring - Data Gap (March 2016)	N/A	Incident: Environmental	Surface Water Management			N/A
005208	JKC	3/03/2016	JKC	E 600	CCP-1 Weekly Environmental Inspection (Lay down 2)	Corrective actions identified, recorded, and photographed for upload to MYOSH and for rectification by CCP-1	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005346	JKC	3/03/2016	JKC	E 600	Fortnightly LPI (Dangerous Goods and Hazardous Materials Management) with WST-1 and OPS-1	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005217	JKC	4/03/2016	JKC	E 600	SCF-2 (KAEFER) fortnightly LPI19	Metal pales/buckets were immediately removed form the general waste skip. Flagging around the shared wood bin was reinstalled. A weed found in the swale drain was removed on the spot.	Hazard: Environmental	Other			
005222	JKC	4/03/2016	JKC	E 600	SCF-1 fortnightly LPI (no.19)	Jerry cans were placed within a spill tray immediately by HSE Manager.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005226	JKC	4/03/2016	JKC	C 100	TNK-1 weekly LPI inspection 4-3-16	Enviro rep from subcontractor raised actions with construction teams to rectify	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005232	JKC	5/03/2016	JKC	E 600	GEP-1 LPI inspection 5-3-16	fix exit control	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		nil
005241	Monadelphous Engineering Associates	7/03/2016	MEC-2	E 300	Discharge of diluted grey water from tank	- Pump turned off and tagged out of service - Ablution block tagged out of service - Spill booms deployed to contain spill	Incident: Environmental	Other		Non-contaminated water	Approximately 300L
005242	JKC	7/03/2016	JKC	B 300	Sewerage spill at flare pad B300 north 7 Mar 2016	The sewage were sucked from the septic tanks; lime was applied on the road to sanitize the area and control the odour. The pipes were connected back.	Incident: Environmental	Spill Prevention and Response	Sewage	Sewage	About 2,000L
005248	JKC	7/03/2016	JKC	E 600	PSI-1 Environmental LPI MYOSH #10055	Notified stakeholders	Hazard: Environmental	Non Compliance			
005244	JKC	9/03/2016	JKC	E 600	Fortnightly LPI (environment) with WST-1	Nil. Need improvement findings recorded for follow up.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005245	JKC	9/03/2016	GEP-1	GEP	Dangerous Goods and Hazardous Material Storage and Containment	Either label or dispose of unknown product stored in DGHM container; Address housekeeping by storing goods appropriately to allow uninhibited access to container; and Remove all combustible materials stored in container.	Incident: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		N/A
005348	JKC	9/03/2016	JKC	E 600	WST-1 fortnightly LPI (Environmental)	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005258	JKC	10/03/2016	JKC	B 200	CCP-1 weekly LPI (environment)	Nil at time. Need improvement findings were recorded and will be raised as corrective action against CCP-1.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005265	JKC	10/03/2016	JKC	B 300	MEC-2 LPI 2016-03-10	Action the above.	Hazard: Environmental	Waste Management	Non-listed/Non-hazardous waste		None
005268	JKC	11/03/2016	JKC	E 600	ELE-1 weekly LPI (environment)	Nil. Findings were recorded and will be raised as corrective action against ELE-1.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005271	KHI / LOR Consortium	11/03/2016	TNK-1	C 200	Minor spills from plant at HR1	Spills shall be cleaned up and procedures reviewed.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	15L
005272	JKC	11/03/2016	TNK-2	C 300	LPI Inspection TNK-2 C300	LPI Inspection of TNK-2 C300 workfront. Findings include: Bund maintenance (temporary paint storage) by draining bund of storm water and cover with bund cover/tarp; Install protection around temporary paint bund to protect against traffic; Litter throughout site and must be collected and disposed of appropriately; Housekeeping in DGHM container in laydown yard, where chemical thinner and paint drum/containers were stacked too high >3 high; Wastewater arising from pressure compressor not appropriately contained and actively discharging onto surface (characteristic of wastewater unknown); Numerous spills around the paint mixing station, further containment is required, this either includes eliminating the spills at source of partial encapsulation.	Hazard: Environmental	Other			N/A
005273	Kentz	12/03/2016	ELE-1	E600	Storage of combustible materials within Dangerous Goods cabinets	Area Supervisor was informed. Instruction was provided to remove the cardboard within the Dangerous Goods Container.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		NA
005292	CH2MHill-UGL JV / GE Consortium	14/03/2016	CCP-1	E 600	Level 1 Spill - Contaminated Water	Flange at the base of the piece of plant was rebolted to seal bottom vessel and contain water. An investigation is pending.	Incident: Environmental	Surface Water Management	Quality of discharge on-site does not comply with the criteria listed in the CEMP/EIMP	Contaminated water	Estimate approximately 1,500L
005295	JKC	15/03/2016	JKC	E 400	BLD-1 weekly LPI (Environment)	Nil. Corrective actions were identified, discussed, and recorded for allocation to BLD-1.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
005313	JKC	15/03/2016	JKC		Waste Discharge Licence 192 - Failure to notify noncompliance within 24 hours	Meeting and email with Subconsultant, Greencap to clarify communications and requirement for analyses to be completed within the normal turnaround time, reviewed and assessed immediately for potential exceedances and provided to JKC as soon thereafter as possible. See environmental incidents #5304 and 5312 for details of actions related to the exceedances of the WDL 192 trigger criteria.	Incident: Environmental	Surface Water Management			
005331	JKC	15/03/2016	JKC	E 200	MEC-2 LPI 2016-03-15	No diesel transfer until drip tray is available as control. Related Subcontractor report in MYOSH: 010354	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon		
005353	JKC	16/03/2016	JKC	E 600	Hazardous and Controlled Waste Slab - fortnightly LPI (Feb-Mar 2016)	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005324	JKC	17/03/2016	JKC	E 600	CCP-1 weekly LPI (environment) - laydown 1	Bund liner within fuel bund located on corner of HR9 and LD1 was secured during the inspection. No other controls were implemented during the inspection.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005352	JKC	17/03/2016	GEP-1	GEP	General LPI Inspection 20160317	Findings include, clean up and fluff up rumble pad at Beach Valve access 1; Street sweep sediment up tracked onto WPR; Weed removal at the OSBL laydown facility	Hazard: Environmental	Other			N/A
005533	JKC	17/03/2016	JKC	E 600	Waste Discharge Licence 192 late reporting exceedances (Aug, Dec 2015, Jan, Feb and Mar 2016)	Completed risk assessment of results including comparison with WDL192, end of pipe, upstream and downstream samples. No correlation between end of pipe discharge and the sample exceedances. Reporting of technical non-compliances to NT EPA.	Incident: Environmental	Surface Water Management			
005327	JKC	18/03/2016	JKC	E 600	ELE-1 Weekly LPI (Environment)	Nil. Findings were recorded and corrective actions to be assigned to relevant parties for action.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005344	JKC	19/03/2016	JKC	1888	OPS-1 2016-03-19 Joint Weekly Environment LPI 1888 Washpad pipe cleaning	Need housekeeping around wash pad. Initial litter pick up around pad and conduct a more extensive around pad area. Determine purpose of flammable cabinet and remove from area if not required.	Hazard: Environmental	Other			
005362	CH2MHill-UGL JV / GE Consortium	19/03/2016	CCP-1	B 600	Sump overflow onto Wash down bay releasing hydrocarbon.	1.The area was demarcated and controls put in place. The client was notified and S200 oil gone was applied the following morning and spill response actioned. Site made secure. 2. Facilities were notified hydrocarbon spill response was actioned. Drainage system was shut down.	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	50L
005351	UGL-Kentz Joint Venture	21/03/2016	JKC	A 300	MEC-1 LPI 2016-03-19	Subcontractor to plan, schedule and implement corrective actions.	Hazard: Environmental	Other			N/A
005354	Leighton Contractors and Morris Corporation	21/03/2016	OPS-1	E600	Minor leak of transformer oil at Controlled Waste Slab	Marine hydrocarbon boom was laid along the back of the slab where bungs are hydrocarbon pads were spread over visible areas of transformer oil for absorbent Outlets were inspected for downstream contamination Transformer oil found in oily water puraceptor baffles. None visible in adjacent downstream drain, sediment basin or mangrove outlet. Contacted licensed waste subcontractor to arrange emptying of puraceptor later today Tarps and cyclone ropes removed from all IBC's for thorough inspection of all IBC valves and plugs 19 IBC's with potentially dripping valves identified and marked with a yellow X 3 IBC's with damaged frames identified and marked with an X	Incident: Environmental	Spill Prevention and Response	Hydrocarbon		
005364	JKC	22/03/2016	JKC	E 600	BLD-1 weekly LPI (Environment)	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005389	JKC	23/03/2016	JKC	E 600	Fortnightly LPI (environment) WST-1	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005393	JKC	24/03/2016	JKC	E 600	Accumulation of waste at the Hazardous Waste Slab	The removal of waste from the waste slab has progressed with removal of 7x consignments of waste to South Australia since opening of the Slab back in May 2015.	Incident: Environmental	Waste Management	Listed/Hazardous waste		
005429	JKC	24/03/2016	JKC	E 600	Weekly LPI (Environment) CCP-1	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005407	JKC	28/03/2016	JKC	E 600	Post rain inspection observation - perishing sediment fence	Inform company environmental representative of event. request immediate focus from subcontractor crew performing maintenance.	Hazard: Environmental	Erosion and Sediment Control	Erosion and sediment controls have not been properly installed /maintained and/or failed		Nil
005418	JKC	30/03/2016	JKC	E 600	TNK-1 weekly LPI inspection 30-3-16	NA	Hazard: Environmental	Spill Prevention and Response	Hazardous chemical		Nil
005419	CH2MHill-UGL JV / GE Consortium	30/03/2016	CCP-1	B 200	Fauna contact Crane	Task ceased, hazard reported.	Incident: Environmental	Fauna Management	Terrestrial fauna		
005530	JKC	30/03/2016	JKC	E 600	Waste Discharge Licence 211 - Exceedance of Trigger Value (Ammonia)	Completed risk assessment of results including comparison with WDL211, end of pipe, upstream and downstream samples. No correlation between end of pipe discharge and the sample exceedance. Reporting of technical Non-compliance to NT EPA. Water samples from the mixing zone have been progressively collected for analysis since the exceedance. Response sampling per the hydrotest environmental monitoring plan has been scheduled for tomorrow as a precautionary measure. Report due to NT EPA within 15 business days with final results.	Incident: Environmental	Surface Water Management			
005603	AEC	31/03/2016	JKC	E 600	BPPM01 PM10 Invalid data March 2016	The unit has been removed and sent for 24 month calibration and servicing, a temporary unit has been installed in its place.	Incident: Environmental	Dust and Air Quality Management			
005440	JKC	1/04/2016	JKC	E 400	BLD-1 weekly LPI (environment)	Nil.	Hazard: Environmental	Other			

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Incident # MYOSH	Contractor	Date of Incident	Site	Specific Location	Synopsis / Short Description	Immediate Actions	Classification (Table)	Environmental Classification Type	Environmental Classification Subtype	Spill Classification	Volume spilled (L)
005457	JKC	2/04/2016	JKC	E 400	ELE-1 Weekly LPI (Environment)	Nil.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005460	AG&P ALE Ventures	2/04/2016	TRB-1	F 100	Minor oil spill (100ml aprox) into water	One crew member reacted quickly by blocking any further loss with finger until a new fitting was fitted. Existing floating spill boom moved to encapsulate the oil on the water and oil absorbant booms deployed. Event reported to JKC HSE Advisor and Environmental Advisor	Incident: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	100ml
005479	KHI / LOR Consortium	5/04/2016	TNK-1	C 200	Procedure breach - Dewatering external tank 4 butress to regulated drain.	JKC Ron Thomas reported set up of lay flat to Environmental Advisor 1430. Environmental Advisor went to tank 4 for inspection. Dewatering had already occurred. Pictures and sampling taken. Commenced investigation. Reported to LOR Management and JKC. Regulated drain cleaned up by earthworks crew with vac truck and sand bags.	Incident: Environmental	Surface Water Management	Discharge without permit on-site		
005492	JKC	5/04/2016	JKC	D 100	MEC-2 LPI 2016-04-04	1) Picked up the three cigarette butts found on the concrete deck near jetty under the product loading arm 2) Per LPI attachment	Hazard: Environmental	Spill Prevention and Response	Sewage		N/A
005480	JKC	6/04/2016	JKC		WST-1 fortnightly LPI (Environmental)	Observations were noted on an LPI record for follow up with responsible persons.	Hazard: Environmental	Non Compliance	Procedural (e.g. discharge without permit)		
005486	Wagners	6/04/2016	CVL-4	E600	Hydraulic hose burst	Spill was covered with dry sand immediately and supervisor informed	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	20L
005493	JKC	6/04/2016	JKC	A 100	MEC-1 LPI 2016-04-06 04 Housekeeping	Instruction to clean up the stain patch, as part of the ongoing diesel spill contaminated surface water clean up effort.	Hazard: Environmental	Spill Prevention and Response	Hydrocarbon	Hydrocarbon	
005512	AG&P ALE Ventures	8/04/2016	TRB-1	F 100	Environmental "æ" Bird fouling by lanolin	The bird was removed from the drip tray and taken to The ARK animal hospital in Palmerston for treatment. JKC Environmental department informed.	Incident: Environmental	Fauna Management	Terrestrial fauna		
005524	JKC	9/04/2016	TRB-1	MOF	General Environment LPI of temporary pontoon	Lanolling observed to be dripping from port forward winch onto TP deck; and waste slag had been swept up for collection and disposal in several locations on the west side of the TP deck.	Hazard: Environmental	Other			N/A
005527	JKC	11/04/2016	JKC	E 600	Non-compliance with post rain inspection requirements	Additional data was requested from Subcontractors which did produce more records however there was still inspection records not provided. JKC had completed Project wide post rain inspections on the days that Subcontractors had missed. This non-compliance isnt expected to have resulted in any actual environmental harm.	Hazard: Environmental	Erosion and Sediment Control			N/A
005532	JKC	12/04/2016	JKC	E Area 5	Environmental Loss Prevention Inspection	All items have been recorded and corrective actions raised to rectify inspection findings.	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005535	JKC	12/04/2016	GEP-1	GEP	GEP Reinstatement KP0.6 - 3.6	Although polymer has been applied across terrestrial ROW, Contractor shall review stabilization of the above ROW sections during both 2016 dry season and wet season. An erosion hazard risk assessment shall be completed on areas that have potential to present risk of erosion during wet season.	Hazard: Environmental	Rehabilitation Management	Failure to effectively rehabilitate the area at the time of handover.		N/A
005542	JKC	13/04/2016	GEP-1	GEP	GEP Reinstatement Inspection Punch list Items KP 3.6 - 6.5	Findings and punch list actions raised include: KP 4- 4.8 the access track has not re-vegetated. Track has been seeded and polymer sprayed. Please see above finding. Rock line clean water diversion to be complete KP 4.7 Erosion scour on east side of KP4.9; Sediment trap 6 at KP5.3 to be filled in with rock; Erosion and scour resulting from access track KP 5.65; and Flume to be unblocked on pre-existing access track.	Hazard: Environmental	Rehabilitation Management	Failure to effectively rehabilitate the area at the time of handover.		N/A
005544	JKC	13/04/2016	JKC	E 600	New weed species- Class B (sicklepod) and expansion of other Class B weeds.	Send weed maps and findings to OPS1 for targeted weed control program to be undertaken. Confirm with Company that OPS1 is approved to undertake weed control.	Incident: Environmental	Weed Management			N/A
005553	JKC	13/04/2016	JKC	E Area 2	Environmental Area 2 - LPI inspection	Notified all subcontractors to investigate observations	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005676	UGL-Kentz Joint Venture	14/04/2016	MEC-1	E600	Large Number of Cigarette Butts in Regulating Drain	Subcontractor construction superintendent notified. No smoking signage installed along fences to prevent smoking close to the drain.	Hazard: Environmental	Waste Management	Non-listed/Non-hazardous waste		
005595	JKC	18/04/2016	JKC	E Area 6	Environmental Area 6 - LPI inspection	Spoke with Construction superintendent in the field who agreed to install appropriate controls.	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005768	CBI Constructors	19/04/2016	TNK-2	C 300	Variations in water quality results- Buffer tank discharge	Secondary samples and results indicated a return to previous average values. Spreadsheet attached with details.	Hazard: Environmental	Other			N/A
005606	JKC	21/04/2016	JKC	B 200	LPI inspection	Actions raised for Michael to attend to	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005624	KHI / LOR Consortium	22/04/2016	TNK-1	C 200	Quarantine Near Miss - KIDB 27	Identify and isolate the affected crates. Report to JKC Quarantine Officer. Invite Biosecurity (DA) to inspect the crates and advise on action. Inspection undertaken 03/05/2016 by DA Biosecurity, await DA advice for actions.	Hazard: Environmental	Quarantine Management			
005628	JKC	22/04/2016	CCP-1	B 100	General LPI Walkdown	Review SDS of DGHM Container 8, files in folder not consistent with goods stored in container. Review allocation/provision of waste receptacles around B100 work-fronts	Hazard: Environmental	Other			
005640	JKC	26/04/2016	JKC	E Area 5	Environmental Loss Prevention Inspection - Area 5	Observations have been reported and corrective actions are being implemented. Refer to LPI 012011.	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005643	JKC	27/04/2016	JKC	E Area 2	Environmental Area 2 - LPI inspection	No items presented risk to environment. JKC followed up with subcontractor to close out.	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005662	Monadelphous Engineering Associates	27/04/2016	JKC	E 600	Environmental Loss Prevention Inspection - Area 1	Observations have been reported and corrective actions are being implemented. Refer to LPI 012136.	Hazard: Environmental	Non Compliance	Regulatory (e.g. CEMP/Approval)		
005655	JKC	28/04/2016	JKC	A 200	Kentz and UGLK work fronts corrective actions	Immediate notifications by emails to subcontractors for their corrective actions.	Hazard: Environmental	Waste Management	Listed/Hazardous waste		
005666	Leighton Contractors and Morris Corporation	29/04/2016	OPS-1	E600	Deceased juvenile brown snake 1888 access road	Carcass was removed to bush in area 1897 OPS-1 issued a prestart notice on vigilance for brown snakes	Hazard: Environmental	Fauna Management	Terrestrial fauna		

Attachment C: Listed Waste Summary

EPA7-3 Listed Wastes Summary

Listed Waste Category Reporting Period May 2015 - April 2016	Quantity	Unit (tonnes, kilolitres)	Quantity	Container / Receptacle	Method of disposal (recycled, treated, disposal, landfill)
WST-1 VEOLIA					
Aerosols	4.38 (Estimate)	tonnes	73	205 Lt drum (Approx. 0.06 tonnes)	Disposed (interstate; Veolia Liquid Treatment Plant, Kilburn South Australia)
Batteries	6.09	tonnes			Metal Recycler
E-waste (toner cartridges and fluoro tubes)	10.99	tonnes			Recycled
Soil containing a listed waste (including; garnet)	1350.16	tonnes			Disposed (Shoal Bay Waste Management Facility)
Manifest Waste (non-putrescible solid)	6.1 (Estimate)	tonnes	61	pallets (Approx. 0.1 tonnes)	Treated and/or Incinerated (at Veolia South Australia)
Manifest Waste (non-putrescible solid)	12.36 (Estimate)	tonnes	206	205 Lt drum (Approx. 0.06 tonnes)	Treated and/or Incinerated (at Veolia South Australia)
Manifest Waste (liquid/tacky)	3.8 (Estimate)	tonnes	19	pallets (Approx. 0.2 tonnes)	Treated and/or Incinerated (at Veolia South Australia)
Manifest Waste (liquid/tacky)	2.1 (Estimate)	tonnes	35	205 Lt drum (Approx. 0.06 tonnes)	Treated and/or Incinerated (at Veolia South Australia)
Medical	0.75	tonnes			Disposed (RDH Incinerator)
Medical	0.08 (Estimate)	tonnes	1	0.24 m bin (Approx. 0.08 tonnes)	Disposed (RDH Incinerator)
Oily rags	10.32 (Estimate)	tonnes	172	205 Lt drum (Approx. 0.06 tonnes)	Disposed (interstate; Veolia Liquid Treatment Plant, Kilburn South Australia)
Oily water/waste oil	1,470	kilolitres			Reused (Mataranka Lime Kilns)
Quarantine	7.2	tonnes			Disposed
Septic (including sludge)	344	kilolitres			Treated (PWC ponds)
Bio Solid and Septic screening (solids)	50.28	tonnes			Deep Burial Shoal Bay
Treated timber (CCA, phenols)	26.1	tonnes			Disposed
NTRS					
Septic	4,086	kilolitres			Disposed P&W septic Ponds
Medical Waste	0.32 (Estimate)	tonnes	4	240 Lt bin (Approx. 0.08 tonnes)	Disposed (RDH Incinerator)
TPI					
Septic	1,523	kilolitres			Disposed P&W septic Ponds
Oily Water	644	kilolitres			Treatment at TPI
Veolia					
Septic	832	kilolitres			Disposed P&W septic Ponds
Oily Water	70	kilolitres			Treatment by Veolia

Attachment D: General Waste Summary

EPA7-3 General Waste Summary

Waste Category Reporting Period May 2015 - April 2016	Quantity	Unit (tonnes, kilolitres, volume)	Quantity	Container / Receptacle	Method of disposal (recycled, treated, disposal, landfill)
WST-1 VEOLIA					
Cardboard	213.74	tonnes			Recycled
Cans and drink bottles	1.66	tonnes			Recycled
Comingled	1.82	tonnes			Recycled
Concrete	7726.70	tonnes			Recycled
Confidential	24.56	tonnes			Recycled
Construction waste	3228.48	tonnes			Disposed - Shoal Bay
Copper	281.8	tonnes			Recycled
General (crib)	1315.18	tonnes			Disposed
Paper	5.92	tonnes			Recycled
Plastics	12.4	tonnes			Recycled
Plastics	1.1 (Estimate)	tonnes	11	7 m skip bin (Approx. 0.100 tonnes)	Recycled
Soil (clean fill)	0	tonnes			Recycled
Steel (heavy and light gauge)	1273.67	tonnes			Recycled
Timber (non-treated)	4682.72	tonnes			Recycled
NTRS					
Steel - Heavy Guage	313.62	tonnes			Recycled
Steel - Light Guage	30.5	tonnes			Recycled
Steel	52 (Estimate)	tonnes	13	10 m skip bin (Approx. 4 tonnes)	Recycled
Steel	8 (Estimate)	tonnes	4	4 m skip bin (Approx. 2 tonnes)	Recycled
Steel	58.23	tonnes			Recycled
Copper	6 (Estimate)	tonnes	1	8 m skip bin (Approx. 6 tonnes)	Recycled
Sanitary (Feminine hygiene)	0.852 (Estimate)	tonnes	213	15 Lt bin (Approx. 0.004 tonnes)	Disposed (Shoal Bay Landfill)
Veolia					
Steel	53.7	tonnes			Recycled
Copper	12.3	tonnes			Recycled
Wagners					
Concrete	484.3	tonnes			Recycled (Darwin Quarry)