

Site Address: 53 Norang Street, Southport Date Rec'd 19/7/2002 File No: BNE12689

APPLICATION FOR ASSESSMENT OF A SITE INVESTIGATION REPORT

1. PRE-CHECK (Administration Officer)

NOTES

a. Current application form and statutory fee is included	☒	
b. Check Access database to Ensure there is no existing file for the site; check for IPA (attach if file exists)	☒	non
c. Check QVAS	☒	
d. Check EMR to see whether the site is listed. (If not, need Notification form).	☒	Attached
e. Check Certificate of Titles (CoT) for <u>all</u> lots are included	☒	
f. Check that the owner listed on the application form matches that on CoT	☒	
g. Check current Registered Plans for <u>all</u> lots are included	☒	
h. Check Statutory declarations: -Investigator / report preparer has required qualifications and experience -Correct format	☒	Not assessed

More information required? Yes / No

If yes, what is required?

Spoke to:	on:
Left message to forward RP and requested resubmission of experience and qualifications. RP received 1/8/2002. Then on 12/9 advised acceptance requested new stat dec.	
Details entered on 'Incomplete' tracker ☐	Report returned:

Date received all required information: 15/11/02

'Incomplete' tracker amended ☐

2. MAKE UP FILE

(Administration Officer)

Refer to instruction sheet for details)

a. Assign file number	☒
b. Write up file cover & attach blue flow chart	☒
d. Enter details into ACCESS	☒
e. Enter details into CARMS, attach barcode	☒

3. CHECK FILE

(Scientific Advisor)

a. Details on file cover are correct	☒
b. All required information has been provided	☒
c. Details on Access trackers are correct	☒
d. Lots in report, on CoT, RP & application form all match	☒

Details added to queue sheet ☒

OK for rounds? ☐

Acceptance date: 15/11/02

4. FILE SENT ON ROUNDS

Date: 9/10/02

Details updated on Excel and Access trackers ☐

Cheque sent to finance: 1

5. FILE HAS COMPLETED ROUNDS AND IS READY FOR QUEUE ☐

STATUTORY DECLARATION

(INVESTIGATOR and REPORT PREPARER)

BNE12689

Address of Site Investigated: 68 Nerang Street, Southport
Real Property Description: Lot 24 on SP 143534, County of Ward, Parish of Nerang
Title of Report(s): Targeted Environmental Site Assessment, Icon Tower Site,
68 Nerang Street, Southport

I, St.John Herbert of PPK Environment & Infrastructure, in the State of Queensland, do solemnly and sincerely declare that;

- I was the investigator and report preparer of the report described above;
- I am a member of the Environment Institute Australia and my qualifications and experience as outlined in Queensland EPA Contaminated Land – Qualifications and Experience (Submitted 2002) are relevant to this investigation,
- I have not knowingly included any false, misleading or incomplete information in the report;
- I have not knowingly failed to reveal any relevant information or document to the administering authority; and

I certify that:

- The field investigation activities were performed by Sean Michael Fleming under the direction of Ian Trevor Baldwin and St.John Herbert;
- The report addresses the relevant matters for the investigation and is factually correct; and
- The opinions expressed in it are honestly and reasonably held.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the *Oaths Act 1867*

Signature

sch4-Signature

Name St.John Herbert

Taken and Declared before me at 9am this THURSDAY 26th day of September 2002

Witness (Justice of the Peace/Commissioner for Declarations)

Signature

Lynette May Holmes JP (Com. DECL.)

Name (& JP Number if applicable).....LYNETTE MAY HOLMES J.P.

Declarer:.....St. John Herbert

Witness:.....LYNETTE MAY HOLMES,

Contaminated Land — Qualifications and Experience

The information provided on this form is used to assess qualifications and experience related to the submission of site investigation reports to DoE for assessment (in accordance with s1180 of the *Environmental Protection Act 1994*).

Details will be retained by DoE. Professional information does not have to be resubmitted with each application.

1. Applicant details

Name St John HERBERT
Address L12, 348 EDWARD Street
BRISBANE Postcode 4001
Postal address GPO Box 2907
BRISBANE QUEENSLAND Postcode 4001
Telephone 3218-2640 Fax 3218-4223

2. Company/organisation details

Company/organisation PPK ENVIRONMENT & Infrastructure Pty Ltd
Address L12, 348 EDWARD Street
BRISBANE Postcode 4001
Postal address GPO Box 2907
BRISBANE QUEENSLAND Postcode 4001
Telephone 3218-2640 Fax 3218-4223
Contact person St John HERBERT Telephone 3218-2640

3. Please attach the following

- ☒ Curriculum Vitae
- ☒ Copy of relevant qualifications — per cv.
- ☒ Copy of proof of membership of a prescribed organisation attached

OFFICE USE ONLY

Date / /

Officer Approval ☐ Yes ☐ No

ST. JOHN HERBERT

Principal Contaminated Land Consultant

St. John has over 13 years experience undertaking and managing field programs. He has undertaken numerous Stage 1 and 2 site assessments in Australia and throughout the Asia Pacific. St. John has undertaken contaminated groundwater modelling, and remedial designs and costings for soil and groundwater remediation planning. St. John's postgraduate qualifications in site remediation include research on Soil Vapour Extraction (SVE) and In situ Air Sparging (IAS) technologies. In addition, St. John undertakes natural attenuation and assimilative capacity investigations. St. John has worked with both NSW accredited Auditors (contaminated land) and Queensland EPA third party reviewers. St. John's role has also included administrative and field supervision of environmental scientists.

QUALIFICATIONS

- Bachelor of Science, Honours Geology, University of New England, Armidale, 1988.
- Master of Science Hydrogeology and Groundwater Management, University of Technology, Sydney, 1997.

AFFILIATIONS

- International Association of Hydrogeologists
- Australian Water Association
- Environment Institute of Australia

PROFESSIONAL ACTIVITIES

- Steering Committee Member of the proposed Queensland Branch of the Australian Contaminated Land Consultants Association

EXPERIENCE

CONTAMINATED LAND

- Hygiene Products Manufacturing Facilities, Seoul, South Korea, Confidential Client. Completed series of Stage 1 assessments at four pharmaceutical and insecticide processing facilities. Work completed to US specified requirements. Project fed into Stage 2 investigations and involved meeting strict four-week deadline.
- Government Easement, Sydney, Confidential Client. Completed Stage 1 assessment of government easement for property transaction with reporting on expedited schedule.
- Steel Processing Facility, Sydney, Confidential Client. Prepared Stage 1 assessment for property transfer, including assessment of organic chemicals, Underground Storage Tanks (USTs), and asbestos-containing materials.
- Airport Facility, Sydney, Federal Airports Corporation. Completed Stage 1 asbestos audit. Included use of WorkCover requirements and Australian Standards for asbestos monitoring and remediation.
- Oil Depot Environmental Status, Auckland, Auckland Regional Council. Audited prior assessment in relation to soil, groundwater and free product contamination at petroleum products depot and provided expert opinion in dispute. Rapidly assimilated NZ Oil Industry Guidelines in order to complete project. Presented arguments concerning inappropriate use of guidelines that led to successful settlement for client.
- Rod and Steel Facility Due Diligence, New South Wales, Confidential Client. Prepared due diligence assessment of groundwater conditions at major steelworks. Included design and implementation. Managed assessment and team of environmental scientists. Project completed within time and budget with no lost-time injuries. Prepared documents declaring site under NSW EPA regulations and designed program to remediate soil and groundwater contaminated by organic compounds.
- Former Manufacturing Facility, Sydney, Confidential Client. Completed Stage 2 investigation for auditor-instigated and scrutinised project. Designed and managed soil and groundwater sampling program for site which was underlain by fill materials and landfill waste. Project met strict reporting deadlines.

- Radionuclide Health Physics Monitoring, Maralinga, South Australia, Works Australia. Completed training in radiation health monitoring. Included use of Global Positioning Environmental Radiation Survey equipment to survey the effect of remedial earthworks, and demonstrated that remedial works had reached clean up levels. Included source checking and calibration, and use of air and direct radiation monitoring detectors. Training required calculation of direct air concentrations and dose rates and instructor-level respirator training. Surveyed personnel in to and out of the contaminated 'red' zone, and followed high level occupational health and safety procedures when working in areas with radionuclide contamination.
- Former Naval Stores Depot, Sydney, Confidential Client. Led assessment of chlorinated solvents in groundwater. Included vertical and lateral plume delineation, sampling and natural attenuation studies to scientifically uphold risk-based decision-making of future land use of site. The assessment found concentrations of the solvents that were an order of magnitude greater than those previously reported.
- Major Galvanising Facility, Sydney Harbour Foreshore, Confidential Client. Completed comprehensive program at active site including assessment of soil and groundwater contamination and remedial design input. Designed and managed installation of monitoring well network, and interpreted analytical results. Included groundwater and contaminant modelling via finite-element fortran program. This modelling accounted for groundwater and contaminant flux and tidal flushing to determine hydraulic impact upon remedial design options.
- Major Pharmaceutical Manufacturing Facility, Sydney, Confidential Client. Completed Stage 2 soil assessment at foreshore site, involving investigation and sampling of contaminated soil. Estimated volume of material to be removed, with validation sampling carried out during and upon completion of excavation activities.
- Major Food Manufacturing Facility, Botany, New South Wales, Confidential Client. Investigated soil and groundwater at industrial landfill. Assessed results with respect to on-site and off-site activities. Used low impact 'Geoprobe' system to recover groundwater samples, and avoided use of expensive drilling rigs and conventional well construction and sampling methods. Provided support with regard to auditor negotiations through Land & Environment Court.
- Major Electronics Manufacturing Facility, Szechaun, China, Confidential Client. Assessed soil and groundwater in Western China using available equipment at active construction site. Included liaison with client personnel, local subcontractors and workgroups. Expedited movement and delivery of equipment and samples to overseas laboratories.
- Major Manufacturing Facility, Seoul, South Korea, Confidential Client. Prepared contaminated groundwater assessment. Included installation and sampling of groundwater wells in fractured aquifer containing chlorinated solvents, and collection of soil vapour samples from soil vapour probe holes. Data was subsequently used to develop remedial action plan which involved installation of soil vapour extraction system.

- Major Dockyard Facility, Sydney Harbour, Confidential Client. Designed and implemented groundwater monitoring program. Interpreted results in relation to hydrogeochemistry of aquifer.
- Railway Servicing Yards, Junee, New South Wales, State Rail Authority (SRA). Designed and conducted Stage 1 and Stage 2 assessment of railyard areas for organic and inorganic contaminants in soil and groundwater. Developed remediation strategies for hydrocarbon contaminated soil and groundwater.
- Locomotive Depot, Casino, New South Wales, State Rail Authority (SRA). Completed Stage 2 assessment of operating locomotive maintenance depot. Included soil and groundwater investigations of inorganic and organic compounds. Used innovative approach involving excavation of contaminated areas at same time as assessment which reduced costs in revisiting site for further work. Non-aqueous stage liquids were contained in aquifer and monitoring and passive remedial approach was implemented for this aquifer.
- Electrical Transformer Site, Sydney, Pacific Power. Completed Stage 2 assessment. Validated remedial works and characterisation of soil stockpiles, including sampling of PCB and hydrocarbon contaminated soils.
- Container Transport Depot, Sydney, Confidential Client. Assessed sampling of monitoring wells in extreme chromium contaminated groundwater.
- Former Wharf Foreshore Site, Sydney Harbour, Confidential Client. Undertook sampling of groundwater wells and pump tests. Monitored groundwater level and bay level of foreshore property to calculate groundwater and contaminant fluxes to the bay.
- Gaming Machine Manufacturing Site, South Sydney, Confidential Client. Completed installation and monitoring of groundwater wells in manufacturing facility. The tight confines of facility involved using a small trailer-mounted drill rig, and drilling hollow auger holes to depths previously untried for this size rig. Monitoring entailed ensuring samples were not contaminated by ongoing activities on the site which included use of chemicals of concern.
- Steelworks Site, South Australia, Confidential Client. Prepared remedial action plan study including pilot studies and system to recover diesel product floating on the groundwater at the site.
- Remedial Design and Costing, Brisbane, Confidential Client. Prepared remedial options study for a number of options including Risk Assessment, Soil Vapour Extraction/In Situ Air Sparge (SVE/IAS), Natural Attenuation, and Hydraulic Containment. The SVE/IAS system was subsequently chosen for a refined costing and planning study.

ENVIRONMENTAL IMPACT STATEMENTS

- River and South Creek Sewerage Overflows, Sydney, Sydney Water Corporation. Assessed impacts to soils, surface and groundwaters for eight sewerage systems that served many communities and discharged into tributaries of the Hawkesbury–Nepean River (a major recreational waterway and valuable ecosystem). Analysed impacts of exfiltration and prepared impact reports on aquifer vulnerability for environmental impact statements.
- Manufacturing Facility, New South Wales, Confidential Client. Reviewed issues related to surface, groundwater and soil for environmental impact statement preparation. Included assessment of contamination risks due to proximity, pathways and adequacy of water management systems.
- Groundwater Monitoring Brief, Gerringong-Gerroa, New South Wales, Sydney Water Corporation. Assisted compilation of data for environmental impact statement to implement sewerage re-use scheme. Included preparation of brief for collection of groundwater data from both existing and new wells to establish baseline conditions across region, and to enable a comparison with post-implementation conditions.

CONTAMINATED GROUNDWATER MODELLING

- Explosives Manufacturing Facility, Victoria, Confidential Client. Led groundwater modelling project using Modflow (PMWIN) groundwater modelling software to assess potential sources of sulphate and nitrate contamination in groundwater on land adjacent to source site. Model dimensions were approximately 3 km by 4 km using a 100 m square grid, with three layers representing littoral sands, silty clay aquitard and underlying sand formation. Developed hydraulic model to predict flow paths, and solute transport model (calibrated to observed concentrations) to indicate sources of plumes and potential impacts. This justified remediation to state environmental authority. A Remedial Action Plan (RAP) is currently in preparation.
- Contaminant Groundwater Modelling, Port Kembla, New South Wales, Port Kembla Port Authority. Led groundwater modelling project to predict likely groundwater impacts from proposed land reclamation project (23 ha). Modelling indicated likelihood of flooding and groundwater level increases from proposed works. Upgradient land contained heavy metal and organic contaminant plumes.

GROUNDWATER RESOURCES

- Aquifer Storage & Recovery Feasibility Study, Victoria, Coliban Water. Managed and undertook desktop preliminary feasibility assessment for aquifer storage and recovery (ASR) as alternative method of seasonally storing 800 ML of tertiary treated effluent over 120 day periods. Effluent to be stored was excess that could be not disposed of by surface spraying in peak season, and was to be recovered from storage aquifer for disposal by surface spraying in off season. Prepared preliminary feasibility study assessing potential for suitable storage zones, likely interference effects to water tables and other water users and environment. Identified data that would be required in future assessment stages. Demonstrated that ASR option was likely to be 25–50% of the cost of construction of surface storage impoundments.
- Gravel Pack Design Study, Weipa, Queensland, Comalco. Designed gravel pack to assess suitability of locally available material for use in wellfield development program. Analysed grainsize distributions of proposed gravel pack and data on aquifer materials, and concluded that local material would be suitable once screened of fine material. Gravel pack was subsequently installed in wellfield program.
- Hydrogeological Life of Mine Plan Investigations, Blair Athol, Queensland, Blair Athol Coal Project. Supervised installation of monitoring wells into overburden and coal seams to assess hydrogeological flow paths. Included test pumping of aquifers, numerical modelling of data and identification of alternative groundwater interception methods. Also involved field testing of permeability enhancement using pre-split blast trenches. Assessed groundwater flows to pit for baseflow of groundwater and near surface interflow for current mine layout and for predicted life of mine plan. Assessment was subsequently incorporated into life mine plan.

WASTE MANAGEMENT

- Stapylton Landfill, Stapylton, Queensland, Gold Coast City Council. Prepared site management plan (SMP) to meet licence conditions for expansion of landfill from 50,000 tpa to greater than 200,000 tpa. Included assessment of climatic, siting, hydrogeological, hydrological, operational, noise, odour, dust, pest and waste management issues. Prepared preliminary landfill design and liner specification. The SMP was subsequently accepted and the landfill is being developed.

PUBLICATIONS

- Herbert, St.J., Clarke, M., McFarland, R.V. 1999, 'Underground Storage Tanks, How To Manage the Risk', Environmental Management Handbook, Australian Industry Group, Crowther Blayne, Sydney.
- Herbert, St.J., McLaughlan, R., Smolenski, B. 1996, 'Soil Vapour Extraction Modelling: The Hyperventilate Model', *Proceedings of Third National Hazardous and Solid Waste Convention*, Sydney, pp.643-49.

PERSONAL DETAILS

sch4p4(6) Personal information

PROFESSIONAL HISTORY

- | | |
|----------------|--|
| ▪ 2002-present | PPK Environment & Infrastructure
Principal Contaminated Land Consultant |
| ▪ 2000-2001 | Golder Associates
Senior Environmental Hydrogeologist |
| ▪ 1995-2000 | CH2M HILL Australia
Senior Environmental Hydrogeologist |
| ▪ 1994 | Groundwater Technology
Contract Environmental Technician |
| ▪ 1988-1993 | Renison Goldfields Consolidated
Geologist |



ENVIRONMENT
INSTITUTE
OF AUSTRALIA

A 1 4 8 8 7 C

Mr St John Herbert
C/-PPK

L 12, 348 Edward Street

BRISBANE QLD 4001

9/4/2002

Dear Mr Herbert,

Membership Number M20029

Your application for membership of the EIA was considered at the last Membership Committee meeting. I am pleased to advise you that the committee has recommended that you be accepted as a Full Member of the Institute.

Membership benefits include a bimonthly National Newsletter and an Australia wide network of Divisions. We organise both national and local conferences and seminars which provide networking and career development opportunities. A Council of elected officers provides national direction and representation.

In addition, the Australian Journal of Environmental Management (AJEM) is our fully professional journal which is published quarterly and provides much-needed communication in the area of environmental management practice. The AJEM enables dialogue between theorists, scientists, policy makers and those actively faced with the major issues of concern. Through this Journal the Institute promotes the achievement of excellence in environmental practice. Sponsorship makes it possible to provide each Member with a subscription to AJEM.

Membership fees are \$154 including the AJEM subscription and are payable on a financial year basis. A payment advice form is enclosed. Please complete the form and return it with your payment, quoting your membership number with all correspondence.

On behalf of the National Council I welcome you to the Environment Institute of Australia and invite you to participate actively in both local and national activities.

Yours sincerely

sch4-Signature

Lucy Tollis
Administrative Officer

SUMMARY BNE12689 68 Nerang Street Southport L24 SP143534

- 3200m².
- N buildings remain.
- Site has been extensively filled
- Proposed use commercial residential tower with 3 levels basement carpark – development approved – site not on EMR initially – now is.
- Near waste oil pit – s'pile of waste and rubble.
- Fill – 100mm thick at N end, 1.8m at S end – heterogenous.
- Surrounding landuse
 - N – Nerang St, commercial and retail
 - S – Offices and auto repairer
 - E – Retail and sealed carpark
 - W – office buildings
- Site slope NW to S ~ 3m over the site.
- ~95% concrete surfaced
- Aerial photography interp
 - 1944 – cleared, grassed, light residential
 - 1965 – large building covers ~90% site – commercial industrial
 - 1973, 1983, 1987, 1990, 1997 – no change
- Anecdotal – site used for ~50years as car yard, spare parts, service centre, panel shop and spray painting.
- JFT removed – 3 x 2000L, 1 x 10 000L, 1 x 15 000L tanks – unsure if approved (1974) 6000L tank ever installed.
- Some validation undertaken OK – further investigation and validation to occur.

Questions / Further Action

- Agree with consultant's recommendations.
- Send decision notice.

Kim Barry
25/11/02

shenings@pb.com.au



Notice of Decision

Section 384 Environmental Protection Act 1994

This statutory notice is issued by the administering authority pursuant to section 384 of the Environmental Protection Act 1994, to advise you of a decision or action.

Enquires to: Kim Barry
Telephone: 3225 1045
Your reference: 2136193A-PR0011sf
Our reference: BNE12689

Parsons Brinckerhoff Pty Ltd
GPO Box 2907
BRISBANE QLD 4001

Attention: Mr Sean Fleming

c.c.
Markdrift Pty Ltd
PO Box 558
SURFERS PARADISE QLD 4217

**Re: Submission of a site investigation report for the land described as Lot 24 on SP143534,
Located at 68 Nerang Street Southport**

The administering has reviewed the site investigation report titled "*Targeted Environmental Site Assessment, Icon Tower Site, 68 Nerang Street, Southport, (Report No. 2136193A-PR0011sf) dated June 2002 and prepared by PPK Environment & Infrastructure Pty Ltd*", in relation to the above land, and has made the following decision.

- The site described as Lot 24 on SP143534 remains listed on the Environmental Management Register (EMR) with no change of status.
- The Administering Authority agrees with the recommendations of the above mentioned report.

The reason for the decision:

- Based on the information supplied in the above report, the site remains subject to the Notifiable Activity of PETROLEUM PRODUCT OR OIL STORAGE.



You may apply to the administering authority for a review of this decision within 14 days after receiving this notice. You may also appeal against this decision to the Planning and Environment Court.

Information outlining the review and appeal processes under the *Environmental Protection Act 1994* is included with this notice. This information is intended as a guide only. You may have other legal rights and obligations.

sch4-Signature

Signed

3 January 2013

Date

Mark Paton
Chief Scientific Advisor (Environmental Operations)
Delegate of Administering Authority
Environmental Protection Act 1994

Extracts from the Act Regarding Reviews and Appeals

Procedure for review

521.

- (1) A dissatisfied person may apply for a review of an original decision.
- (2) The application must-
 - (a) be made in the approved form to the administering authority within-
 - (i) 14 days after the day on which the person receives notice of the original decision or the administering authority is taken to have made the decision (the "review date"); or
 - (ii) the longer period the authority in special circumstances allows not later than the review date; and
 - (b) be supported by enough information to enable the authority to decide the application.
- (3) On or before making the application, the applicant must send the following documents to the other persons who were given notice of the original decision-
 - (a) notice of the application (the "review notice");
 - (b) a copy of the application and supporting documents.
- (4) The review notice must inform the recipient that submission on the application may be made to the administering authority within 7 days after the application is made to the authority.
- (5) If the administering authority is satisfied the applicant has complied with subsection (2) and (3), the authority must, within 14 days after receiving the application-
 - (a) review the original decision;
 - (b) consider any submissions properly made by a recipient of the review notice; and
 - (c) make a decision (the "review decision") to-
 - (i) confirm or revoke the original decision; or
 - (ii) vary the original decision in a way the administering authority considers appropriate.
- (6) The application does not stay the original decision.
- (7) The application must not be dealt with by-
 - (a) the person who made the original decision; or
 - (b) a person in a less senior office than the person who made the original decision.
- (8) Within 14 days after making the decision, the administering authority must give written notice of the decision to the applicant and persons who were given notice of the original decision.
- (9) The notice must-
 - (a) include the reasons for the review decision; and
 - (b) inform the person of their right of appeal against the decision.
- (10) If the administering authority does not comply with subsections (5) or (8), the authority is taken to have made a decision confirming the original decision.
- (11) Subsection (7) applies despite section *Acts Interpretation Act 1954*, section 27A.
- (12) This section does not apply to an original decision made by-
 - (a) for a matter, the administration and enforcement of which has been devolved to a local government, the local government itself or the chief executive officer of the local government personally; or
 - (b) for another matter-the chief executive personally.

Stay of operation of original decisions

522.

- (1) If an application is made for review of an original decision, the applicant may immediately apply for a stay of the decision to-
 - (a) for an original decision mentioned in schedule 1, part 1 - the tribunal; or
 - (b) for an original decision mentioned in schedule 1, part 2 - the Court.
- (2) The tribunal or Court may stay the decision to secure the effectiveness of the review and any later appeal to the tribunal or Court.
- (3) A stay may be given on conditions the tribunal or Court considers appropriate and has effect for the period stated by the tribunal or Court.
- (4) The period of a stay must not extend past the time when the administering authority reviews the decision and any later period the tribunal or Court allows the applicant to appeal against the review decision.

Who may appeal

531.

- (1) A dissatisfied person who is dissatisfied with a review decision, other than a review decision to which subdivision 1 applies, may appeal against the decision to the Court.
- (2) The chief executive may appeal against another administering authority's decision (whether an original or review decision) to the Court.
- (3) A dissatisfied person who is dissatisfied with an original decision to which section 521 does not apply may appeal against the decision to the Court.

STATUTORY DECLARATION -

(INVESTIGATOR and REPORT PREPARER)

Address of Site Investigated: 68 Nerang Street, Southport

Real Property Description: Lot 24 SP143534, County of Ward Parish of Nerang

Title of Report(s): Targeted Environmental Site Assessment, Icon Tower Site, 68 Nerang Street, Southport

I, St. John Herbert of Parsons Brinckerhoff Australia Pty Ltd, L12, 348 Edward Street, Brisbane 4001, in the State of Queensland, do solemnly and sincerely declare that;

- I was the investigator and report preparer of the report described above;
- I am a member of the Environment Institute of Australia and my qualifications and experience as outlined in Contaminated Land Qualifications and Experience are relevant to this investigation,
- I have not knowingly included any false, misleading or incomplete information in the report;
- I have not knowingly failed to reveal any relevant information or document to the administering authority; and

I certify that:

- The field investigation activities were performed by Sean Fleming and Ian Baldwin t under the direction of St. John Herbert;
- The report addresses the relevant matters for the investigation and is factually correct; and
- The opinions expressed in it are honestly and reasonably held.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the *Oaths Act 1867*

Signature

sch4-Signature

Name

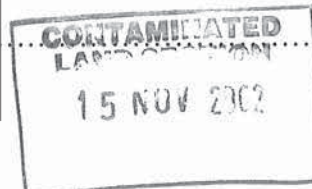
St. John HERBERT

Taken and Declared before me at 12:00 this 14 day of November 2002

Witness (Justice of the Peace/Commissioner for Declarations)

Signature

s78B(2) - Privacy

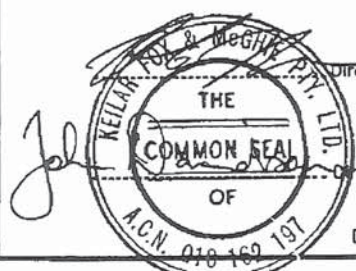


Land Title Act 1994; Land Act 1994
Form 21 Version 2

SURVEY PLAN

Sheet
1 of
1

KEILAR FOX & MCGHIE PTY LTD ACN 010 162 197 hereby certify that the Company has made this plan pursuant to Section 25 of the Surveyors Regulation 1992, and that the plan is accurate, and compiled from 1:5160130 in the Department of Natural Resources and Mines.



Director and Licensed Surveyor

Director

Date 28-09-01

0m 40m 80m 120m
0 50mm 100mm 150mm State copyright reserved.

Plan of Lot 24

Cancelling Lots 24 & 25 on RP890575

PARISH: **NERANG**COUNTY: **Ward**Meridian: **1:5160130**F/N's: **No**Scale: **1:800**Format: **STANDARD**

SP143534

Plan Status:

<div>705129013</div> <div>\$259.90</div> <div>19/10/2001 15:43</div> <div>GC 400 NT</div>		<div>WARNING : Folded or Mutilated Plans will not be accepted.</div> <div>Plans may be rolled.</div> <div>Information may not be placed in the outer margins.</div>																																											
Registered		s. Lodged by																																											
		(Include address, phone number, reference, and Lodger Code)																																											
<div>1. Certificate of Registered Owners or Lessees.</div> <div>I/We MARKDRIFT PTY LTD A.C.N. 092 086 505</div> <div></div> <div></div> <div></div> <div></div> <div>(Names in full)</div> <div>* as Registered Owners of this land agree to this plan and dedicate the Public Use Land as shown hereon in accordance with Section 50 of the Land Title Act 1994.</div> <div>* as Lessees of this land agree to this plan.</div> <div>Signature of *Registered Owners *Lessees</div> <div><div>ole director/Secretary</div></div> <div>* Rule out whichever is inapplicable</div>		<div>6.</div> <table border="1"><thead><tr><th colspan="3">Existing</th><th colspan="3">Created</th></tr><tr><th>Title Reference</th><th>Lot</th><th>Plan</th><th>Lots</th><th>Emts</th><th>Road</th></tr></thead><tbody><tr><td>50076671</td><td>24</td><td>RP890575</td><td>24</td><td>-</td><td>-</td></tr><tr><td>50076672</td><td>25</td><td>RP890575</td><td>24</td><td>-</td><td>-</td></tr></tbody></table> <div>SUBN ALLOT 7 OF SEC 9</div> <div>24</div> <table border="1"><thead><tr><th>Orig</th><th>Lots</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table> <div>7. Portion Allocation :</div> <div>8. Map Reference : 9542-22324</div> <div>9. Locality : SOUTHPORT</div> <div>10. Local Government : GOLD COAST CITY COUNCIL</div> <div>11. Passed & Endorsed : By : KEILAR FOX & MCGHIE PTY LTD Date : 28.9.2001 Signed : <div>s78B(2) - Privacy</div> Designation : Liaison Officer</div> <div>12. Building Format Plans only.</div> <div>I certify that : * As far as it is practical to determine, no part of the building shown on this plan encroaches onto adjoining lots or road; * Part of the building shown on this plan encroaches onto adjoining * lots and road</div> <div>Licensed Surveyor/Director * Date * delete words not required</div> <div>13. Lodgement Fees :</div> <table border="1"><tbody><tr><td>Survey Deposit</td><td>\$</td></tr><tr><td>Lodgement</td><td>\$</td></tr><tr><td>.....New Titles</td><td>\$</td></tr><tr><td>Photocopy</td><td>\$</td></tr><tr><td>Postage</td><td>\$</td></tr><tr><td>TOTAL</td><td>\$</td></tr></tbody></table> <div>14. Insert Plan Number</div> <div>SP143534</div>				Existing			Created			Title Reference	Lot	Plan	Lots	Emts	Road	50076671	24	RP890575	24	-	-	50076672	25	RP890575	24	-	-	Orig	Lots			Survey Deposit	\$	Lodgement	\$	New Titles	\$	Photocopy	\$	Postage	\$	TOTAL	\$
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160 Ann Street . Brisbane Queensland . PO Box 155 . BRISBANE ALBERT STREET QLD 4002

RECEIPT/ TAX INVOICE

ABN: 87 221 158 786

Receipt Number: FSMR03/3085

Date: 25/07/02

Received From: PPK ENVIRONMENT & IFRASTRUCTURE

Receipt Total: 900.00

Cheque Number	Payment Details	Amount
401527	CONTAM SEARCH	900.00
	4051 WBL01SROR	
	GST Amount:	0.00
Total		900.00

* GST is a Commonwealth Government Tax

Received By:

sch4-Signature

STATUTORY DECLARATION

(INVESTIGATOR and REPORT PREPARER)

Address of Site Investigated: 68 Nerang Street, Southport

Real Property Description: Lot 24 on SP 143534, County of Ward, Parish of Nerang

Title of Report(s): Targeted Environmental Site Assessment, Icon Tower Site, 68 Nerang Street, Southport

I, Ian Trevor Baldwin of PPK Environment & Infrastructure, in the State of Queensland, do solemnly and sincerely declare that;

- I was the investigator and report preparer of the report described above;
- I am a member of Royal Australian Planning Institute and my qualifications and experience as outlined in Queensland EPA Contaminated Land – Qualifications and Experience (Submitted 2002) are relevant to this investigation,
- I have not knowingly included any false, misleading or incomplete information in the report;
- I have not knowingly failed to reveal any relevant information or document to the administering authority; and

I certify that:

- The field investigation activities were performed by Sean Michael Fleming under the direction of Ian Trevor Baldwin;
- The report addresses the relevant matters for the investigation and is factually correct; and
- The opinions expressed in it are honestly and reasonably held.

And I make this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the *Oaths Act 1867*

Signature sch4-Signature

Name Ian Trevor Baldwin

Taken and Declared before me at BRISBANE this 19 day of JULY 2001 2002

Witness (Justice of the Peace/Commissioner for Declarations)

Signature s78B(2) - Privacy JP (QUAL)

Name (& JP Number if applicable) ROBERT CHARLES BOLCH JP(QUAL)

Declarer: s78B(2) - Privacy

Witness: sch4-Signature





Department of Environment

Hazardous Waste and Contaminated Sites Section
Department of Environment
PO Box 155
BRISBANE ALBERT STREET
QLD 4002
Ph: (07) 3225 1827 Fax: (07) 3227 8341

Notification of Land

Sections 118E and 118F Environmental Protection Act (1994)

The following information should be supplied by people providing notification to the Department of Environment of contaminated land or land used for a notifiable activity under Schedule 3 of the Environmental Protection Act 1994.

Essential information

- Site ID: 40606 entered as 'cb' 6/11/02
Date: 17/7/02.
- Please complete **all** information • Please complete one form per lot
 - Please refer to the reverse side for information on how to complete this form

1. Local government

GOLD COAST CITY COUNCIL

2. Information provided by

Name SEAN FLEMING

Telephone 07 3218 2244

Organisation PPK E & I P/L

Address LVL 12, 348 EDWARD ST

BRISBANE Postcode 4000

3. Name by which the property is

known locally

68 NERANG ST, SOUTHPORT

4. Lot on Plan description of parcel of land

Lot 24 Plan SP 143534

Parish NERANG

5. Location

Street Address 68 NERANG ST

Town/suburb SOUTHPORT

Postcode 4215

6. Name and postal address of land owner

MARKDRIFT PTY LTD

Street Address PO BOX 558

Town/suburb SURFERS PARADISE

Postcode 4215

7. Area of parcel in square metres

(this information is used as a cross-check on the land description details)

3,200 m²

8. Notification information (please refer to the reverse side of this form and Schedule 3 of the Environmental Protection Act 1994)

Description of the notifiable activity/ies for which the land is or has been and the source/s of the suspected contamination (please list all notifiable activities that the land has been used for and provide details).

Refer to PPK Report: 'Targeted ESA, Icon Tower Site, 68 Nerang St, Southport', prepared for Boulderstone

Hornibrook. Previous activities include fuel storage, vehicle dealership, vehicle servicing, panel beating & spray painting.

9. Map or locality plan (The processing of this information would be greatly assisted by the inclusion of a map or locality plan)

Signature of person providing notification information

sch4-Signature

SEAN FLEMING 17/7/02

Spoke to Sean 4:36pm 22/10/02. Fuel storage was ulg.

sch4-Signature

sch4-Signature

Rayna,
Please send 373(u) Notice for L24/SP143534 for N.A. 29- petroleum product or oil storage. Add details of spray painting etc. no comments.

sch4-Signature

How to complete this form

1. Local Government

The local government of the land.
e.g. Brisbane City Council

2. Information provided by

Details of the person completing this form.

3. Name by which the property is known locally

e.g. Name of business or locality.

4. Lot on Plan description of parcel of land

These details can be obtained from the land title certificate, rates notice or the local government for the land

5. Location

This is the number and street address of the property.

6. Name and postal address of owner

The property owner's details

7. Area of parcel in square metres

These details can be obtained from the land title certificate, rates notice or the local government for the land

8. Notification information

- Refer to Schedule 3 of the *Environmental Protection Act 1994* for definitions and descriptions of notifiable activities.
- Please give specific details of the contamination and /or the notifiable activity involved.
- Please list all notifiable activities that have occurred on the site (both past and present).
- Please provide details of, for example, storage quantities, type of storage (ie. above/below ground), usage quantities, types of chemicals used/stored, etc.
- Example - Notifiable activity #29 - above ground storage of 30 000 L of diesel plus #23 - spray painting external to booth occurs on this site, using 50 L of paint per week.
- Sites contaminated by hazardous contaminants such as Wool scours and chemical spills should also be notified to the Department of Environment.

9. Map or locality plan

Map showing the location of site being notified to DoE.

Schedule 3 of EP Act (1994)

Notifiable Activities - a summary

(Refer to Schedule 3 of EP Act 1994 for definitions of Notifiable Activities)

1. Abrasive blasting
2. Aerial Spraying
3. Asbestos manufacture or disposal
4. Asphalt or bitumen manufacture
5. Battery manufacture
6. Chemical manufacture or formulation
7. Chemical storage (> 10 tonnes)
8. Coal fired power station
9. Coal gas works
10. Defence establishments or training areas
11. Drum reconditioning or recycling
12. Dry cleaning
13. Electrical transformers
14. Engine reconditioning works
15. Explosives production or storage
16. Fertiliser manufacture
17. Foundry operations
18. Gun, pistol or rifle range
19. Herbicide or pesticide manufacture
20. Landfill
21. Lime burner
22. Livestock dip or spray race operations
23. Metal treatment or coating
24. Mine wastes
25. Mineral processing
26. Paint manufacture or formulation
27. Pest control
28. Petroleum or petrochemical industries
29. Petroleum product or oil storage
(over limits in Schedule 3)
30. Pharmaceutical manufacture
31. Printing
32. Railway yards
33. Scrap yards
34. Service stations
35. Smelting or refining
36. Tannery, fellmongery or hide curing
37. Waste storage, treatment or disposal
38. Wood treatment and preservation

Need more information? - Contact the Department of Environment for assistance or to obtain information about contaminated land.