

From: Tracey Genrich [Tracey.Genrich@frasercoast.qld.gov.au]
Sent: Wednesday, 23 September 2015 7:40 PM
To: COHEN Dan
CC: CLAYBOURN Dayna; BATTEN Denise; WILSON Tracey (EHP)
Subject: Re: RPEQ Certification Letter - Kingfisher Parade Toogoom Seawall

Categories: Follow up discussion

Hi Dan, Thank you for your email. As a quick response I advise as follows:-

1. Council has not received any feedback or advice in relation to the certification prior to your email today;
2. I will discuss with Gildas (Design Engineer) and Kane Macready (project supervising engineer) and send through further documentation.
3. Whilst the physical construction if the wall component was completed in November, 2015, council has been undertaking the re vegetation component as required by the DA conditions.
4. To Council's knowledge the project has been constructed in accordance with the drawings and DA, however, the project as a whole continues to suffer from misinformation circulated by a small number of community members. Council is continually addressing these enquiries and complaints.
5. Council will of course address the items within the email as soon as practical.

Regards

Sent from my iPad

On 23 Sep 2015, at 6:24 pm, "COHEN Dan" <Dan.Cohen@ehp.qld.gov.au> wrote:

Dear Tracey,

Sorry we have taken so long to get back to you about this; sch4p4(6) Personal information

The department has concerns in relation to the Certification from Gildas Colleter of Aurecon dated 2nd September 2015, in that it does not comply with the requirements of the development permit, specifically condition 7 of the FCRC assessment manager conditions and condition 12 of the Dept of State Development, Infrastructure and Planning imposed conditions under concurrence response SDA-0813-004113.

We are specifically concerned that there is no mention that the works have been constructed in accordance with the approved drawings and the approval conditions and also that the works are adequate for the anticipated usage and comply with relevant codes and building/engineering standards (noting the one exception being that it does state " the seawall design standard follows EHP guideline requirements for "Building and engineering standards for tidal works", but even this does not state that the structure constructed also does (ie only that theseawall design does)).

This report was due three months from the completion of the works. Can you let us know what the actual completion date of the works was, and also that FCRC are addressing the issue of the adequacy of the certification?

I will talk to my manager here in relation to giving FCRC some more formal correspondence on the matter, but I thought I had better give you a heads up about it, and was not exactly sure what had been discussed with Denise from our office in relation to the matter also.

This is seen as an important issue; EHP are continuing to get allegations at Ministerial level from concerned parties that the works were not constructed to the approved plans.

Can you let Tracey Wilson (tracey.wilson@ehp.qld.gov.au or 4121 1875) or my manager Dayna Claybourn (Dayna.claybourn@ehp.qld.gov.au 4121 1818) know what is happening with it. sch4p4(6) Personal information

Many thanks, and sorry to shoot off an email rather than call you myself, but I only just had a chance to review the certification and I am out of the office all day tomorrow.

Regards,

<image002.png> **Dan Cohen**

Team Leader (Compliance), South Queensland Compliance | Wide Bay Burnett

Environmental Services & Regulation

Department of Environment and Heritage Protection

P 07 4121 1816 F 07 4121 1650

Cnr Lennox and Alice St | Maryborough

PO Box 145, MARYBOROUGH QLD 4650

From: Tracey Genrich [<mailto:Tracey.Genrich@frasercoast.qld.gov.au>]
Sent: Wednesday, 2 September 2015 1:37 PM
To: BATTEN Denise; Michelle Riley
Cc: Rosalyn Acworth
Subject: RPEQ Certification Letter - Kingfisher Parade Toogoom Seawall

Hi Denise, As discussed earlier today, please see final RPEQ Certification Letter from Gildas Colleter, Design Engineer – Aurecon for the Kingfisher Parade Toogoom Seawall.

Regards

Tracey Genrich

Manager Priority Projects

Office of the Chief Executive Officer

T (07) 4197 4521 | tracey.genrich@frasercoast.qld.gov.au

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BATTEN Denise

From: Tracey Genrich <Tracey.Genrich@frasercoast.qld.gov.au>
Sent: Wednesday, 2 September 2015 1:37 PM
To: BATTEN Denise; Michelle Riley
Cc: Rosalyn Acworth
Subject: RPEQ Certification Letter - Kingfisher Parade Toogoom Seawall
Attachments: RPEQ certification letter - 2 September 2015.pdf

Hi Denise, As discussed earlier today, please see final RPEQ Certification Letter from Gildas Colleter, Design Engineer – Aurecon for the Kingfisher Parade Toogoom Seawall.

Regards

Tracey Genrich

Manager Priority Projects

Office of the Chief Executive Officer

T (07) 4197 4521 **M** (07) 4197 4521 **E** tracey.genrich@frasercoast.qld.gov.au

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Aurecon Australasia Pty Ltd
ABN 54 005 139 873
Level 14, 32 Turbot Street
Brisbane QLD 4000
Locked Bag 331
Brisbane QLD 4001
Australia

T +61 7 3173 8000
F +61 7 3173 8001
E brisbane@aurecongroup.com
W aurecongroup.com



2 September 2015

Tracey Genrich
Manager Priority Projects
Fraser Coast Council
PO Box 1943, Hervey Bay QLD 4655

Dear Tracey

Kingfisher Parade Seawall – RPEQ certification

This letter is to certify that the Kingfisher Parade Seawall has been completed for the Fraser Coast Regional Council. The project included the construction of an erosion protection seawall along properties 48 to 80 Kingfisher Parade, Toogoom. The seawall design is detailed in Aurecon design report of 27 August 2013 which details further the seawall functional requirements.

The seawall design standard follows EHP guideline requirements for "Building and engineering standards for tidal works" for seawall including a 50 year design standard for a design life of 50 years and an allowance for sea level rise of 0.3m.

Construction of the works is now completed following the 11 November 2014 "as constructed" survey provided by Engineering Plus. A "Safe Design" assessment has been carried from design through to construction completion.

The asset is now managed by Council and as such revegetation efforts are underway.

Yours sincerely,

sch4p4(6) Signature

Gildas Colleter
Coastal Engineer – RPEQ 7367

Enc:

Copies:

From: Tracey Genrich [Tracey.Genrich@frasercoast.qld.gov.au]
Sent: Wednesday, 4 November 2015 9:47 AM
To: BATTEN Denise
Subject: RPEQ Certification - Kingfisher Parade Toogoom Seawall
Attachments: 237236-0000-LET-LA-001 - RPEQ Certification_30-Oct-2015 (00000002).pdf

Categories: Important

Hi Denise, Following on from Council's response to DEHP correspondence re Toogoom Seawall project, please see attached the RPEQ Certification now received from the Design Engineer and which now addresses the requirements of Condition 12 of the DA.

Regards

Tracey Genrich

Manager Priority Projects
Office of the Chief Executive Officer

T (07) 4197 4521 | M sch4p4(6) Personal information | E tracey.genrich@frasercoast.qld.gov.au

From: Gildas Colleter [mailto:Gildas.Colleter@aurecongroup.com]
Sent: Tuesday, 3 November 2015 4:24 PM
To: Tracey Genrich
Subject: Certificate

Dear Tracey,

Please find attached our second certificate. It is more specific than our original letter and better aligned on the Condition 12.

Please don't hesitate to call to discuss.

Thanks and regards,

g.

Gildas Colleter, Pr Eng, MIEAust, CPEng, RPEQ

Technical Director | Aurecon

T +61 7 3173 8427 | F +61 7 3173 8001 | C/M sch4p4(6) Personal information

E gildas.colleter@aurecongroup.com

Level 14, 32 Turbot Street, Brisbane, Queensland, 4000, Australia

Locked Bag 331, Brisbane, Queensland, 4001, Australia

aurecongroup.com

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PO Box 1943, HERVEY BAY Q 4655

RTI DL RELEASE - EHP

Aurecon Australasia Pty Ltd
ABN 54 005 139 873
Level 14, 32 Turbot Street
Brisbane QLD 4000
Locked Bag 331
Brisbane QLD 4001
Australia

T +61 7 3173 8000
F +61 7 3173 8001
E brisbane@aurecongroup.com
W aurecongroup.com



3 November 2015

Tracey Genrich
Manager Priority Projects
Fraser Coast Council
PO Box 1943, Hervey Bay QLD 4655

Dear Tracey

Kingfisher Parade Seawall – RPEQ Certification

This letter is to certify that the Kingfisher Parade Seawall has been completed for the Fraser Coast Regional Council (FCRC). The project included the construction of an erosion protection seawall along properties 48 to 80 Kingfisher Parade, Toogoom. The Aurecon design report of 27 August 2013 ("Design Report") details the seawall design, parameters and functional and maintenance requirements. Engineering firm, Engineering Plus, managed and supervised the construction contract as a construction supervising engineer while Aurecon was engaged by FCRC to provide technical support during construction, consisting of:

- Technical responses to Request For Information (RFI), and
- Three (3) site visits, during construction.

Ultimately, Aurecon undertook five sites inspections during the works (on 06/12/2013, 27/02/2014, 3/03/2014, 2/04/2014, 20/05/2014) to support FCRC and to assist Engineering Plus address issues identified in the course of the site visits.

These inspections have to the best of our knowledge and belief, confirmed that the "as constructed works" completed the 11 November 2014 are in accordance with the intent of the coastal engineering design intent, as detailed in the Design Report and Aurecon "Kingfisher Parade Seawall - Review of "As Constructed" survey – November 2014" of 20 November 2014, subject to compliance by the builder and the construction supervising engineer with advice provided at and subsequent to those inspections.

Therefore, following Condition 12 issued by DEHP as per Development Permit SDA-0813-004113 Aurecon on behalf of the Fraser Coast Regional Council provides the RPEQ certification that the "as constructed" seawall (ie "The Works"):

- a) The constructed works are in accordance with the approved drawings and the design intent (based on the inspections undertaken and the survey results, as detailed herein)
- b) The Works:
 - i) are structurally adequate for the anticipated usage (ie "erosion protection seawall")
 - ii) comply with all relevant codes, including EHP Operational Policy for "Building and engineering standards for tidal works"
- c) An area for a distance of 20 metres around the site of The Works is clear of materials which don't form part of the final works, such as disused materials, stockpiles and/or temporary works/fences, at the time of our last site visit, the 20 May 2014.

Revegetation requirements for the works is outlined in the Development Application and we are informed that Council carried these works until June 2015.

It is highlighted that on-going inspections and maintenance of seawalls (such as cleaning debris) are required to ensure they remain safe and functional throughout their life and, as such, the asset is managed by Council.

Yours sincerely

sch4p4(6) Signature

Gildas Colleter
Coastal Engineer – RPEQ 7367

RTI DL RELEASE - EHP

From: Gildas Colleter [Gildas.Colleter@aurecongroup.com]
Sent: Monday, 30 November 2015 10:38 AM
To: Tracey Genrich
Subject: Toogoom Seawall

Dear Tracey,

Thank you for the survey data, as discussed please find an overview of this information.

The surveyor has surveyed 35 plates out 60, which is 9 more than during the 10 November visit. I guess they used a shovel to find some of these plates i.e. 17, 18, etc... With a likelihood of 23 covered with sand and 1 "missing plate". We observed that plate 48 is supported by a broken armour rock.

In term of main statistics, that would be "1.6% plate lost" (plate 31) and "1.6% rock damaged" (rock 48). As indicated in our memorandum following the site visit, the rock damaged is likely to be mechanical or accidental rather than due to "weathering" (7 x equal-sized "fresh" broken pieces is unlikely to have occurred over a period of time but rather instantaneously).

This "preliminary" survey, 1 year after completion, suggests a dilapidation rate of up to 1-2% per year. This preliminary dilapidation rate is to be confirmed in 2019 (or following the next "big" storm event), by a more detailed condition survey.

I think it would be useful to glue another "Plate 31", since it is missing so that we can observe this point later-on. Maybe this can be done during next maintenance? It's not critical though (it's only 1 plate over 60..) although next time, I highly recommend to equip the surveyor with "replacement plates". Please, could you discuss this with Rosalyn and Brooke?

Also, could the surveyor provide a comment on what they have observed at that location 31? Is the plate missing BUT some glue is still there attached to the rock (i.e. the rock has not moved but the glue "failed") OR is it impossible to find any trace of the plate at all (could be that a rock movement, etc..)?

We can analyse the survey in more detail and check for rock and beach movements between this survey and the previous survey (as we did last year to form the "as built" discussion) and prepare a condition assessment report. This should be helpful to quantify any armour motions, although this will require a few additional days to complete this task.

Thanks and regards,

G.

Gildas Colleter, Pr Eng, MIEAust, CPEng, RPEQ

Technical Director | Aurecon

T +61 7 3173 8427 | **F** +61 7 3173 8001 | **C/M** 3014p4(6) Personal information

E gildas.colleter@aurecongroup.com

Level 14, 32 Turbot Street, Brisbane, Queensland, 4000, Australia

Locked Bag 331, Brisbane, Queensland, 4001, Australia

aurecongroup.com

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From: Tracey Genrich [Tracey.Genrich@frasercoast.qld.gov.au]
Sent: Monday, 30 November 2015 10:55 AM
To: Tracey Genrich
Subject: FW: Toogoom Seawall
Attachments: 493503AC.AS5; 493503AC.DXF; 493504AC.AS5; 493504AC.DXF;
Scan_Desktop_20151124_010229.pdf

From: Pacific Coast Surveys [mailto:pcsurv@bigpond.net.au]
Sent: Thursday, 26 November 2015 12:13 PM
To: Tracey Genrich
Subject: FW: Toogoom Seawall

Hello Tracey.

Ashley has sent the seawall stuff to Kane McReady of engineers plus.

Copy of his email attached below.

Thanks

Pacific Coast Surveys
(07) 41249 499
3 Elizabeth Street, Hervey Bay 4655
pcsurv@bigpond.net.au

From: Pacific Coast Surveys [mailto:pcsurv@bigpond.net.au]
Sent: Tuesday, 24 November 2015 11:30 AM
To: kane@engineersplus.com.au
Subject: Toogoom Seawall

Hey Kane,

Here is data for above mentioned, 493503ac is combined file for comparisons.

Cheers,
Ash

Pacific Coast Surveys
(07) 41249 499
3 Elizabeth Street, Hervey Bay 4655
pcsurv@bigpond.net.au

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From: Tracey Genrich [Tracey.Genrich@frasercoast.qld.gov.au]

Sent: Monday, 30 November 2015 10:58 AM

To: BATTEN Denise

CC: Kane Macready (kane@engineersplus.com.au); 'Gildas Colleter' (Gildas.Colleter@aurecongroup.com); Rosalyn Acworth; Brooke Broadstock

Subject: Survey Data November, 2015 - Kingfisher Parade Toogoom Seawall

Attachments: FW: Toogoom Seawall; Toogoom Seawall

Hi Denise, As discussed at the onsite meeting held on 10 November, 2015, please see attached the survey data undertaken in November, 2015 by Pacific Coast Surveys. Also attached is an email from Gildas who has undertaken a preliminary review of the survey data.

Can you please provide this information to your Coastal Engineer, Paul, and advise of if the information is suitable for Paul to complete his assessment and report on the Kingfisher Parade Toogoom Seawall project.

I look forward to hearing from you.

Regards

Tracey Genrich

Manager Priority Projects

Office of the Chief Executive Officer

T (07) 4197 4521 |  schmp4(6) Personal information | E tracey.genrich@frasercoast.qld.gov.au

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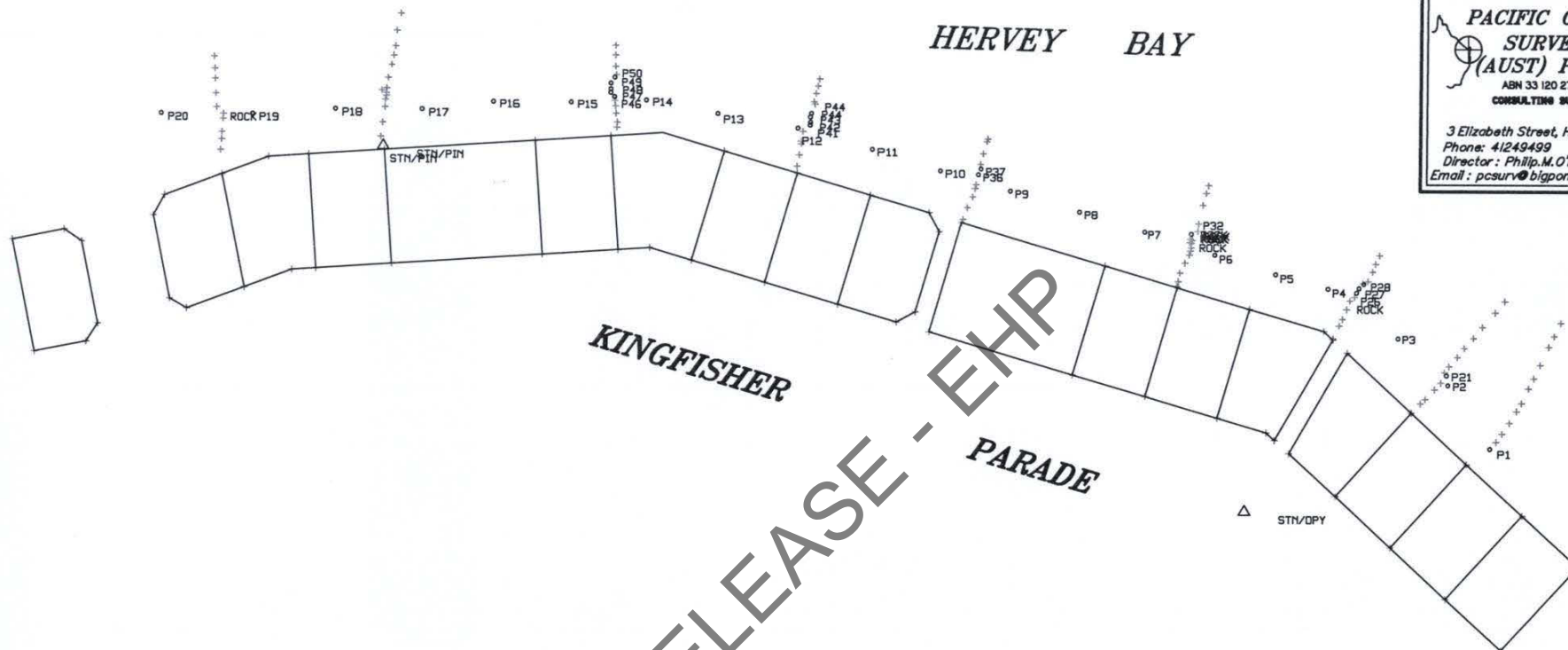
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**PACIFIC COAST
SURVEYS
(AUST) PTY LTD**
ABN 33 120 271 052
CONSULTING SURVEYORS

3 Elizabeth Street, HERVEY BAY
Phone: 41249499
Director: Philip M. O'Donoghue.
Email: pcsurvey@bigpond.net.au



CIVILCAD 5 Job 493504AC Date 24/11/15 08:21:15
File C:\CCAD5\TEMP\493504AC.OUT

Job details 18/11/15

493504AC.OUT

Point	-X-	-Y-	-Z-	Code	Sym	C Lat
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2002	467310.17385	7207794.71975	3.597	P2	\$CIR1	SSI
2003	467296.85117	7207806.95759	3.601	P3	\$CIR1	SSI
2004	467278.12914	7207820.01014	3.516	P4	\$CIR1	SSI
2005	467264.30866	7207823.77210	3.665	P5	\$CIR1	SSI
2006	467248.36043	7207828.85860	3.825	P6	\$CIR1	SSI
2007	467229.70939	7207834.86034	3.569	P7	\$CIR1	SSI
2008	467212.49234	7207840.04292	3.636	P8	\$CIR1	SSI
2009	467194.13474	7207845.50690	3.767	P9	\$CIR1	SSI
2010	467175.39060	7207850.74113	3.612	P10	\$CIR1	SSI
2011	467157.44450	7207856.32383	3.653	P11	\$CIR1	SSI
2012	467137.80325	7207861.80617	3.966	P12	\$CIR1	SSI
2013	467116.66116	7207865.54648	3.532	P13	\$CIR1	SSI
2014	467097.69719	7207869.01768	3.936	P14	\$CIR1	SSI
2015	467077.64961	7207868.34596	3.817	P15	\$CIR1	SSI
2016	467057.07705	7207868.33817	3.574	P16	\$CIR1	SSI
2017	467038.03215	7207866.25421	3.686	P17	\$CIR1	SSI
2018	467015.04252	7207866.15192	3.671	P18	\$CIR1	SSI
2019	466992.79904	7207864.61521	3.614	P19	\$CIR1	SSI
2020	466968.41500	7207864.61521	3.553	P20	\$CIR1	SSI
2021	467309.77951	7207797.27423	2.802	P21	\$CIR1	SSI
2026	467285.69266	7207819.00617	2.472	P26	\$CIR1	SSI
2027	467286.34788	7207820.18956	1.789	P27	\$CIR1	SSI
2028	467287.62861	7207821.33697	1.324	P28	\$CIR1	SSI
2032	467242.14164	7207834.39937	1.982	P32	\$CIR1	SSI
2036	467185.50406	7207849.81190	2.377	P36	\$CIR1	SSI
2037	467186.19384	7207851.31789	1.879	P37	\$CIR1	SSI
2041	467141.02081	7207862.63737	2.921	P41	\$CIR1	SSI
2042	467141.07385	7207863.38014	2.582	P42	\$CIR1	SSI
2043	467141.10920	7207864.79493	2.521	P43	\$CIR1	SSI
2044	467141.35671	7207865.76761	2.053	P44	\$CIR1	SSI
2046	467089.16582	7207869.81927	2.874	P46	\$CIR1	SSI
2047	467088.16118	7207870.93745	2.549	P47	\$CIR1	SSI
2048	467088.17396	7207871.92112	2.161	P48	\$CIR1	SSI
2049	467088.19043	7207873.42757	1.821	P49	\$CIR1	SSI
2050	467089.23923	7207874.97154	1.345	P50	\$CIR1	SSI

Plaque 31 appears to be missing.
Plaques 22-25,29-30,33-35,38-40,45,
51-60 are covered by sand and not found.

LEVEL DATUM IS AHD (DER)
VIDE PSM 90791 (RL = 4.08)
HORIZONTAL DATUM IS GDA94 (ZONE 56).

FOR SURVEY STN DATA AND
SEAWALL LEVEL INFORMATION SEE
DIGITAL FILE 493504AC.A55

PARISH VERNON

COUNTY MARCH

TOWN / LOCALITY TOOGOOM

LOCAL GOVERNMENT FRASER COAST R.C

DISCLAIMER

The title boundaries as shown hereon were not marked at the time of survey and have been determined by plan dimension only and not by field survey. Services shown hereon have been located where possible by field survey. If not able to be so located, services have been plotted from the records of relevant authorities where available and have been noted accordingly on this plan. Where such records either do not exist or are inadequate a notation has been made hereon. Prior to any demolition, excavation or construction on the site, the relevant authority should be contacted for possible location of underground services and detailed locations of all services.

CLIENT

FRASER COAST REGIONAL COUNCIL

PLAN OF

SEAWALL MONITORING SURVEY OF
SEAWALL CONSTRUCTION
KINGFISHER PARADE
TOOGOOM

DRAWN

AWJB

DATE

20/11/15

Scale: 1:1250 at A3

YOUR JOB NUMBER

DWG No

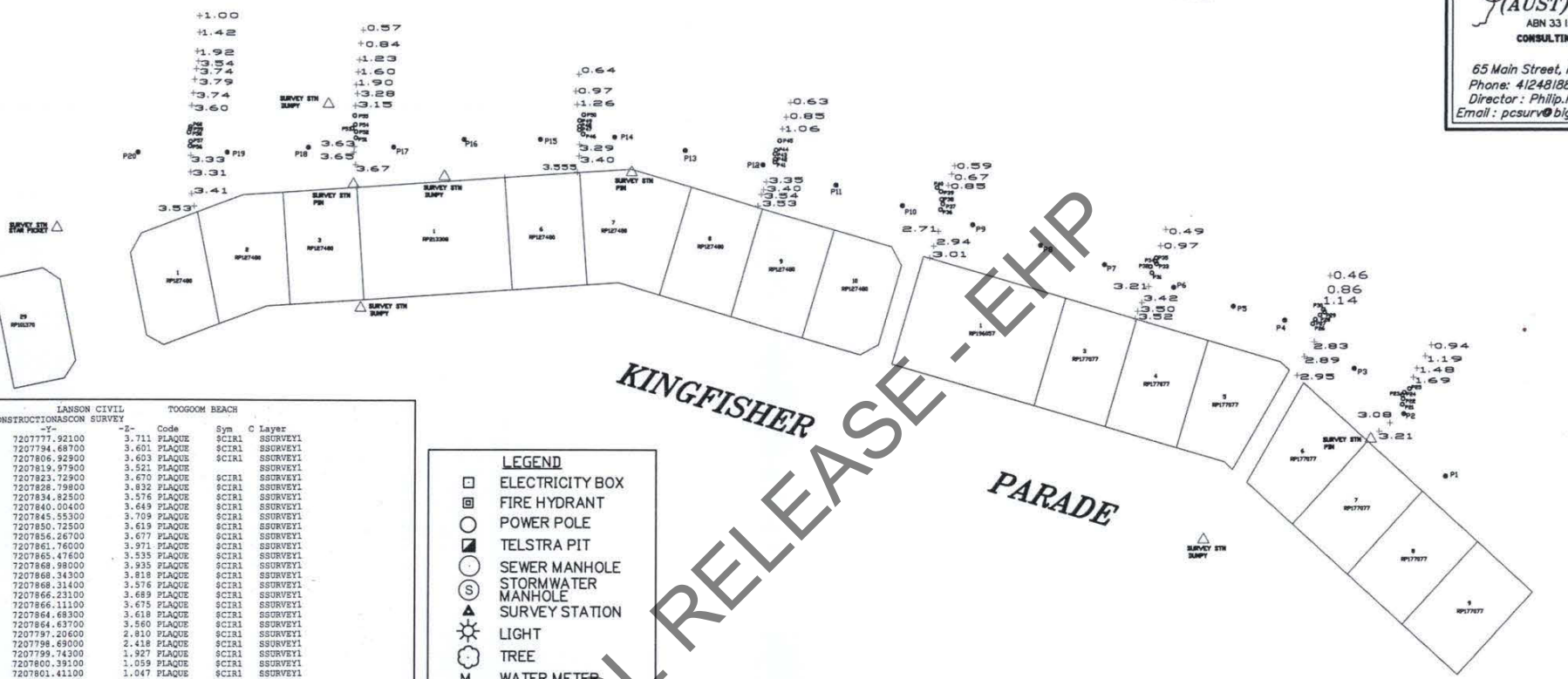
493503AC



HERVEY BAY

**PACIFIC COAST
SURVEYS
(AUST) PTY LTD**
ABN 33 120 271 052
CONSULTING SURVEYORS

65 Main Street, HERVEY BAY
Phone: 41248188 Fax: 41248722
Director: Philip M. O'Donoghue
Email: pcsurv@bigpond.net.au



ob details 02/06/14 LANSOW CIVIL TOOGOOM BEACH
SEAWALL CONSTRUCTION SURVEY

Point	-X-	-Y-	Code	Sym	C Layer
1	467321.34700	7207777.92100	3.711 PLAQUE	SCIR1	SSURVEY1
2	467310.18800	7207794.68700	3.601 PLAQUE	SCIR1	SSURVEY1
3	467296.85700	7207806.92900	3.603 PLAQUE	SCIR1	SSURVEY1
4	467278.15600	7207819.97900	3.521 PLAQUE	SCIR1	SSURVEY1
5	467264.32200	7207823.72900	3.670 PLAQUE	SCIR1	SSURVEY1
6	467248.37300	7207828.79800	3.832 PLAQUE	SCIR1	SSURVEY1
7	467229.72600	7207834.82500	3.576 PLAQUE	SCIR1	SSURVEY1
8	467212.49900	7207840.00400	3.649 PLAQUE	SCIR1	SSURVEY1
9	467194.25800	7207845.55300	3.709 PLAQUE	SCIR1	SSURVEY1
10	467175.33500	7207850.72500	3.619 PLAQUE	SCIR1	SSURVEY1
11	467157.40200	7207856.26700	3.677 PLAQUE	SCIR1	SSURVEY1
12	467137.81300	7207861.76000	3.971 PLAQUE	SCIR1	SSURVEY1
13	467116.74400	7207865.47600	3.535 PLAQUE	SCIR1	SSURVEY1
14	467097.62100	7207868.98000	3.935 PLAQUE	SCIR1	SSURVEY1
15	467077.62100	7207868.34300	3.819 PLAQUE	SCIR1	SSURVEY1
16	467057.03700	7207868.31400	3.576 PLAQUE	SCIR1	SSURVEY1
17	467037.96900	7207866.23100	3.689 PLAQUE	SCIR1	SSURVEY1
18	467014.83800	7207866.11100	3.675 PLAQUE	SCIR1	SSURVEY1
19	466992.77500	7207864.68300	3.618 PLAQUE	SCIR1	SSURVEY1
20	466968.41700	7207864.63700	3.560 PLAQUE	SCIR1	SSURVEY1
21	467309.81200	7207797.20400	2.810 PLAQUE	SCIR1	SSURVEY1
22	467310.04100	7207798.69000	2.418 PLAQUE	SCIR1	SSURVEY1
23	467309.77900	7207799.74300	1.927 PLAQUE	SCIR1	SSURVEY1
24	467310.32000	7207800.39100	1.059 PLAQUE	SCIR1	SSURVEY1
25	467311.74800	7207801.41100	1.047 PLAQUE	SCIR1	SSURVEY1
26	467285.73100	7207818.95300	2.484 PLAQUE	SCIR1	SSURVEY1
27	467286.39200	7207820.13500	1.792 PLAQUE	SCIR1	SSURVEY1
28	467287.65700	7207821.27900	1.323 PLAQUE	SCIR1	SSURVEY1
29	467288.86000	7207822.11100	1.019 PLAQUE	SCIR1	SSURVEY1
30	467288.54200	7207822.77800	0.805 PLAQUE	SCIR1	SSURVEY1
31	467242.53800	7207832.67000	2.028 PLAQUE	SCIR1	SSURVEY1
32	467242.14600	7207834.37100	1.383 PLAQUE	SCIR1	SSURVEY1
33	467243.80100	7207835.12900	1.093 PLAQUE	SCIR1	SSURVEY1
34	467243.54700	7207835.78700	1.233 PLAQUE	SCIR1	SSURVEY1
35	467243.71700	7207836.69000	1.075 PLAQUE	SCIR1	SSURVEY1
36	467189.62500	7207849.64200	2.460 PLAQUE	SCIR1	SSURVEY1
37	467186.25600	7207851.15800	1.904 PLAQUE	SCIR1	SSURVEY1
38	467189.91800	7207852.38900	1.276 PLAQUE	SCIR1	SSURVEY1
39	467185.75300	7207854.48500	1.007 PLAQUE	SCIR1	SSURVEY1
40	467184.71300	7207855.51300	1.061 PLAQUE	SCIR1	SSURVEY1
41	467141.04000	7207862.54300	2.929 PLAQUE	SCIR1	SSURVEY1
42	467141.09700	7207863.31200	2.582 PLAQUE	SCIR1	SSURVEY1
43	467141.06100	7207864.74200	2.516 PLAQUE	SCIR1	SSURVEY1
44	467141.35500	7207865.74600	2.057 PLAQUE	SCIR1	SSURVEY1
45	467142.32000	7207868.22200	1.088 PLAQUE	SCIR1	SSURVEY1
46	467089.11900	7207874.93200	2.971 PLAQUE	SCIR1	SSURVEY1
47	467088.13000	7207870.92300	2.550 PLAQUE	SCIR1	SSURVEY1
48	467088.13600	7207871.90600	2.164 PLAQUE	SCIR1	SSURVEY1
49	467088.17000	7207873.40500	1.821 PLAQUE	SCIR1	SSURVEY1
50	467088.26200	7207874.93200	1.415 PLAQUE	SCIR1	SSURVEY1
51	467027.71000	7207868.71800	3.272 PLAQUE	SCIR1	SSURVEY1
52	467027.80500	7207870.34500	2.650 PLAQUE	SCIR1	SSURVEY1
53	467026.73000	7207871.23600	2.211 PLAQUE	SCIR1	SSURVEY1
54	467027.58200	7207872.26300	2.274 PLAQUE	SCIR1	SSURVEY1
55	467027.43500	7207874.66300	1.198 PLAQUE	SCIR1	SSURVEY1
56	466982.58400	7207866.32700	2.974 PLAQUE	SCIR1	SSURVEY1
57	466982.75600	7207867.54800	2.591 PLAQUE	SCIR1	SSURVEY1
58	466982.26700	7207870.00700	1.351 PLAQUE	SCIR1	SSURVEY1
59	466982.60200	7207870.89300	0.966 PLAQUE	SCIR1	SSURVEY1
60	466982.66800	7207871.47100	0.746 PLAQUE	SCIR1	SSURVEY1

LEGEND

- ELECTRICITY BOX
- FIRE HYDRANT
- POWER POLE
- TELSTRA PIT
- SEWER MANHOLE
- STORMWATER MANHOLE
- SURVEY STATION
- LIGHT
- TREE
- WATER METER
- STOP VALVE/TAP
- SIGN
- IL INVERT LEVEL
- SL SURFACE LEVEL
- PERMANENT SURVEY MARK
- GRATED PIT
- POWER POLE STAY
- PROPOSED HOUSE
- LOCATION STAKE

PARISH VERNON

COUNTY MARCH

TOWN / LOCALITY TOOGOOM

LOCAL GOVERNMENT FRASER COAST R.C.

DISCLAIMER

The title boundaries as shown hereon were not marked at the time of survey and have been determined by plan dimension only and not by field survey. Services shown hereon have been located where possible by field survey. If not able to be so located, services have been platted from the records of relevant authorities where available and have been noted accordingly on this plan. Where such records either do not exist or are inadequate a notation has been made hereon.

Prior to any demolition, excavation or construction at the site, the relevant authority should be contacted for possible location of further underground services and detailed locations of all services.

BUILDER	FRASER COAST REGIONAL COUNCIL
PLAN OF	ASCONSTRUCTED SURVEY OF NEW SEAWALL CONSTRUCTION KINGFISHER PARADE TOOGOOM
DRAWN	AWJB
DATE	17/05/14

Scale: 1:1250 at A3
CLIENT
YOUR JOB NUMBER
DWG No 15 493501AC

LEVEL DATUM IS AHD (DER)
VIDE PSM 90791 (RL = 4.08)
HORIZONTAL DATUM IS GDA94 (ZONE 56).

FOR SURVEY STN DATA AND
SEAWALL LEVEL INFORMATION SEE
DIGITAL FILE 493501AC.AS5

From: Nigel Greenup [Nigel.Greenup@frasercoast.qld.gov.au]
Sent: Wednesday, 9 December 2015 2:49 PM
To: BATTEN Denise
CC: Tracey Genrich; Brent Whitworth
Subject: RE: Toogoom Seawall

Importance: High

Hi Denise

I have discussed with Brent Whitworth from Council, and the intention was to plant trees once the creepers / groundcovers were established. It is intended to plant trees as per the plan in mid-January (conditions permitting). The tree growing in the wall will be removed in the next few weeks.

Regards

Nigel

From: BATTEN Denise [mailto:Denise.Batten@ehp.qld.gov.au]
Sent: Tuesday, 8 December 2015 1:20 PM
To: Nigel Greenup
Subject: FW: Toogoom Seawall

Hi Nigel,

Apologies for not including the information about the tree growing through the seawall. During a compliance inspection, Kingfisher Parade pointed out that there is a young eucalypt growing through the seawall (approx. 1 - 1.5m in height). She indicated that she did not think that this type of tree would be a good idea left to grow in that location as it may damage the wall.

Thanks

Denise

From: BATTEN Denise
Sent: Tuesday, 8 December 2015 1:08 PM
To: Nigel.Greenup@frasercoast.qld.gov.au
Subject: Toogoom Seawall

Hi Nigel,

Further to our discussion this morning regarding the revegetation works at Toogoom Seawall, can you please advise as to the status of using trees and shrubs in the 4 – 5 m on the property boundary.

Regards



Denise Batten
Senior Environmental Officer
South Queensland Compliance
I Environmental Services and Regulation
Department of Environment and Heritage Protection

P 07 4121 1818
102 Lennox Street Maryborough QLD 4650
PO Box 145 Maryborough QLD 4650

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RTI DL RELEASE - EHP



Department of
**Environment and
Heritage Protection**

Ref CTS 27537/15

03 DEC 2015

Ms Lisa Desmond
Chief Executive Officer
Fraser Coast Regional Council
PO Box 1943
HERVEY BAY QLD 4655

Dear Ms Desmond

Thank you for your letter dated 11 November 2015 regarding the Toogoom Seawall. The Director-General has asked me to respond on his behalf.

I am advised that the Department of Environment and Heritage Protection has received the amended Registered Professional Engineers Queensland (RPEQ) certification for the Toogoom Seawall and is currently assessing the additional information.

I also confirm that at no time to date, has the department condemned the construction of the seawall from either the viewpoint of the structure being unfit for the intended use or in the sense of any adverse judgment in relation to the construction of the seawall.

I can also confirm that no correspondence from the department has been issued in relation to this matter, with the exception of the letter you have referred to which was issued to the Fraser Coast Regional Council by the department on 29 September 2015. As you have mentioned, this letter outlined issues associated with the content and timing of the submission of the original RPEQ certification that was submitted to the department on 2 September 2015. It does not discuss the adequacy of the construction of the seawall.

Should your staff have any further enquiries, please contact Ms Denise Batten, Senior Environmental Officer, Environmental Services and Regulation of the department on telephone 4121 1818.

Yours sincerely

sch4p4(6) Signature

Dean H. Wood
Deputy Director-General

Level 7
400 George Street Brisbane
GPO Box 2454 Brisbane
Queensland 4001 Australia
Telephone + 61 7 3330 5550
Facsimile + 61 7 3330 5634
Website www.ehp.qld.gov.au
ABN 46 640 294 485

RECEIVED / REGISTERED Dept of Environment and Heritage Protection Maryborough	
20 OCT 2015	
File #:	070 0000395
Item #:	4209982

16 October, 2015



Fraser Coast
REGIONAL COUNCIL

Ms Dayna Claybourn
A/Compliance Delivery Manager
Industry, Development & South Queensland Compliance
Environmental Services & Regulation
Department of Environment and Heritage Protection
PO Box 145
MARYBOROUGH QLD 4650

PO Box 1943
Hervey Bay Qld 4655

T 1300 79 49 29
F (07) 4197 4455
E enquiry@frasercoast.qld.gov.au
www.frasercoast.qld.gov.au

Dear Ms Claybourn

RE: Response to Toogoom Seawall Contravention

Reference is made to your correspondence dated 29 September, 2015 requesting Council to respond to a potential contravention of a development application condition for SDA-083-004113 Operational Works – Prescribed Tidal Works and Vegetation Removal – Toogoom Seawall.

In response to the correspondence received Council submits the following information in response:-

- A contract was issued to Lanson Civil for the civil construction component of the Kingfisher Parade Toogoom Seawall, however this contract did not include the revegetation/planting component of the project which was a significant component of the project given the size and scope of the project.
- Council confirms that the civil construction works were completed by Lanson Civil on 11 November, 2014 and a copy of the Practical Completion Certificate for those works was provided to your Department recently.
- However, the revegetation/planting component of the project was undertaken by inhouse Council open space staff. The revegetation plan and agreed outcomes of the revegetation process were negotiated between Council officers and officers of your Department with a view to ensuring that the revegetation works would be as successful as possible given the exposed nature of the location of the project.
- The area of the revegetation was along the complete length of the wall (some 400m) and a large section on the western end of the wall. The initial replanting works commenced in November, 2014 and continued until early 2015.
- In accordance with the requirements of the revegetation plan, the area has been subject to ongoing intensive maintenance and replanting as required and as at June, 2015 has been deemed to be completed to a point where the vegetation is now in a state that is stable and able to be maintained for the 2 year period (from commencement of planting) as conditioned in the development application.
- For your information I have provided a number of photographs taken during the replanting that show the works being undertaken and the nature of the plantings.

Council acknowledges condition 12 of the concurrence response from the Department of State Development, Infrastructure and Planning, dated 1 October, 2013, and confirms that it was Council's interpretation that the removal of vegetation, civil construction of the rockwall, and the revegetation and rehabilitation of the foreshore behind the wall were all

... ..

... ..

... ..

... ..

... ..

sch4p4(6) Signature

RTI DL RELEASE - EHP

6 February 2014

Department of State Development,
Infrastructure and Planning
PO BOX 979
BUNDABERG QLD 4670



PO Box 1943
Hervey Bay Qld 4655

T 1300 79 49 29
F (07) 4197 4455
E enquiry@frasercoast.qld.gov.au

www.frasercoast.qld.gov.au

Dear Sir/Madam,

DEVELOPMENT APPROVAL FOR APPLICATION NO. OP-136059 - OPERATIONAL WORKS -
PRESCRIBED TIDAL WORKS AND VEGETATION REMOVAL - TOOGOOM SEAWALL -
LOCATED AT ROAD RESERVE AND UNALLOCATED STATE LAND (LATITUDE 25O 14'41"
AND 25O 14'45" LONGITUDE 152O 40'18" AND 152O 40'32"). ADJACENT TO LOTS
DESCRIBED AS: LOT 1 RP 127480, LOT 2 RP 127480, LOT 3 RP 127480, LOT 6 RP
127480, LOT 7 RP 127480, LOT 8 RP 127480, LOT 9 RP 127480, LOT 10 RP 127480, LOT
1 RP 213308, LOT 1 RP 196057, LOT 3 RP 177077, LOT 4 RP 177077, LOT 5 RP 177077,
LOT 6 RP 177077, LOT 7 RP 177077 AND LOT 8 RP 177077

sch4p4(6) Signature

sch4p4(6) Signature

SEAL OF THE FRASER COAST REGIONAL COUNCIL
BUNDABERG

11 November, 2015

Mr Jon Black
Director-General
Department of Environment and Heritage Protection
GPO Box 2454
BRISBANE QLD 4001



Fraser Coast
REGIONAL COUNCIL

PO Box 1943
Hervey Bay Qld 4655

T 1300 79 49 29
F (07) 4197 4455
E enquiry@frasercoast.qld.gov.au
www.frasercoast.qld.gov.au

Dear Mr Black

RE: Request Clarification – Community Comments – Kingfisher Parade Toogoom Seawall Project

You may be aware that Fraser Coast Council, on behalf of a number of private residents of Kingfisher Parade Toogoom Seawall, recently completed the construction and rehabilitation/revegetation of the Kingfisher Parade Toogoom Seawall project.

During the project Council has continued to receive and respond to concerns raised by several members of the general community in relation to a number of issues including, but not limited to, the suitability of a rockwall as an erosion protection measure, construction methods of the wall and the agreement between the private residents and Council for the project to be the subject of a benefited rate applicable to the particular properties.

Council also recently responded to a letter from the Department of Environment and Heritage Protection in relation to the timing of lodgment of the required RPEQ certification and has submitted an amended RPEQ certification that more thoroughly addresses the requirements of Condition 12 of the approved Development Permit.

As part of Council's continued approach to working with the Department of Environment and Heritage Protection on this project, I can confirm that Council Officers, Contract Superintendent, Design Engineer, Contractor and Department of Environment and Heritage Protection Coastal Engineer and a Compliance Officer undertook a thorough onsite inspection of the project yesterday, Tuesday, 10 November, 2015, at which time no major or significant concerns were raised.

At the meeting Council agreed to undertake some further surveying of the wall with a view to comparing its current state compared to the survey undertaken 12 months previously. The Coastal Engineer and Compliance Officer have advised that upon receipt of the additional survey they will prepare a report on their findings and submit to Council as soon as practical.

However, there have been a number of comments made publicly recently, both in the printed news media and particularly on a Channel 7 television news broadcast on Friday, 6 November, 2015, during which it was stated that the Department of Environment and Heritage had condemned the construction of the wall. In the same television news broadcast a member of the public advised that he had phoned the Department on that day and had been advised that the RPEQ certification had not yet been submitted by Council.

Rec'd - ODG

13 NOV 2015

Council is not aware of any correspondence or report from the Department condemning the construction of the wall and confirms that the only written correspondence received recently relates to the timing of lodgment of the RPEQ certification and Condition 12 of the Development Permit as outlined above.

Council can also confirm that the amended RPEQ certification was lodged with the Department via email on Tuesday, 3 November, 2015. Officers of the Department have confirmed that they are not aware of any other correspondence and are currently reviewing the response from Council and the amended RPEQ.

Accordingly so that Council can respond to requests from the media in relation to the alleged correspondence "condemning" the construction of the wall, it would be appreciated if the Department is able to confirm in writing, at your earliest convenience, any existence or otherwise of the letter referred to by the member of the public. Council has undertaken a search of its records and is unable to locate any such correspondence.

Council appreciates the continued support and guidance of Departmental Officers in this matter, and on any other projects.

Should you require further information please do not hesitate to contact myself.

Yours faithfully

sch4p4(6) Signature

Lisa Desmond
CHIEF EXECUTIVE OFFICER

Contact Officer: Tracey Genrich, Manager Priority Projects
Phone: 4197 4521
Reference: #3045112

sch4p4(6) Personal information

BATTEN Denise

From: Tracey Genrich <Tracey.Genrich@frasercoast.qld.gov.au>
Sent: Wednesday, 2 September 2015 1:37 PM
To: BATTEN Denise; Michelle Riley
Cc: Rosalyn Acworth
Subject: RPEQ Certification Letter - Kingfisher Parade Toogoom Seawall
Attachments: RPEQ certification letter - 2 September 2015.pdf

Hi Denise, As discussed earlier today, please see final RPEQ Certification Letter from Gildas Colleter, Design Engineer – Aurecon for the Kingfisher Parade Toogoom Seawall.

Regards

Tracey Genrich

Manager Priority Projects

Office of the Chief Executive Officer

sch4p4(6) Personal information

sender



PO

Q 4655

T 1300 79 49 29 **F** (07) 4197 4455 **W** www.frasercoast.qld.gov.au

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RTI DL RELEASE - EHP

Aurecon Australasia Pty Ltd
ABN 54 005 139 873
Level 14, 32 Turbot Street
Brisbane QLD 4000
Locked Bag 331
Brisbane QLD 4001
Australia

T +61 7 3173 8000
F +61 7 3173 8001
E brisbane@aurecongroup.com
W aurecongroup.com



2 September 2015

Tracey Genrich
Manager Priority Projects
Fraser Coast Council
PO Box 1943, Hervey Bay QLD 4655

Dear Tracey

Kingfisher Parade Seawall – RPEQ certification

This letter is to certify that the Kingfisher Parade Seawall has been completed for the Fraser Coast Regional Council. The project included the construction of an erosion protection seawall along properties 48 to 80 Kingfisher Parade, Toogoom. The seawall design is detailed in Aurecon design report of 27 August 2013 which details further the seawall functional requirements.

The seawall design standard follows EHP guideline requirements for "Building and engineering standards for tidal works" for seawall including a 50 year design standard for a design life of 50 years and an allowance for sea level rise of 0.3m.

Construction of the works is now completed following the 11 November 2014 "as constructed" survey provided by Engineering Plus. A "Safe Design" assessment has been carried from design through to construction completion.

The asset is now managed by Council and as such revegetation efforts are underway.

Yours sincerely,

sch4p4(6) Signature

Gildas Colleter
Coastal Engineer – RPEQ 7367

Enc:

Copies:



Department of
**Environment and
Heritage Protection**

Ref CTS 22566/15

29 September 2015

Fraser Coast Regional Council
Chief Executive Officer
PO Box 1943
HERVEY BAY QLD 4655

Att: Jeff Brannan

Dear Ms Desmond,

Re: Toogoom Seawall contravention

I refer to the Concurrence Agency Response Number SDA-0813-004113 (concurrence response) issued to the Fraser Coast Regional Council (council) by the Department of State Development, Infrastructure and Planning (DSDIP) on 1 October 2013. The conditions of the concurrence response were required to be included in council's Development Permit Number OP-136059 (development approval) issued on 16 October 2013. The development approval authorised "Operational Works – Prescribed Tidal Works and Vegetation Removal – Toogoom Seawall."

The Department of Environment and Heritage Protection (department) administers conditions 2 to 12 of the concurrence response and has recently received a Registered Professional Engineer of Queensland (RPEQ) report ("Kingfisher Parade Seawall – RPEQ certification") from council as required by condition 12 of the concurrence response.

Condition 12 requires that a report from a RPEQ must be submitted to the department within three months of the date of the completion of the works. The department understands the works to construct the seawall were completed on 11 November 2014. Council provided the RPEQ report on 2 September 2015, which is not within three months of the completion of the works, and contravenes condition 12.

Condition 12 also requires that a report from a RPEQ must be submitted certifying that:

- a) The works (including any other associated works) have been constructed in accordance with the approved drawings and these conditions.
- b) The works: (i) are structurally adequate for anticipated usage; and (ii) comply with all relevant building codes including the department's operational policy, Building and engineering standards for tidal works; and
- c) An area for a distance of 20 metres around the site of the works is clear of all debris.

A review of the RPEQ certification has identified it does not meet the requirements of points a, b and c of condition 12. While the RPEQ certification states "the seawall design standard follows EHP guideline requirements for Building and engineering standards for tidal works..." the certification does not certify the completed seawall construction works as required by condition 12.

PO Box 145
Maryborough, Qld, 4650
Telephone + 61 7 4121 1875
Website www.ehp.qld.gov.au
ABN 46 640 294 485

Obligations

Council is reminded of its obligations pursuant to section 580 of the *Sustainable Planning Act 2009* which stipulates that it is an offence to contravene a condition of a development approval.

Council is invited to show cause why council should not be subject to enforcement action, including prosecution or penalty infringement notice (PIN).

You may make submissions to the department as follows:

- Submissions must be made in writing;
- Submissions must be sent to PO Box 145, Maryborough, Qld, 4650;
- Submissions must be made by 5pm on **16 October 2015**.

Penalties

It is an offence to contravene a condition of a development approval under section 580 of the *Sustainable Planning Act 2009*. The maximum penalty for a corporation is 8325 penalty units, totalling \$980,685.00. Alternatively, the PIN amounts to \$11,750.00.

In this instance, it has been determined that council must take all reasonable and practical measures immediately to rectify the issues, including providing a copy of a report from a RPEQ which meets all the requirements of condition 12.

If additional evidence becomes available, or if a continuation of the contravention(s) is identified and/or other more serious matters come to light in the future, the department will consider taking further action, including prosecution in accordance with its enforcement guidelines. A copy of the enforcement guidelines is available on the department's website www.ehp.qld.gov.au.

Other

The department has identified that Attachment 1 of the development approval issued by council on 16 October 2013 appears to omit part of the DSDIP concurrence response (including conditions 2 to 8 or the departments' conditions to be imposed). The department requests an amended copy of the development approval which includes the departments' conditions.

Should you have any further enquiries, please contact Tracey Wilson, A/Principal Environmental Officer on telephone 4121 1875.

Yours sincerely,

sch4p4(6) Signature

Dayna Claybourn
A/Compliance Delivery Manager
Industry, Development and South Queensland Compliance
Environmental Services and Regulation
Department of Environment and Heritage Protection