

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is crucial for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent data collection practices and the use of advanced analytical techniques to derive meaningful insights from the data.

3. The third part of the document focuses on the role of technology in data management and analysis. It discusses how modern software solutions can streamline data collection, storage, and analysis processes, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data management, such as data quality, security, and privacy. It provides strategies to mitigate these risks and ensure that the organization's data remains reliable and secure.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It stresses the importance of ongoing monitoring and evaluation to ensure that the data management processes remain effective and aligned with the organization's goals.

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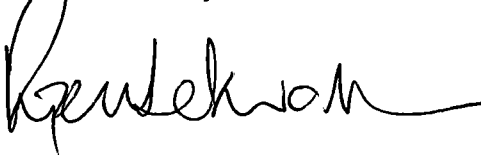
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The Water Corporation sought advice from Michael Pengelly on 26th August 2011, regarding referral of this project to the Environmental Protection authority (EPA) for assessment.

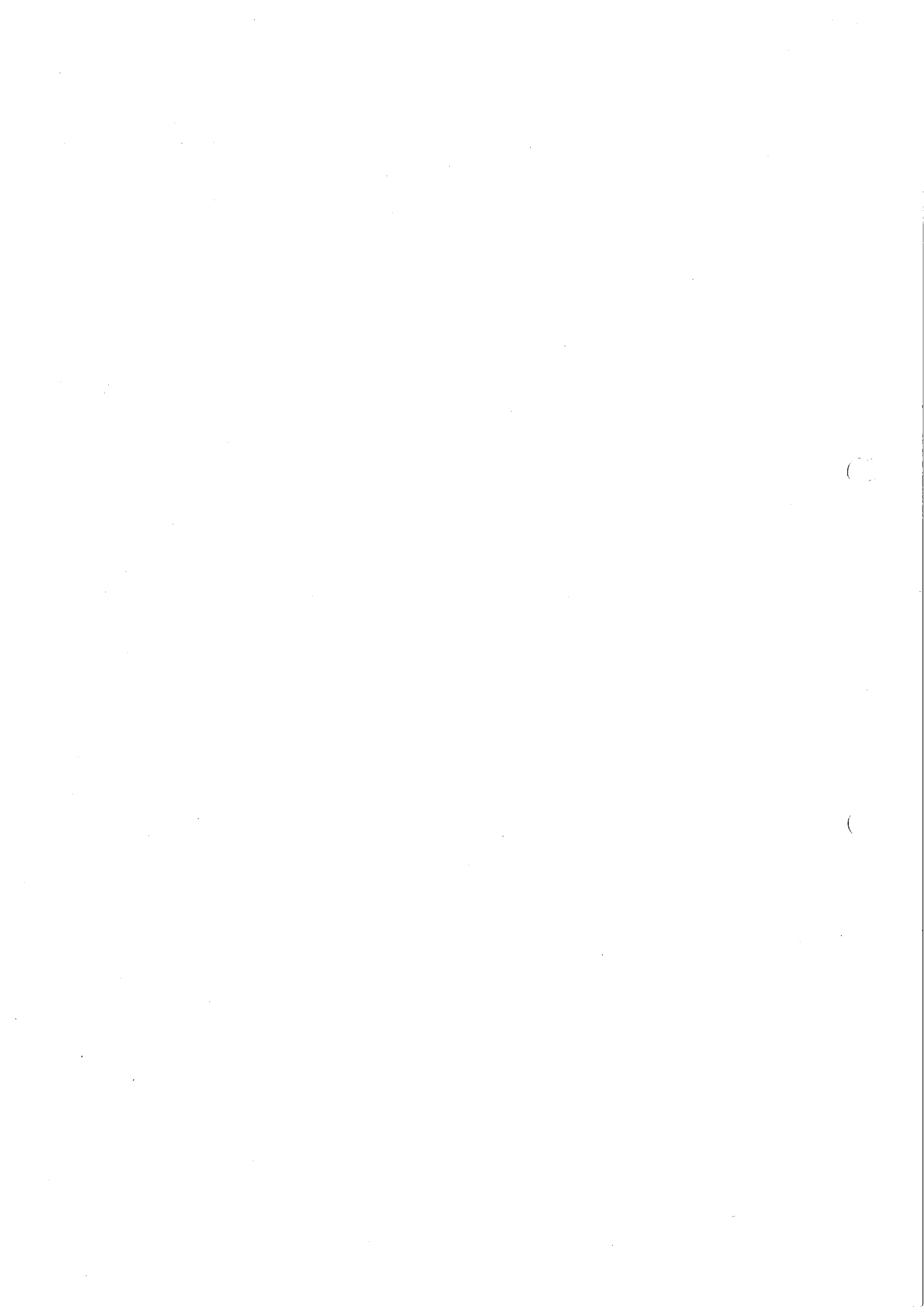
The Water Corporation believes that the environmental issues associated with the proposed works can be managed appropriately. On this basis, it is considered that an appropriate level of assessment for this proposal is 'Not Assessed'.

Should you have any queries regarding this project, please contact Carole Armstrong of the Environment Branch on 9420 3562 or via email at carole.armstrong@watercorporation.com.au.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Rupert Duckworth', written in a cursive style.

Rupert Duckworth
Manager Environmental Impact Assessment and Approvals
Water Corporation





Environmental Protection Authority

GOVERNMENT OF
WESTERN AUSTRALIA

**Referral of a Proposal by the Proponent to the
Environmental Protection Authority under
Section 38(1) of the *Environmental Protection Act 1986*.**

**EPA REFERRAL
FORM
PROPONENT**

PURPOSE OF THIS FORM

Section 38(1) of the *Environmental Protection Act 1986* (EP Act) provides that where a development proposal is likely to have a significant effect on the environment, a proponent may refer the proposal to the Environmental Protection Authority (EPA) for a decision on whether or not it requires assessment under the EP Act. This form sets out the information requirements for the referral of a proposal by a proponent.

Proponents are encouraged to familiarise themselves with the EPA's *General Guide on Referral of Proposals* [see Environmental Impact Assessment/Referral of Proposals and Schemes] before completing this form.

A referral under section 38(1) of the EP Act by a proponent to the EPA must be made on this form. A request to the EPA for a declaration under section 39B (derived proposal) must be made on this form. This form will be treated as a referral provided all information required by Part A has been included and all information requested by Part B has been provided to the extent that it is pertinent to the proposal being referred. Referral documents are to be submitted in two formats – hard copy and electronic copy. The electronic copy of the referral will be provided for public comment for a period of 7 days, prior to the EPA making its decision on whether or not to assess the proposal.

CHECKLIST

Before you submit this form, please check that you have:

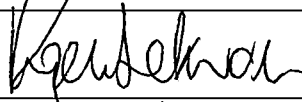
	Yes	No
Completed all the questions in Part A (essential).	✓	
Completed all applicable questions in Part B.	✓	
Included Attachment 1 – location maps.	✓	
Included Attachment 2 – additional document(s) the proponent wishes to provide (if applicable).		
Included Attachment 3 – confidential information (if applicable).	-	-
Enclosed an electronic copy of all referral information, including spatial data and contextual mapping but excluding confidential information.	✓	

Following a review of the information presented in this form, please consider the following question (a response is optional).

Do you consider the proposal requires formal environmental impact assessment?		
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Not sure
If yes, what level of assessment?		
<input type="checkbox"/> Assessment on Proponent Information	<input type="checkbox"/> Public Environmental Review	

PROPONENT DECLARATION (to be completed by the proponent)

I, **Carole Armstrong**, (*full name*) declare that I am authorised on behalf of **WATER CORPORATION** (being the person responsible for the proposal) to submit this form and further declare that the information contained in this form is true and not misleading.

Signature 	Name (print) Robert Duckworth
Position MAN EIA & APPROVALS	Company WATER CORPORATION
Date 6 May 2013	

PART A - PROPONENT AND PROPOSAL INFORMATION

(All fields of Part A must be completed for this document to be treated as a referral)

1 PROPONENT AND PROPOSAL INFORMATION

1.1 Proponent

Name	Water Corporation
Joint Venture parties (if applicable)	N/A
Australian Company Number (if applicable)	
Postal Address (where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State)	P.O. Box 100 Leederville W.A. 6902
Key proponent contact for the proposal: <ul style="list-style-type: none">• name• address• phone• email	Carole Armstrong 629 Newcastle Street Leederville WA 6007 PO Box 100 Leederville 6902 Phone: 94203562 Email:Carole.armstrong@watercorporation.com.au
Consultant for the proposal (if applicable): <ul style="list-style-type: none">• name• address• phone• email	

1.2 Proposal

Title	Busselton Ford Road Vacuum WWPS Receiving Sewer
Description	<p>The proposal involves the construction of 75 m of DN 375 gravity main, and 585m of DN 250 pressure main. The pipeline commences at the junction of Harris Road and Cammilleri Street and connects at the proposed discharge manhole 1144 at the junction of Peel Terrace and Edwards in Busselton</p> <p>The proposed alignment was chosen with the intention of having minimal impact on the environment. Alternative routes were considered but other services in the area and traffic flow led the Water Corporation to choose the proposed route. The proposed route is mostly within road reserve with a small section passing through Department of Fire and Emergency (DFES) land. A section along Peel Terrace will be installed along/through parking bays.</p>

	<p>The section of the pipeline between Harris Street and Peel Terrace then Pries Avenue to the connection to the existing gravity sewer will be installed using open trench excavation.</p> <p>The section along Peel Terrace between Cammilleri Street and Pries Avenue will be directionally drilled to minimise any impact on the Conservation Category Wetland (CCW) and Swan Coastal Plain Wetlands Environmental Policy (EPP) in this area.</p> <p>A Construction Environmental Management Framework (CEMF) has been developed for this project. The CEMF contains the management actions that are to be taken to ensure the project has minimal impact on the environment. A copy of the CEMF is attached in Appendix 1.</p>
Extent (area) of proposed ground disturbance.	The pipeline is linear infrastructure. The width of the Water Corporation's proposed pipeline easement is 10 m. The extent of ground disturbance can best be estimated based on a 10 m corridor for the 1.2 km length of the pipeline. This gives an ultimate area of approximately 1.2 ha.
Timeframe in which the activity or development is proposed to occur (including start and finish dates where applicable).	Construction of the pipeline is expected to commence in the Summer of 2013 and be completed by the Summer of 2014.
Details of any staging of the proposal.	There will be no staging of the project.
Is the proposal a strategic proposal?	No
<p>Is the proponent requesting a declaration that the proposal is a derived proposal?</p> <p>If so, provide the following information on the strategic assessment within which the referred proposal was identified:</p> <ul style="list-style-type: none"> • title of the strategic assessment; and • Ministerial Statement number. 	No
Please indicate whether, and in what way, the proposal is related to other proposals in the region.	The proposed pipeline is an extension of an existing main to improve pumping capacity and reduce flows in other parts of the gravity sewer network, reducing the risk of potential overflows.
Does the proponent own the land on which the proposal is to be established? If not, what other arrangements have been established to access the land?	The majority of the land on which the proposed pipeline route is located is vested with the City of Busselton as road reserve public use. Permission has been sought and obtained for the use of this land from the City of Busselton. A small section of the land is owned DFES. An easement has been obtained to allow access for works along this

PART B - ENVIRONMENTAL IMPACTS AND PROPOSED MANAGEMENT

2. ENVIRONMENTAL IMPACTS

Describe the impacts of the proposal on the following elements of the environment, by answering the questions contained in Sections 2.1-2.11:

- 2.1 flora and vegetation;
- 2.2 fauna;
- 2.3 rivers, creeks, wetlands and estuaries;
- 2.4 significant areas and/ or land features;
- 2.5 coastal zone areas;
- 2.6 marine areas and biota;
- 2.7 water supply and drainage catchments;
- 2.8 pollution;
- 2.9 greenhouse gas emissions;
- 2.10 contamination; and
- 2.11 social surroundings.

These features should be shown on the site plan, where appropriate.

For all information, please indicate:

- (a) the source of the information; and
- (b) the currency of the information.

2.1 Flora and Vegetation

2.1.1 Do you propose to clear any native flora and vegetation as a part of this proposal?

[A proposal to clear native vegetation may require a clearing permit under Part V of the EP Act (Environmental Protection (Clearing of Native Vegetation) Regulations 2004)]. Please contact the Department of Environment and Conservation (DEC) for more information.

- (please tick) Yes If yes, complete the rest of this section.
 No If no, go to the next section

2.1.2 How much vegetation are you proposing to clear (in hectares)?

2.1.3 Have you submitted an application to clear native vegetation to the DEC (unless you are exempt from such a requirement)?

- Yes No If yes, on what date and to which office was the application submitted of the DEC?

1.5 Government Approvals

Is rezoning of any land required before the proposal can be implemented? If yes, please provide details.		No	
Is approval required from any Commonwealth or State Government agency or Local Authority for any part of the proposal? If yes, please complete the table below.		Yes	
Agency/Authority	Approval required	Application lodged Yes / No	Agency/Local Authority contact(s) for proposal
City of Busselton	Access to road reserves and affecting infrastructure		City offices
DBFS	Easement across land		DEFS Bunbury

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2.1.3 Have you submitted an application to clear native vegetation to the DEC (unless you are exempt from such a requirement)?

- Yes No If yes, on what date and to which office was the application submitted of the DEC?

2.1.4 Are you aware of any recent flora surveys carried out over the area to be disturbed by this proposal?

Yes

No

If yes, please attach a copy of any related survey reports and provide the date and name of persons / companies involved in the survey(s).

If no, please do not arrange to have any biological surveys conducted prior to consulting with the DEC.

2.1.5 Has a search of DEC records for known occurrences of rare or priority flora or threatened ecological communities been conducted for the site?

Yes

No

If you are proposing to clear native vegetation for any part of your proposal, a search of DEC records of known occurrences of rare or priority flora and threatened ecological communities will be required. Please contact DEC for more information.

2.1.6 Are there any known occurrences of rare or priority flora or threatened ecological communities on the site?

Yes

No

If yes, please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters.

2.1.7 If located within the Perth Metropolitan Region, is the proposed development within or adjacent to a listed Bush Forever Site? (You will need to contact the Bush Forever Office, at the Department for Planning and Infrastructure)

Yes

No

If yes, please indicate which Bush Forever Site is affected (site number and name of site where appropriate).

2.1.8 What is the condition of the vegetation at the site?

2.2 Fauna

2.2.1 Do you expect that any fauna or fauna habitat will be impacted by the proposal?

(please tick)

Yes

If yes, complete the rest of this section.

No

If no, go to the next section.

2.2.2 Describe the nature and extent of the expected impact.

2.2.3 Are you aware of any recent fauna surveys carried out over the area to be disturbed by this proposal?

Yes

No

If yes, please attach a copy of any related survey reports and provide the date and name of persons / companies involved in the survey(s).

If no, please do not arrange to have any biological surveys conducted prior to consulting with the DEC.

2.2.4 Has a search of DEC records for known occurrences of Specially Protected (threatened) fauna been conducted for the site?

Yes

No

(please tick)

2.2.5 Are there any known occurrences of Specially Protected (threatened) fauna on the site?

Yes

No

If yes, please indicate which species or communities are involved and provide copies of any correspondence with DEC regarding these matters.

2.3 Rivers, Creeks, Wetlands and Estuaries

2.3.1 Will the development occur within 200 metres of a river, creek, wetland or estuary?

(please tick)

Yes

If yes, complete the rest of this section.

No

If no, go to the next section.

2.3.2 Will the development result in the clearing of vegetation within the 200 metre zone?

Yes

No

If yes, please describe the extent of the expected impact.

2.3.3 Will the development result in the filling or excavation of a river, creek, wetland or estuary?

Yes

No

If yes, please describe the extent of the expected impact.

2.3.4 Will the development result in the impoundment of a river, creek, wetland or estuary?

Yes

No

If yes, please describe the extent of the expected impact.

2.3.5 Will the development result in draining to a river, creek, wetland or estuary?

Yes No If yes, please describe the extent of the expected impact.

2.3.6 Are you aware if the proposal will impact on a river, creek, wetland or estuary (or its buffer) within one of the following categories? (please tick)

Conservation Category Wetland	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure
Environmental Protection (Swan Coastal Plain) Policy 1998	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unsure
Perth's Bush Forever site	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Environmental Protection (Swan & Canning Rivers) Policy 1998	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
The management area as defined in s4(1) of the <i>Swan River Trust Act 1988</i>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure
Which is subject to an international agreement, because of the importance of the wetland for waterbirds and waterbird habitats (e.g. Ramsar, JAMBA, CAMBA)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Unsure

Wetland UFI	Lot number(s)	Coordinates (GDA1994)
15214	Lot 230	346689.26mE 6275087.44mN

Dewatering will be required for construction of the works. Dewatering will be re-infiltrated on site through a series of infiltration trenches and basins (where required). Dewatering water will not be discharged to the Vasse Estuary or where the area is mapped as an EPP or Conservation Category Wetland (CCW).

Dewatering will be used for the sections constructed by open excavation along the least sensitive parts of the route, this being between Albert Street and Stanley Street then Pries Avenue to the connection to the existing gravity sewer. Directional drilling will be conducted along Peel Terrace beginning at Stanley Street and running through to Pries Avenue to avoid impacting on the EPP and CCW. Urban and infrastructure development has had a significant impact on these natural attributes and Environmental values of the EPP and CCW, with the EPP being mapped across urban development. A wetlands condition report has been developed and is included in Appendix 2

2.4 Significant Areas and/ or Land Features

2.4.1 Is the proposed development located within or adjacent to an existing or proposed National Park or Nature Reserve?

Yes No If yes, please provide details.

2.4.2 Are you aware of any Environmentally Sensitive Areas (as declared by the Minister under section 51B of the EP Act) that will be impacted by the proposed development?

Yes No **If yes**, please provide details.

A search of the DEC's Database has identified two Environmentally Sensitive Areas (See figure 1 Appendix 3) that may be impacted by this proposal

2.4.3 Are you aware of any significant natural land features (e.g. caves, ranges etc) that will be impacted by the proposed development?

Yes No **If yes**, please provide details.

2.5 Coastal Zone Areas (Coastal Dunes and Beaches)

2.5.1 Will the development occur within 300metres of a coastal area?

(please tick) Yes **If yes**, complete the rest of this section.
 No **If no**, go to the next section.

2.5.2 What is the expected setback of the development from the high tide level and from the primary dune?

2.5.3 Will the development impact on coastal areas with significant landforms including beach ridge plain, cusped headland, coastal dunes or karst?

Yes No **If yes**, please describe the extent of the expected impact.

2.5.4 Is the development likely to impact on mangroves?

Yes No **If yes**, please describe the extent of the expected impact.

2.6 Marine Areas and Biota

2.6.1 Is the development likely to impact on an area of sensitive benthic communities, such as seagrasses, coral reefs or mangroves?

Yes No **If yes**, please describe the extent of the expected impact.

2.6.2 Is the development likely to impact on marine conservation reserves or areas recommended for reservation (as described in *A Representative Marine Reserve System for Western Australia*, CALM, 1994)?

Yes No If yes, please describe the extent of the expected impact.

2.6.3 Is the development likely to impact on marine areas used extensively for recreation or for commercial fishing activities?

Yes No If yes, please describe the extent of the expected impact, and provide any written advice from relevant agencies (e.g. Fisheries WA).

2.7 Water Supply and Drainage Catchments

2.7.1 Are you in a proclaimed or proposed groundwater or surface water protection area?

(You may need to contact the Department of Water (DoW) for more information on the requirements for your location, including the requirement for licences for water abstraction. Also, refer to the DoW website)

Yes No If yes, please describe what category of area.

2.7.2 Are you in an existing or proposed Underground Water Supply and Pollution Control area?

(You may need to contact the DoW for more information on the requirements for your location, including the requirement for licences for water abstraction. Also, refer to the DoW website)

Yes No If yes, please describe what category of area.

2.7.3 Are you in a Public Drinking Water Supply Area (PDWSA)?

(You may need to contact the DoW for more information or refer to the DoW website. A proposal to clear vegetation within a PDWSA requires approval from DoW.)

Yes No If yes, please describe what category of area.

2.7.4 Is there sufficient water available for the proposal?

(Please consult with the DoW as to whether approvals are required to source water as you propose. Where necessary, please provide a letter of intent from the DoW)

Yes No (please tick)

2.7.5 Will the proposal require drainage of the land?

Yes No If yes, how is the site to be drained and will the drainage be connected to an existing Local Authority or Water Corporation drainage system? Please provide details.

Dewatering will be required during construction of the proposed works. Coffey Associates have completed a Geotechnical and Hydrological Investigation, to determine the expected dewatering volumes, radius of influence and water quality (see Appendix 4).

A Dewatering and Acid Sulfate Soils Management Plan (Appendix 5), has been developed by Coffey Associates to ensure the impacts of dewatering are minimised.

Construction has been scheduled for the summer months to potentially minimise the dewatering required. Techniques including trenchless technology (i.e. directional Drilling) along the more sensitive sections of the gravity sewer main will also be used to minimise dewatering (refer Section 2.4). Treated dewatering water will be re-infiltrated over previously excavated trenches, or in infiltration basins located along the alignment, or used for dust suppression if required.

2.7.6 Is there a water requirement for the construction and/ or operation of this proposal?

(please tick) Yes If yes, complete the rest of this section.

No If no, go to the next section.

Water system required for the proposed works is likely to be sourced from the local scheme water. The volume of water required during construction of the pipeline and for the testing of the pipeline during commissioning is unknown at this stage.

2.7.7 What is the water requirement for the construction and operation of this proposal, in kilolitres per year?

The water demands for construction are unknown at this stage.

2.7.8 What is the proposed source of water for the proposal? (e.g. dam, bore, surface water etc.).

It is proposed to use Scheme Water for the completion of this project.

2.8 Pollution

2.8.1 Is there likely to be any discharge of pollutants from this development, such as noise, vibration, gaseous emissions, dust, liquid effluent, solid waste or other pollutants?

(please tick) Yes If yes, complete the rest of this section.

No If no, go to the next section.

2.8.2 Is the proposal a prescribed premise, under the Environmental Protection Regulations 1987?

(Refer to the EPA's *General Guide for Referral of Proposals to the EPA under section 38(1) of the EP Act 1986* for more information)

Yes No If yes, please describe what category of prescribed premise.

2.8.3 Will the proposal result in gaseous emissions to air?

Yes No If yes, please briefly describe.

Exhaust emissions from construction machinery are expected during construction.

2.8.4 Have you done any modelling or analysis to demonstrate that air quality standards will be met, including consideration of cumulative impacts from other emission sources?

Yes No If yes, please briefly describe

2.8.5 Will the proposal result in liquid effluent discharge?

Yes No If yes, please briefly describe the nature, concentrations and receiving environment.

On successful completion of the pressure test, the test water will be discharged to the existing gravity sewer which is pumped to the West Street Pump Station located on the corner of West Street and Edwards Street Busselton.

2.8.6 If there is likely to be discharges to a watercourse or marine environment, has any analysis been done to demonstrate that the State Water Quality Management Strategy or other appropriate standards will be able to be met?

Yes No If yes, please describe.

Discharge to watercourses will be avoided. Section 7 and 16 of the CEMF outline the preferred method of disposal for the pressure test water and dewatering discharge. The CEMF is still in Draft form and will not be finalised until all investigations and surveys have been completed.

2.8.7 Will the proposal produce or result in solid wastes?

Yes No If yes, please describe the nature, concentrations and disposal location/ method.

Section 9 of the CEMF outlines the types of solidastes that will be produced during construction and how they will be disposed of. These wastes include:

- Site office rubbish, paper, packaging and domestic wastes.
- Spent welding rods, grinding wheels, visors and shot blast from wilding operations.
- Spoil and surplus rock (including neutralised excess excavated material and treated Acid Sulfate Soil).
- Sewage from temporary toilets; and
- Used lubricating oils from machinery maintenance.

Waste will be reused and recycled where possible. General wastes will be taken to the nearest landfill and hydrocarbons will be disposed on-site to plastic lined or bunded bins and then disposed offsite to a licensed Controlled Waste Contractor or a hydrocarbon recycler.

Neutralised Acid Sulfate Soil may be used for backfilling the excavated trench, or disposed of at a local landfill as inert waste.

2.8.8 Will the proposal result in significant off-site noise emissions?

Yes No If **yes**, please briefly describe.

2.8.9 Will the development be subject to the Environmental Protection (Noise) Regulations 1997?

Yes No If **yes**, has any analysis been carried out to demonstrate that the proposal will comply with the Regulations?

Please attach the analysis.

During the construction, noise levels will be similar to those associated with normal construction projects involving use of earthmoving machinery and building construction plant, equipment and power tools. The noise will be limited to normal working hours.

No analysis has been carried out for this project. A Noise Management Plan (see Section 13 of the CEMF) will be implemented during construction. All care will be taken to minimise noise and adhere to the parameters outlined in the Environmental Protection (Noise) Regulations 1997 (WA). Noise monitoring will be undertaken regularly.

2.8.10 Does the proposal have the potential to generate off-site, air quality impacts, dust, odour or another pollutant that may affect the amenity of residents and other "sensitive premises" such as schools and hospitals (proposals in this category may include intensive agriculture, aquaculture, marinas, mines and quarries etc.)?

Yes No If **yes**, please describe and provide the distance to residences and other "sensitive premises".

The pipeline route passes within 20 m of residential properties. This is unavoidable as the pipe alignment will traverse a residential area. Construction works are expected to produce dust, especially on windy days in summer months. The dust control measures to be implemented during construction are outlined in Section 15.4 of the CEMF. Water will be used to dampen areas that have the potential to generate dust such as soil stockpiles.

2.8.11 If the proposal has a residential component or involves "sensitive premises", is it located near a land use that may discharge a pollutant?

Yes No Not Applicable

If yes, please describe and provide the distance to the potential pollution source

2.9 Greenhouse Gas Emissions

2.9.1 Is this proposal likely to result in substantial greenhouse gas emissions (greater than 100 000 tonnes per annum of carbon dioxide equivalent emissions)?

Yes No If yes, please provide an estimate of the annual gross emissions in absolute and in carbon dioxide equivalent figures.

2.9.2 Further, if yes, please describe proposed measures to minimise emissions, and any sink enhancement actions proposed to offset emissions.

2.10 Contamination

2.10.1 Has the property on which the proposal is to be located been used in the past for activities which may have caused soil or groundwater contamination?

Yes No Unsure If yes, please describe.

2.10.2 Has any assessment been done for soil or groundwater contamination on the site?

Yes No If yes, please describe.

Geotechnical investigations along the proposed route have been undertaken by Coffey Environment Pty Ltd to determine the presence, extent and nature of ASS. The results indicate that potential Acid Sulfate Soil (PASS) is likely to be present along the proposed pipeline route. An ASSMP has been prepared and submitted to the DEC for information prior to commencing site works.

Has the site been registered as a contaminated site under the *Contaminated Sites Act 2003*? (on finalisation of the CS Regulations and proclamation of the CS Act)

Yes

No

If yes, please describe.

2.11 Social Surroundings

2.11.1 Is the proposal on a property which contains or is near a site of Aboriginal ethnographic or archaeological significance that may be disturbed?

Yes

No

Unsure

If yes, please describe.

2.11.2 Is the proposal on a property which contains or is near a site of high public interest (e.g. a major recreation area or natural scenic feature)?

Yes

No

If yes, please describe.

The Arthur and Nora Breeden Park and the public facilities are used for public recreation. Notification of the works will be provided to the public prior to commencement of the construction activities.

2.11.3 Will the proposal result in or require substantial transport of goods, which may affect the amenity of the local area?

Yes

No

If yes, please describe.

The transportation of construction materials and equipment to and from the construction site may result in short-term impacts on local traffic movement. Traffic management activities on public roads will be coordinated with the City of Busselton prior to construction. A Traffic and Public Safety Management Plan is being developed and will be implemented during construction (see Section 11 of the CEMF). The use of local roads for transportation of construction materials and equipment will be limited to daylight hours to minimise noise impacts on residences. Speed limits will also be imposed and appropriate signage installed.

3. PROPOSED MANAGEMENT

3.1 Principles of Environmental Protection

3.1.1 Have you considered how your project gives attention to the following Principles, as set out in section 4A of the EP Act? (For information on the Principles of Environmental Protection, please see EPA Position Statement No. 7, available on the EPA website)

- | | | |
|--|---|-----------------------------|
| 1. The precautionary principle. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. The principle of intergenerational equity. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 3. The principle of the conservation of biological diversity and ecological integrity. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Principles relating to improved valuation, pricing and incentive mechanisms. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. The principle of waste minimisation. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |

3.1.2 Is the proposal consistent with the EPA's Environmental Protection Bulletins/Position Statements and Environmental Assessment Guidelines/Guidance Statements (available on the EPA website)?

Yes No

3.2 Consultation

3.2.1 Has public consultation taken place (such as with other government agencies, community groups or neighbours), or is it intended that consultation shall take place?

Yes No If yes, please list those consulted and attach comments or summarise response on a separate sheet.

The following consultation has been undertaken:

- **DEC** was notified via email of works to be undertaken on the 12/02/2013.
- **Meeting** with Mike Pingelly from the **OEPA** to discuss referral and assessment (26/8/12 and 26/11/12).
- Notice of proposal have been sent out to stakeholders in the immediate vicinity of the proposed works.
- A prelims to work notice will be issued to all other utility owners and to local residents along the pipe route. All utility providers have been asked for input during design phase.

References

Coffey (2012). Report for Ford Road Pressure Main Upgrade Acid Sulfate Soil and Dewatering Management Plan. Coffey, Burswood.

Coffey (2012). Report for Ford Road Pressure Main Upgrade Geotechnical and Acid Sulfate Soil Investigation Report. Coffey, Burswood.

V&C Semeniuk Research Group (2012) Busselton Ford Road Vacuum Pump Station Project, Wetland Condition Report. V&C Semeniuk Warick.

List of Appendices

- Appendix 1 Construction Environmental Management Framework (CEMF)
- Appendix 2 Wetland Condition Report
- Appendix 3 Environmental Sensitive Area (ESA) Mapping
- Appendix 4 Geotechnical Investigations (Coffey Associates 2013)
- Appendix 5 Acid Sulfate Soil and Dewatering Management Plan (Coffey Associates 2013)