

Colleen McCreadie

From: James Dabrowski <james@confluent.co.za>
Sent: Monday, 19 July 2021 09:40
To: Colleen McCreadie
Cc: James Dabrowski; Bianca Hagen
Subject: Re: Wetlands and water uses - Germiston Foundry

Hi Colleen

Apologies for only getting back to you now - but I was away on leave in the Transkei last week and had next to no connectivity.

Having had a look at the information you have provided I am 100 % confident that no water use authorisation would be required for this application.

Regards

James

Dr. James Dabrowski (Pr. Sci. Nat)

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On Mon, Jul 12, 2021 at 3:06 PM Colleen McCreadie <colleen@enviroprac.co.za> wrote:

Hi James

We (my colleague, Bianca Hagen, is helping with this one) are busy with a new scrap aluminium and copper foundry application on an industrial site in Germiston. The site is fully transformed and developed. The proposal will include refurbishing the buildings as required, and installing furnaces and associated conveyor belts, etc.

Scrap metal is a general waste and so the application is for NEMA new air quality facility; NEMWA recovery and treatment of general waste; and NEMAQA combustion installations (natural gas or furnace oil-fuelled furnaces) and secondary aluminium (Al recovery and alloying from scrap).

The yard may need some refurbishment as well in order to comply with the N&S for storage of general waste. The scrap pre-treatment will entail shredding and pre-heating before loading into the furnaces and so the N&S for

shredding of general waste will also apply. But this pre-treatment process is 99% likely to take place within the warehouse building.

The DEFF screening tool found “low sensitivity “ for aquatic biodiversity.

But our biodiversity mapping whilst compiling the Scoping Report, found as attached: a natural wetland in the middle of a mining site. And wetlands anywhere from 700m south of the site (beyond the mining site).

With the site already fully developed; and with the northerly “natural wetland” situated in a mine, would you agree that no water use authorisation is needed? And that no freshwater specialist input is needed? Or am I missing something?

Thanks a mill, James

Kind regards

Colleen McCreadie

The Environmental Practice

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